

	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		
2	San Luis Obispo	Adelaida	7234		Paso Robles Road	86-M	Adelaida 15'		Lower Relizian	Ortalda		
3	San Luis Obispo	Adelaida	7235		Paso Robles Road	86-M	Adelaida 15'		L-M Miocene	Ortalda		
4	San Luis Obispo	Adelaida	7235	A	Paso Robles Road	86-M	Adelaida 15'		L-M Miocene	Ortalda		
5	San Luis Obispo	Adelaida	7236		Paso Robles Road	86-M	Adelaida 15'		U Relizian	Ortalda		
6	San Luis Obispo	Adelaida	7237		Paso Robles Road	86-M	Adelaida 15'		Relizian	Ortalda		
7	San Luis Obispo	Adelaida	7238		Paso Robles Road	86-M	Adelaida 15'		indeterminate	Ortalda		
8	San Luis Obispo	Adelaida	7961	A	Godfrey Road	219-L			no paleo info			
9	San Luis Obispo	Adelaida	7961	B	Godfrey Road	219-L			no paleo info			
10	San Luis Obispo	Adelaida	11317		Paso Robles Road	159-N			Saucesian			
11	San Luis Obispo	Adelaida	11321		Paso Robles Road	160-N			Relizian	Kistler		
12	San Luis Obispo	Adelaida	11326		Paso Robles Road	160-N			not diagnostic	Kistler		
13	San Luis Obispo	Adelaida	11328		Paso Robles Road	160-N			L Relizian	Kistler		
14	San Luis Obispo	Adelaida	11330		San Miguel Road	30-E			not diagnostic	Kistler		
15	San Luis Obispo	Adelaida	11332		Near Chimney Rock	30-E			Relizian	Kistler		
16	San Luis Obispo	Adelaida	11333		Near Chimney Rock	30-E			Relizian	Kistler		
17	San Luis Obispo	Adelaida	11334		E of Chimney Rock	30-E			Luisian	Kistler		
18	San Luis Obispo	Adelaida	11449		Peachy Cyn Road	155-N			Luisian			
19	San Luis Obispo	Adelaida	11450		Peachy Cyn Road	155-N		com planktics	Relizian			
20	San Luis Obispo	Adelaida	23207		W of Chimney Rock	252-A			no paleo info	Gregory		
21	San Luis Obispo	Adelaida	23208		Godfrey Road	252-A			no paleo info	Gregory		
22	San Luis Obispo	Adelaida	23280	A	Chimney Rock	252-E		age from map	Relizian	Gregory		
23	San Luis Obispo	Adelaida	23280	B	Chimney Rock	252-E		age from map	Relizian	Gregory		
24	San Luis Obispo	Adelaida?	7240		not found	86-M			Lower Luisian	Ortalda		
25	Fresno	Alcalde Hills	95	1	Coalinga 15'	D-12	not on map but in		no paleo info			
26	Fresno	Alcalde Hills	95	2	Coalinga 15'	D-12	Coalmine Canyon		but all from			
27	Fresno	Alcalde Hills	95	3	Coalinga 15'	D-12			Kreyenhagen			
28	Fresno	Alcalde Hills	95	4	Coalinga 15'	D-12			and probably			
29	Fresno	Alcalde Hills	95	7	Coalinga 15'	D-12			Eocene			
30	Fresno	Alcalde Hills	229	312-1	Los Gatos Creek	E-4	Coalinga 15'	not precisely	Cretaceous	Burtner		
31	Fresno	Alcalde Hills	229	312-2	Los Gatos Creek	E-4	Coalinga 15'	located	Cretaceous	Burtner		
32	Fresno	Alcalde Hills	229		Los Gatos Creek	E-4	Coalinga 15'		Cretaceous	Burtner		
33	Fresno	Alcalde Hills	229	1	Los Gatos Creek	E-4	Coalinga 15'		Cretaceous	Burtner		
34	Fresno	Alcalde Hills	229	2	Los Gatos Creek	E-4	Coalinga 15'		Cretaceous	Burtner		
35	Fresno	Alcalde Hills	229	3	Los Gatos Creek	E-4	Coalinga 15'		Cretaceous	Burtner		
36	Fresno	Alcalde Hills	229	313-1	Los Gatos Creek	E-4	Coalinga 15'		Cretaceous	Burtner		
37	Fresno	Alcalde Hills	229	313-2	Los Gatos Creek	E-4	Coalinga 15'		Cretaceous	Burtner		
38	Fresno	Alcalde Hills	578		Coalmine Cyn ?	A-6	not on map	great planktics	no paleo info			
39	Fresno	Alcalde Hills	579		Coalmine Cyn ?	A-6	not on map	great planktics	no paleo info			
40	Fresno	Alcalde Hills	26956	B	NW part of quad	101-L	Coalinga 15'	age on slide	Cretaceous			
41	Fresno?	Alcalde Hills?	195	1	Los Gatos Ck	E-14	Spirogyphus reef	Domengine	Eocene			
42	Fresno?	Alcalde Hills?	195	2	Los Gatos Ck	E-14	age on slide	Canoas?	Eocene			
43	Fresno?	Alcalde Hills?	195	3	Los Gatos Ck	E-14		Canoas?	Eocene			
44	Fresno?	Alcalde Hills?	195	4	Los Gatos Ck	E-14		white sand	Eocene			
45	Fresno?	Alcalde Hills?	195	5	Los Gatos Ck	E-14		Cret?	Cretaceous?			
46	Monterey	Alder Peak	23177	A	NE corner quad	252-A	C San Martin 15'	area F-1	Relizian	Gregory		
47	Monterey	Alder Peak	23177	B	NE corner quad	252-A	C San Martin 15'		Relizian	Gregory		
48	Monterey	Alder Peak	23291	A	Stony Valley	252-F	C San Martin 15'		Mohnian			
49	Monterey	Alder Peak	23291	B	Stony Valley	252-F	C San Martin 15'	abun planktics	Luisian	Gregory		
50	Monterey	Alder Peak	23291	C	Stony Valley	252-F	C San Martin 15'	abun planktics	Luisian	Gregory		
51	Monterey	Alder Peak	23371		Stony Valley	252-G	Cp San Martin 15'		no paleo info	Gregory		
52	Monterey	Alder Peak	23371	A	Stony Valley	252-G	Cp San Martin 15'	abun planktics	Relizian	Gregory		
53	Monterey	Alder Peak	23371	B	Stony Valley	252-G	Cp San Martin 15'		Relizian	Gregory		
54	Monterey	Alder Peak	23371	C	Stony Valley	252-G	Cp San Martin 15'	abun planktics	Relizian	Gregory		
55	Monterey	Alder Peak	23371	D	Stony Valley	252-G	Cp San Martin 15'	abun planktics	Relizian	Gregory		
56	Monterey	Alder Peak	23371	E	Stony Valley	252-G	Cp San Martin 15'	planktics com	Relizian	Gregory		
57	Alameda	Altamont	21519		Altamont Creek	226-D			U Cret F-2 zone	Colburn		
58	Alameda	Altamont	21520		Altamont Creek	226-D			U Cret F-2 zone	Colburn		
59	Alameda	Altamont	21521		Altamont Creek	226-D			not diagnostic	Colburn		
60	Alameda	Altamont	21522		Altamont Creek	226-D			U Cret F-2 zone	Colburn		
61	Alameda	Altamont	21523		Altamont Creek	226-D			no paleo Info	Colburn		
62	Alameda	Altamont	21524		NE part quad	226-D		age from map	U Cret F-2 zone	Colburn		
63	Alameda	Altamont	21526		NE part quad	226-D		age from map	Upper Cretaceous	Colburn		
64	Alameda	Altamont	21541		Altamont Creek	226-D		age from map	not diagnostic	Colburn		
65	Alameda	Altamont	21542		Altamont Creek	226-D		age from map	U Cret F-2/E zone	Colburn		
66	Alameda	Altamont	21543		Altamont Creek	226-D		age from map	not diagnostic	Colburn		
67	Alameda	Altamont	21544		Altamont Creek	226-D		age from map	U Cret F-2 zone	Colburn		
68	Alameda	Altamont	21545		Altamont Creek	226-D		age from map	not diagnostic	Colburn		
69	Alameda	Altamont	21548		Altamont Creek	226-D		age from map	barren	Colburn		
70	Alameda	Altamont	21549		Altamont Creek	226-D		age from map	barren	Colburn		
71	Alameda	Altamont	21550		Altamont Creek	226-D		age from map	U Cret F-2 zone	Colburn		
72	Alameda	Altamont	21551		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
73	Alameda	Altamont	21552		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
74	Alameda	Altamont	21553		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
75	Alameda	Altamont	21554		Highway 580	226-D		age from map	not diagnostic	Colburn		
76	Alameda	Altamont	21555		Highway 580	226-D		age from map	U Cret F/G zones	Colburn		
77	Alameda	Altamont	21556		Highway 580	226-D		age from map	U Cret F/G zones	Colburn		
78	Alameda	Altamont	21557		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
79	Alameda	Altamont	21558		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
80	Alameda	Altamont	21559		Highway 580	226-D		age from map	not diagnostic	Colburn		

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1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
87	Alameda	Altamont	21566		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
88	Alameda	Altamont	21567		Highway 580	226-D		age from map	U Cret F/G zones	Colburn		
89	Alameda	Altamont	21568		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
90	Alameda	Altamont	21569		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
91	Alameda	Altamont	21570		Highway 580	226-D		age from map	U Cret F-2 zone	Colburn		
92	Alameda	Altamont	21578		Highway 580	226-E			U Cret F-2 zone	Colburn		
93	Alameda	Altamont	21579		Highway 580	226-E			U Cret F-2 zone	Colburn		
94	Alameda	Altamont	21582		Highway 580	226-E			U Cret F-2 zone	Colburn		
95	Alameda	Altamont	21583		Highway 580	226-E			U Cret F-2 zone	Colburn		
96	Alameda	Altamont	21584		Highway 580	226-E			U Cret F-2 zone	Colburn		
97	Alameda	Altamont	21585		Highway 580	226-E			U Cret F-2 zone	Colburn		
98	Alameda	Altamont	21586		NE part quad	226-E			Upper Cretaceous	Colburn		
99	Alameda	Altamont	21593		Highway 580	226-E		age from map	U Cret E zone	Colburn		
100	Alameda	Altamont	21594		Highway 580	226-E		age from map	U Cret E zone	Colburn		
101	Alameda	Altamont	21595		SE of Highway 580	226-E			not diagnostic	Colburn		
102	San Mateo	Ano Nuevo	5699	1	Point Ano Nuevo	126-M		has diatoms	Saucesian	Starke		
103	San Mateo	Ano Nuevo	5699	2	Point Ano Nuevo	126-M		has mollusks	Saucesian	Starke		
104	San Mateo	Ano Nuevo	5699	3	Point Ano Nuevo	126-M		has mollusks	Saucesian	Starke		
105	San Mateo	Ano Nuevo	5699	4	Point Ano Nuevo	126-M	also 5900-5901	has M Mioc NF	Saucesian	Starke		
106	San Mateo	Ano Nuevo	7204	ReSamp	Ano Nuevo	104-M	34/9S/4W (SLP)		Lower Miocene			
107	Contra Costa	Antioch South	169	9	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh	not diagnostic	Weddle		
108	Contra Costa	Antioch South	169	10	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh	Narizian A-1	Weddle		
109	Contra Costa	Antioch South	169	11	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh	Narizian A-1	Weddle		
110	Contra Costa	Antioch South	169	12	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh	Narizian A-1	Weddle		
111	Contra Costa	Antioch South	169	13	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh	Narizian A-1	Weddle		
112	Contra Costa	Antioch South	169	14	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh	barren	Weddle		
113	Contra Costa	Antioch South	169	15	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh	Narizian A-1	Weddle		
114	Contra Costa	Antioch South	169	16	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh	Narizian A-1	Weddle		
115	Contra Costa	Antioch South	169	18	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh	not diagnostic	Weddle		
116	Contra Costa	Antioch South	169	19	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh	Narizian	Weddle		
117	Contra Costa	Antioch South	169	20	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh	Narizian	Weddle		
118	Contra Costa	Antioch South	169	21	Markley Canyon	E-5	Mt Diablo 15'	Sidney sh	not diagnostic	Weddle		
119	Contra Costa	Antioch South	169	24	Markley Canyon	E-5	Mt Diablo 15'	Nortonville	not diagnostic	Weddle		
120	Contra Costa	Antioch South	169	25	Markley Canyon	E-5	Mt Diablo 15'	Nortonville	not diagnostic	Weddle		
121	Contra Costa	Antioch South	169	26	Markley Canyon	E-5	Mt Diablo 15'	Nortonville	not diagnostic	Weddle		
122	Contra Costa	Antioch South	169	27	Markley Canyon	E-5	Mt Diablo 15'	Nortonville	not diagnostic	Weddle		
123	Contra Costa	Antioch South	169	28	Markley Canyon	E-5	Mt Diablo 15'	Nortonville	not diagnostic	Weddle		
124	Contra Costa	Antioch South	169	29	Markley Canyon	E-5	Mt Diablo 15'	Nortonville	not diagnostic	Weddle		
125	Contra Costa	Antioch South	169	30	Markley Canyon	E-5	Mt Diablo 15'	Nortonville	not diagnostic	Weddle		
126	Contra Costa	Antioch South	169	50	center of quad	E-5	Mt Diablo 15'		Eocene	Weddle		
127	Contra Costa	Antioch South	169	51	center of quad	E-5	Mt Diablo 15'		not diagnostic	Weddle		
128	Contra Costa	Antioch South	169	52	center of quad	E-5	Mt Diablo 15'		Eocene	Weddle		
129	Contra Costa	Antioch South	169	53	center of quad	E-5	Mt Diablo 15'		Eocene	Weddle		
130	Contra Costa	Antioch South	169	54	center of quad	E-5	Mt Diablo 15'		Eocene	Weddle		
131	Contra Costa	Antioch South	169	55	center of quad	E-5	Mt Diablo 15'		Eocene	Weddle		
132	Contra Costa	Antioch South	169	56	center of quad	E-5	Mt Diablo 15'		Eocene	Weddle		
133	Contra Costa	Antioch South	169	57	center of quad	E-5	Mt Diablo 15'		Eocene	Weddle		
134	Contra Costa	Antioch South	169	58	center of quad	E-5	Mt Diablo 15'		Eocene	Weddle		
135	Contra Costa	Antioch South	169	59	center of quad	E-5	Mt Diablo 15'		no paleo info	Weddle		
136	Contra Costa	Antioch South	169	60	center of quad	E-5	abun radiolaria		barren	Weddle		
137	Contra Costa	Antioch South	169	66	Antioch airport	E-5	common radiolaria		barren	Weddle		
138	Contra Costa	Antioch South	169	67	EC part of quad	E-6	Mt Diablo 15'	Meganos E	Eocene	Weddle		
139	Contra Costa	Antioch South	169	71	SE part of quad	E-6	Mt Diablo 15'		Cretaceous	Weddle		
140	Contra Costa	Antioch South	169	72	SE part of quad	E-6	Mt Diablo 15'		Cretaceous	Weddle		
141	Contra Costa	Antioch South	169	73	SE part of quad	E-6	Mt Diablo 15'		Cretaceous	Weddle		
142	Contra Costa	Antioch South	169	74	SE part of quad	E-6	Mt Diablo 15'		Cretaceous	Weddle		
143	Contra Costa	Antioch South	169	75	SE part of quad	E-6	Mt Diablo 15'		Cretaceous	Weddle		
144	Contra Costa	Antioch South	169	76	SE part of quad	E-6	Mt Diablo 15'		Cretaceous	Weddle		
145	Contra Costa	Antioch South	169	77	SE part of quad	E-6	Mt Diablo 15'		Cretaceous	Weddle		
146	Contra Costa	Antioch South	169	78	SE part of quad	E-6	Mt Diablo 15'		Cretaceous	Weddle		
147	Contra Costa	Antioch South	169	79	not found	E-6	abun Radiolaria	Eocene	barren	Weddle		
148	Contra Costa	Antioch South	169	80	not found	E-6	flood radiolaria	Eocene	barren	Weddle		
149	Contra Costa	Antioch South	182	344	Horse Valley area	F-12	Sect B-916	Meganos E	Middle Eocene	Solari		
150	Contra Costa	Antioch South	182	345	Horse Valley area	F-12	(not provided)	Meganos E	Middle Eocene	Solari		
151	Contra Costa	Antioch South	182	346	Horse Valley area	F-12	Age inferred from	Meganos E	Middle Eocene	Solari		
152	Contra Costa	Antioch South	182	347	Horse Valley area	F-12	Meganos E on slide	Meganos E	Middle Eocene	Solari		
153	Contra Costa	Antioch South	182	348	Horse Valley area	F-12	Locality not on	Meganos E	Middle Eocene	Solari		
154	Contra Costa	Antioch South	182	349	Horse Valley area	F-12	map but general	Meganos E	Middle Eocene	Solari		
155	Contra Costa	Antioch South	182	350	Horse Valley area	F-12	area is Horse	Meganos E	Middle Eocene	Solari		
156	Contra Costa	Antioch South	182	351	Horse Valley area	F-12	Valley (on slide)	Meganos E	Middle Eocene	Solari		
157	Contra Costa	Antioch South	182	352	Horse Valley area	F-12	No paleo report.	Meganos E	Middle Eocene	Solari		
158	Contra Costa	Antioch South	182	353	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
159	Contra Costa	Antioch South	182	354	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
160	Contra Costa	Antioch South	182	355	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
161	Contra Costa	Antioch South	182	356	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
162	Contra Costa	Antioch South	182	357	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
163	Contra Costa	Antioch South	182	358	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
164	Contra Costa	Antioch South	182	359	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
165	Contra Costa	Antioch South	182	360	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
166	Contra Costa	Antioch South	182	361	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
167	Contra Costa	Antioch South	182	362	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
168	Contra Costa	Antioch South	182	363	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
169	Contra Costa	Antioch South	182	364	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
170	Contra Costa	Antioch South	182	365	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		
171	Contra Costa	Antioch South	182	366	Horse Valley area	F-12		Meganos E	Middle Eocene	Solari		

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1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AG	COLLECTORS		
342	Contra Costa	Antioch South	272	65	Mt Diablo area	51-J				not diagnostic	Solari	
343	Contra Costa	Antioch South	272	68	Mt Diablo area	51-J				not diagnostic	Solari	
344	Contra Costa	Antioch South	272	71	Mt Diablo area	51-J				not diagnostic	Solari	
345	Contra Costa	Antioch South	272	72	Mt Diablo area	51-J				not diagnostic	Solari	
346	Contra Costa	Antioch South	284	M-3	Meganos D	F-1	20/1N/1E			not diagnostic		
347	Contra Costa	Antioch South	284	M-21	Meganos D	F-1				Eocene		
348	Contra Costa	Antioch South	284	M-24	Meganos D	F-1				Eocene		
349	Contra Costa	Antioch South	284	M-30	Meganos D	F-1				Eocene		
350	Contra Costa	Antioch South	396	70	Oakley drill holes	90-F	seismic hole	4/1N/2E		not diagnostic		
351	Contra Costa	Antioch South	396	80	Oakley drill holes	90-F	seismic hole # 1			not diagnostic		
352	Contra Costa	Antioch South	396	86	Oakley drill holes	90-F	seismic hole # 1			Eocene A-1 or 2		
353	Contra Costa	Antioch South	396	90	Oakley drill holes	90-F	seismic hole # 1			Eocene A-1 or 2		
354	Contra Costa	Antioch South	396	100	Oakley drill holes	90-F	seismic hole # 1		1	Eocene A-1 or 2		
355	Contra Costa	Antioch South	396	85	Oakley drill holes	90-F	seismic hole # 2		2	Eocene A-1 or 2		
356	Contra Costa	Antioch South	396	90	Oakley drill holes	90-F	seismic hole			Eocene A-1 or 2		
357	Contra Costa	Antioch South	396	85	Oakley drill holes	90-F	seismic hole # 3		3	Eocene A-1 or 2		
358	Contra Costa	Antioch South	396	80	Oakley drill holes	90-F	seismic hole # 5		5	Eocene A-1 or 2		
359	Contra Costa	Antioch South	396	90	Oakley drill holes	90-F	seismic hole			Eocene A-1 or 2		
360	Contra Costa	Antioch South	396	65	Oakley drill holes	90-F	seismic hole # 6		6	Eocene A-1 or 2		
361	Contra Costa	Antioch South	396	70	Oakley drill holes	90-F	seismic hole			Eocene A-1 or 2		
362	Contra Costa	Antioch South	396	85	Oakley drill holes	90-F	seismic hole			Eocene A-1 or 2		
363	Contra Costa	Antioch South	396	15	Oakley drill holes	90-F	seismic hole # 10		10	Eocene A-1 or 2		
364	Contra Costa	Antioch South	396	10	Oakley drill holes	90-F	seismic hole			Eocene A-1 or 2		
365	Contra Costa	Antioch South	396	20	Oakley drill holes	90-F	seismic hole			Eocene A-1 or 2		
366	Contra Costa	Antioch South	396	10	Oakley drill holes	90-F	seismic hole # 11		11	Eocene A-1 or 2		
367	Contra Costa	Antioch South	396	15	Oakley drill holes	90-F	seismic hole			Eocene A-1 or 2		
368	Contra Costa	Antioch South	396	20	Oakley drill holes	90-F	seismic hole			Eocene A-1 or 2		
369	Contra Costa	Antioch South	396	10	Oakley drill holes	90-F	seismic hole # 12		12	Eocene A-1 or 2		
370	Contra Costa	Antioch South	396	15	Oakley drill holes	90-F	seismic hole			Eocene A-1 or 2		
371	Contra Costa	Antioch South	396	20	Oakley drill holes	90-F	seismic hole			Eocene A-1 or 2		
372	Contra Costa	Antioch South	396	10	Oakley drill holes	90-F	seismic hole # 13		13	Eocene A-1 or 2		
373	Contra Costa	Antioch South	396	15	Oakley drill holes	90-F	seismic hole			Eocene A-1 or 2		
374	Contra Costa	Antioch South	396	20	Oakley drill holes	90-F	seismic hole			Eocene A-1 or 2		
375	Contra Costa	Antioch South	396	5	Oakley drill holes	90-F	seismic hole # 15		15	Eocene A-1 or 2		
376	Contra Costa	Antioch South	396	10	Oakley drill holes	90-F	seismic hole # 16		16	Eocene A-1 or 2		
377	Contra Costa	Antioch South	396	15	Oakley drill holes	90-F	seismic hole			Eocene A-1 or 2		
378	Contra Costa	Antioch South	396	20	Oakley drill holes	90-F	seismic hole			Eocene A-1 or 2		
379	Contra Costa	Antioch South	396	10	Oakley drill holes	90-F	seismic hole # 17		17	Eocene A-1 or 2		
380	Contra Costa	Antioch South	396	20	Oakley drill holes	90-F	seismic hole			Eocene A-1 or 2		
381	Contra Costa	Antioch South	396	15	Oakley drill holes	90-F	seismic hole # 18			Eocene A-1 or 2		
382	Contra Costa	Antioch South	396	30	Oakley drill holes	90-F	seismic hole #			Eocene A-1 or 2		
383	Contra Costa	Antioch South	396	20	Oakley drill holes	90-F	seismic hole # 19			Eocene A-1 or 2		
384	Contra Costa	Antioch South	396	25	Oakley drill holes	90-F	seismic hole #			Eocene A-1 or 2		
385	Contra Costa	Antioch South	396	30	Oakley drill holes	90-F	seismic hole #			Eocene A-1 or 2		
386	Contra Costa	Antioch South	396	35	Oakley drill holes	90-F	seismic hole # 20			Eocene A-1 or 2		
387	Contra Costa	Antioch South	396	60	Oakley drill holes	90-F	seismic hole # 21			Eocene A-1 or 2		
388	Contra Costa	Antioch South	396	65	Oakley drill holes	90-F	seismic hole #			Eocene A-1 or 2		
389	Contra Costa	Antioch South	396	70	Oakley drill holes	90-F	seismic hole #			Eocene A-1 or 2		
390	Contra Costa	Antioch South	396	40	Oakley drill holes	90-F	seismic hole # 22			Eocene A-1 or 2		
391	Contra Costa	Antioch South	396	50	Oakley drill holes	90-F	seismic hole #			Eocene A-1 or 2		
392	Contra Costa	Antioch South	396	55	Oakley drill holes	90-F	seismic hole #			Eocene A-1 or 2		
393	Contra Costa	Antioch South	396	60	Oakley drill holes	90-F	seismic hole #			Eocene A-1 or 2		
394	Contra Costa	Antioch South	396	35	Oakley drill holes	90-F	seismic hole # 23			Eocene A-1 or 2		
395	Contra Costa	Antioch South	396	45	Oakley drill holes	90-F	seismic hole #			Eocene A-1 or 2		
396	Contra Costa	Antioch South	396	40	Oakley drill holes	90-F	seismic hole # 24			Eocene A-1 or 2		
397	Contra Costa	Antioch South	396	50	Oakley drill holes	90-F	seismic hole # 25			Eocene A-1 or 2		
398	Contra Costa	Antioch South	396	55	Oakley drill holes	90-F	seismic hole #			Eocene A-1 or 2		
399	Contra Costa	Antioch South	396	60	Oakley drill holes	90-G	seismic hole #			Eocene A-1 or 2		
400	Contra Costa	Antioch South	396	25	Oakley drill holes	90-G	seismic hole # 26			Eocene A-1 or 2		
401	Contra Costa	Antioch South	396	30	Oakley drill holes	90-G	seismic hole #			Eocene A-1 or 2		
402	Contra Costa	Antioch South	396	35	Oakley drill holes	90-G	seismic hole #			Eocene A-1 or 2		
403	Contra Costa	Antioch South	396	40	Oakley drill holes	90-G	seismic hole # 27			Eocene A-1 or 2		
404	Contra Costa	Antioch South	396	45	Oakley drill holes	90-G	seismic hole # 28			Eocene A-1 or 2		
405	Contra Costa	Antioch South	396	55	Oakley drill holes	90-G	seismic hole #			Eocene A-1 or 2		
406	Contra Costa	Antioch South	396	60	Oakley drill holes	90-G	seismic hole #			Eocene A-1 or 2		
407	Contra Costa	Antioch South	396	50	Oakley drill holes	90-G	seismic hole # 29			Eocene A-1 or 2		
408	Contra Costa	Antioch South	396	65	Oakley drill holes	90-G	seismic hole #			Eocene A-1 or 2		
409	Contra Costa	Antioch South	396	60	Oakley drill holes	90-G	seismic hole #			Eocene A-1 or 2		
410	Contra Costa	Antioch South	396	50	Oakley drill holes	90-G	seismic hole # 30			Eocene A-1 or 2		
411	Contra Costa	Antioch South	396	55	Oakley drill holes	90-G	seismic hole #			Eocene A-1 or 2		
412	Contra Costa	Antioch South	396	65	Oakley drill holes	90-G	seismic hole #			Eocene A-1 or 2		
413	Contra Costa	Antioch South	396	70	Oakley drill holes	90-G	seismic hole #			Eocene A-1 or 2		
414	Contra Costa	Antioch South	396	65	Oakley drill holes	90-G	seismic hole # 31			Eocene A-1 or 2		
415	Contra Costa	Antioch South	396	60	Oakley drill holes	90-G	seismic hole #			Eocene A-1 or 2		
416	Contra Costa	Antioch South	396	70	Oakley drill holes	90-G	seismic hole #			Eocene A-1 or 2		
417	Contra Costa	Antioch South	396	10	Oakley drill holes	90-G	seismic hole # 32			Eocene A-1 or 2		
418	Contra Costa	Antioch South	396	58	Oakley drill holes	90-G	seismic hole # 34			Eocene A-1 or 2		
419	Contra Costa	Antioch South	396	60	Oakley drill holes	90-G	seismic hole #			Eocene A-1 or 2		
420	Contra Costa	Antioch South	417	1	Deer Valley Rd	129-B	auger			Paleocene?		
421	Contra Costa	Antioch South	417	2	Deer Valley	129-B	auger			Paleocene?		
422	Contra Costa	Antioch South	417	3	Deer Valley	129-B	auger			Paleocene?		
423	Contra Costa	Antioch South	417	4	Deer Valley	129-B	auger			Paleocene?		
424	Contra Costa	Antioch South	417	5	Deer Valley	129-B	auger			Paleocene?		
425	Contra Costa	Antioch South	417	6	Deer Valley	129-B	auger			Paleocene?		
426	Contra Costa	Antioch South	417	7	Deer Valley	129-B	auger	glauconite A		Paleocene?		

	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		
427	Contra Costa	Antioch South	417	11	Deer Valley	129-B	auger		not diagnostic			
428	Contra Costa	Antioch South	417	12	Deer Valley	129-B	auger		U Cret C/D-1			
429	Contra Costa	Antioch South	417	13	Deer Valley	129-B	auger		barren			
430	Contra Costa	Antioch South	417	14	Deer Valley	129-B	auger		barren			
431	Contra Costa	Antioch South	417	15	Deer Valley	129-B	auger		not diagnostic			
432	Contra Costa	Antioch South	417	16	Deer Valley	129-B	auger		not diagnostic			
433	Contra Costa	Antioch South	417	17	Deer Valley	129-B	auger		not diagnostic			
434	Contra Costa	Antioch South	443	1	Oil Ck Mt Diablo	129-A			Paleocene E zone			
435	Contra Costa	Antioch South	443	2	Oil Ck Mt Diablo	129-A			Paleocene E or D			
436	Contra Costa	Antioch South	443	4	Oil Ck Mt Diablo	129-A			not diagnostic			
437	Contra Costa	Antioch South	443	5	Oil Ck Mt Diablo	129-A			U Cret C/D-1 zones			
438	Contra Costa	Antioch South	443	6	Oil Ck Mt Diablo	129-A			U Cret E zone			
439	Contra Costa	Antioch South	443	7	Oil Ck Mt Diablo	129-A			U Cret E zone			
440	Contra Costa	Antioch South	443	8	Oil Ck Mt Diablo	129-A			U Cret D-2 zone			
441	Contra Costa	Antioch South	443	9	Oil Ck Mt Diablo	129-A			U Cret C/D-1 zones			
442	Contra Costa	Antioch South	443	10	Oil Ck Mt Diablo	129-A			U Cret F zone			
443	Contra Costa	Antioch South	443	11	Oil Ck Mt Diablo	129-A			U Cret E zone			
444	Contra Costa	Antioch South	443	12	Oil Ck Mt Diablo	129-A			U Cret E zone			
445	Contra Costa	Antioch South	443	13	Oil Ck Mt Diablo	129-A			U Cret D-2 zone			
446	Contra Costa	Antioch South	443	18	Oil Ck Mt Diablo	129-A			U Cret D-2 zone			
447	Contra Costa	Antioch South	443	19	Oil Ck Mt Diablo	129-A			U Cret D-2 zone			
448	Contra Costa	Antioch South	443	20	Oil Ck Mt Diablo	129-A			U Cret D-2 zone			
449	Contra Costa	Antioch South	443	21	Oil Ck Mt Diablo	129-A			U Cret D-2 zone			
450	Contra Costa	Antioch South	443	22	Oil Ck Mt Diablo	129-A			U Cret D-2 zone			
451	Contra Costa	Antioch South	443	23	Oil Ck Mt Diablo	129-A			U Cret D-2 zone			
452	Contra Costa	Antioch South	443	24	Oil Ck Mt Diablo	129-A			U Cret D-2 zone			
453	Contra Costa	Antioch South	443	25	Oil Ck Mt Diablo	129-A			U Cret D-2 zone			
454	Contra Costa	Antioch South	443	26	Oil Ck Mt Diablo	129-A			U Cret D-2 zone			
455	Contra Costa	Antioch South	443	27	Oil Ck Mt Diablo	129-A			U Cret F zone			
456	Contra Costa	Antioch South	443	28	Oil Ck Mt Diablo	129-A			U Cret F zone			
457	Contra Costa	Antioch South	443	30	Oil Ck Mt Diablo	129-A			no paleo info			
458	Contra Costa	Antioch South	443	31	Oil Ck Mt Diablo	129-A			no paleo info			
459	Contra Costa	Antioch South	443	32	Oil Ck Mt Diablo	129-A			no paleo info			
460	Contra Costa	Antioch South	443	33	Oil Ck Mt Diablo	129-A			U Cret E zone			
461	Contra Costa	Antioch South	443	35	Oil Ck Mt Diablo	129-A			U Cret D-2 zone			
462	Contra Costa	Antioch South	443	36	Oil Ck Mt Diablo	129-A			U Cret D-2 zone			
463	Contra Costa	Antioch South	443	37	Oil Ck Mt Diablo	129-A			U Cret D-2 zone			
464	Contra Costa	Antioch South	443	38	Oil Ck Mt Diablo	129-A			U Cret C/D-1 zones			
465	Contra Costa	Antioch South	443	40	Oil Ck Mt Diablo	129-A			U Cret C/D-1 zones			
466	Contra Costa	Antioch South	443	42	Oil Ck Mt Diablo	129-A			U Cret C/D-1 zones			
467	Contra Costa	Antioch South	443	45	Oil Ck Mt Diablo	129-A			U Cret C/D-1 zones			
468	Contra Costa	Antioch South	443	46	Oil Ck Mt Diablo	129-A			U Cret F zone			
469	Contra Costa	Antioch South	443	47	Oil Ck Mt Diablo	129-A			U Cret F zone			
470	Contra Costa	Antioch South	443	48	Oil Ck Mt Diablo	129-A			U Cret F zone			
471	Contra Costa	Antioch South	443	49	Oil Ck Mt Diablo	129-A			U Cret F zone			
472	Contra Costa	Antioch South	443	50	Oil Ck Mt Diablo	129-A			U Cret F zone			
473	Contra Costa	Antioch South	443	51	Oil Ck Mt Diablo	129-A			U Cret F zone			
474	Contra Costa	Antioch South	443	52	Oil Ck Mt Diablo	129-A			U Cret F zone			
475	Contra Costa	Antioch South	443	53	Oil Ck Mt Diablo	129-A			U Cret F zone			
476	Contra Costa	Antioch South	443	54	Oil Ck Mt Diablo	129-A			U Cret F zone			
477	Contra Costa	Antioch South	443	55	Oil Ck Mt Diablo	129-A			U Cret F zone			
478	Contra Costa	Antioch South	443	56	Oil Ck Mt Diablo	129-A			U Cret F zone			
479	Contra Costa	Antioch South	443	57	Oil Ck Mt Diablo	129-A			U Cret F zone			
480	Contra Costa	Antioch South	443	58	Oil Ck Mt Diablo	129-A			U Cret F zone			
481	Contra Costa	Antioch South	443	60	Oil Ck Mt Diablo	129-A			U Cret F zone			
482	Contra Costa	Antioch South	443	70	Oil Ck Mt Diablo	129-A			no paleo info			
483	Contra Costa	Antioch South	443	71	Oil Ck Mt Diablo	129-A			no paleo info			
484	Contra Costa	Antioch South	443	72	Oil Ck Mt Diablo	129-A			no paleo info			
485	Contra Costa	Antioch South	443	73	Oil Ck Mt Diablo	129-A			no paleo info			
486	Contra Costa	Antioch South	443	74	Oil Ck Mt Diablo	129-A			U Cret H zone			
487	Contra Costa	Antioch South	443	75	Oil Ck Mt Diablo	129-A			U Cret H zone			
488	Contra Costa	Antioch South	443	76	Oil Ck Mt Diablo	129-A			U Cret H zone			
489	Contra Costa	Antioch South	443	81	Oil Ck Mt Diablo	129-A			U Cret J-1 zone			
490	Contra Costa	Antioch South	443	82	Oil Ck Mt Diablo	129-A			U Cret J-1 zone			
491	Contra Costa	Antioch South	657		Mt Diablo	E-9	151N/1E	Martinez	Paleocene E zone			
492	Contra Costa	Antioch South	747	1	Oil Canyon	123-E	not on map		Paleocene E zone	Lewis &		
493	Contra Costa	Antioch South	747	2	Oil Canyon	123-E	not on map		Paleocene E zone	Lewis &		
494	Contra Costa	Antioch South	747	3	Oil Canyon	123-E	not on map		Lower Eocene	Lewis &		
495	Contra Costa	Antioch South	838		S of Stewartville	A-12	Sidney shale	10/1N/1E	Eocene	Kirby		
496	Contra Costa	Antioch South	839		S of Stewartville	A-12	Sidney shale	10/1N/1E	Eocene	Kirby		
497	Contra Costa	Antioch South	843	700	S of Somersville	A-12	Meganos C	NE4-9/1N/1E	Eocene	Solari		
498	Contra Costa	Antioch South	844	701	S of Somersville	A-12	Meganos C	NW4-10/1N/1	Eocene	Solari		
499	Contra Costa	Antioch South	860		not on map	B-2	27/1N/1E (SLURP)	age from slide	Cretaceous	Solari		
500	Contra Costa	Antioch South	861		not on map	B-2	24/1N/1E etc	age from slide	Cretaceous	Solari		
501	Contra Costa	Antioch South	862		not on map	B-2	33/1N/2E	age from slide	Cretaceous	Solari		
502	Contra Costa	Antioch South	865		not on map	B-2	30/1N/2E	age from slide	Cretaceous	Solari		
503	Contra Costa	Antioch South	866		not on map	B-2	30/1N/2E	age from slide	Cretaceous	Solari		
504	Contra Costa	Antioch South	867		not on map	B-2	29/1N/2E	age from slide	Cretaceous	Solari		
505	Contra Costa	Antioch South	869		not on map	B-2	30/1N/2E	age from slide	Cretaceous	Solari		
506	Contra Costa	Antioch South	876		not on map	B-2	29/1N/2E (SLP)	age from slide	Cretaceous	Solari		
507	Contra Costa	Antioch South	877		not on map	B-2	32/1N/2E (SLP)	strat column	not diagnostic	Solari		
508	Contra Costa	Antioch South	878		not on map	B-2	32/1N/2E (SLP)	age from slide	Cretaceous	Solari		
509	Contra Costa	Antioch South	879		not on map	B-2	32/1N/2E (SLP)	strat column	not diagnostic	Solari		
510	Contra Costa	Antioch South	881		not on map	B-2	32/1N/2E (SLP)	age from slide	Cretaceous	Solari		
511	Contra Costa	Antioch South	885		not on map	B-2	31/1N/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		
512	Contra Costa	Antioch South	886		not on map	B-2	31/1N/2E (SLP)	age from slide	Cretaceous	Solari		
513	Contra Costa	Antioch South	887		not on map	B-2	31/1N/2E (SLP)	age from slide	Cretaceous	Solari		
514	Contra Costa	Antioch South	888		not on map	B-2	30/1N/2E (SLP)	age from slide	Cretaceous	Solari		
515	Contra Costa	Antioch South	889		not on map	B-2	36/1N/1E (SLP)	age from slide	Cretaceous	Solari		
516	Contra Costa	Antioch South	890		not on map	B-2	36/1N/1E (SLP)	age from slide	Cretaceous	Solari		
517	Contra Costa	Antioch South	891		not on map	B-2	29/1N/2E (SLP)	age from slide	Cretaceous	Solari		
518	Contra Costa	Antioch South	892		not on map	B-2		age from slide	Cretaceous	Solari		
519	Contra Costa	Antioch South	893		not on map	B-2	26/1N/1E (SLP)	age from slide	Cretaceous	Solari		
520	Contra Costa	Antioch South	894		not on map	B-2	26/1N/1E (SLP)	age from slide	Cretaceous	Solari		
521	Contra Costa	Antioch South	895		not on map	B-2	26/1N/1E (SLP)	age from slide	Cretaceous	Solari		
522	Contra Costa	Antioch South	896		not on map	B-2	26/1N/1E (SLP)	age from slide	Cretaceous	Solari		
523	Contra Costa	Antioch South	897		not on map	B-2	26/1N/1E (SLP)	age from slide	Cretaceous	Solari		
524	Contra Costa	Antioch South	898		not on map	B-2	23/1N/1E (SLP)	age from slide	Cretaceous	Solari		
525	Contra Costa	Antioch South	899		not on map	B-2	22/1N/1E (SLP)	age from slide	Cretaceous	Solari		
526	Contra Costa	Antioch South	900		not on map	B-2	22/1N/1E (SLP)	age from slide	Cretaceous	Solari		
527	Contra Costa	Antioch South	901		not on map	B-2	14/1N/1E (SLP)	age from slide	Cretaceous	Solari		
528	Contra Costa	Antioch South	905		not on map	B-2	15/1N/1E (SLP)	age from slide	Cretaceous	Solari		
529	Contra Costa	Antioch South	906		not on map	B-2	15/1N/1E (SLP)	age from slide	Cretaceous	Solari		
530	Contra Costa	Antioch South	907		not on map	B-2	15/1N/1E (SLP)	age from slide	Cretaceous	Solari		
531	Contra Costa	Antioch South	908		not on map	B-2	15/1N/1E (SLP)	age from slide	Cretaceous	Solari		
532	Contra Costa	Antioch South	909		not on map	B-2	15/1N/1E (SLP)	age from slide	Cretaceous	Solari		
533	Contra Costa	Antioch South	911		not on map	B-2	16/1N/1E (SLP)	age from slide	Cretaceous	Solari		
534	Contra Costa	Antioch South	912		not on map	B-2	16/1N/1E (SLP)	age from slide	Upper Cretaceous	Solari		
535	Contra Costa	Antioch South	913		not on map	B-2	22/1N/1E (SLP)	age from slide	Upper Cretaceous	Solari		
536	Contra Costa	Antioch South	914		not on map	B-2	22/1N/1E (SLP)	age from slide	Upper Cretaceous	Solari		
537	Contra Costa	Antioch South	915		not on map	B-2	22/1N/1E (SLP)	age from slide	Upper Cretaceous	Solari		
538	Contra Costa	Antioch South	916		not on map	B-2	1/1N/1E (SLP)	age from slide	Cretaceous	Solari		
539	Contra Costa	Antioch South	917		not on map	B-2	1/1N/1E (SLP)	age from slide	Cretaceous	Solari		
540	Contra Costa	Antioch South	918		not on map	B-2	22/1N/1E (SLP)	age from slide	Cretaceous	Solari		
541	Contra Costa	Antioch South	919		not on map	B-3	4/1N/1E (SLP)	age from slide	Cretaceous	Solari		
542	Contra Costa	Antioch South	920		not on map	B-3	15/1N/1E (SLP)	age from slide	Cretaceous	Solari		
543	Contra Costa	Antioch South	921		not on map	B-3	15/1N/1E (SLP)	age from slide	Cretaceous	Solari		
544	Contra Costa	Antioch South	923		not on map	B-3	16/1N/1E (SLP)	age from slide	Cretaceous	Solari		
545	Contra Costa	Antioch South	924		not on map	B-3	36/1N/1E (SLP)	age from slide	Cretaceous	Solari		
546	Contra Costa	Antioch South	925		not on map	B-3	36/1N/1E (SLP)	age from slide	Cretaceous	Solari		
547	Contra Costa	Antioch South	926		not on map	B-3	36/1N/1E (SLP)	age from slide	Cretaceous	Solari		
548	Contra Costa	Antioch South	927		not on map	B-3	36/1N/1E (SLP)	age from slide	Cretaceous	Solari		
549	Contra Costa	Antioch South	928		not on map	B-3	28/1N/1E (SLP)	age from slide	Cretaceous	Solari		
550	Contra Costa	Antioch South	928		not on map	B-3	28/1N/1E (SLP)	age strat col	Cretaceous	Solari		
551	Contra Costa	Antioch South	929		not on map	B-3	36/1N/1E (SLP)	age from slide	Cretaceous	Solari		
552	Contra Costa	Antioch South	931		not on map	B-3	22/1N/1E (SLP)	age from slide	Cretaceous	Solari		
553	Contra Costa	Antioch South	934		not on map	B-3	32/1N/2E (SLP)	age strat col	U Cret E zone	Solari		
554	Contra Costa	Antioch South	935		not on map	B-3	22/1N/2E (SLP)	age strat col	U Cret E zone	Solari		
555	Contra Costa	Antioch South	936		not on map	B-3	22/1N/2E (SLP)	age strat col	U Cret E zone	Solari		
556	Contra Costa	Antioch South	937		not on map	B-3	22/1N/1E (SLP)	age strat col	U Cret E zone	Solari		
557	Contra Costa	Antioch South	938		not on map	B-3	33/1N/1E	age strat col	barren	Solari		
558	Contra Costa	Antioch South	939		not on map	B-3	22/1N/1E (SLP)	age from slide	Cretaceous	Solari		
559	Contra Costa	Antioch South	940		not on map	B-3	22/1N/1E (SLP)	age from slide	Cretaceous	Solari		
560	Contra Costa	Antioch South	941		not on map	B-3	28/1N/1E (SLP)	age from slide	Cretaceous	Solari		
561	Contra Costa	Antioch South	942		not on map	B-3	21/1N/1E (SLP)	age from slide	Cretaceous	Solari		
562	Contra Costa	Antioch South	943		not on map	B-3	34/1N/1E (SLP)	age strat col	U Cret J-1 zone	Solari		
563	Contra Costa	Antioch South	944		not on map	B-3	15/1N/1E (SLP)	age from slide	Cretaceous	Solari		
564	Contra Costa	Antioch South	945		not on map	B-3	15/1N/1E (SLP)	age from slide	Cretaceous	Solari		
565	Contra Costa	Antioch South	946		not on map	B-3	15/1N/1E (SLP)	age strat col	U Cret C/D-1	Solari		
566	Contra Costa	Antioch South	947		not on map	B-3	15/1N/1E (SLP)	age from slide	Cretaceous	Solari		
567	Contra Costa	Antioch South	948		not on map	B-3	15/1N/1E (SLP)	age from slide	Cretaceous	Solari		
568	Contra Costa	Antioch South	949		not on map	B-3	15/1N/1E (SLP)	age strat col	U Cret C/D-1	Solari		
569	Contra Costa	Antioch South	950		not on map	B-3	20/1N/1E (SLP)	age from slide	Cretaceous	Solari		
570	Contra Costa	Antioch South	983		not on map	B-3	15/1N/1E (SLP)	age strat col	Upper Cretaceous			
571	Contra Costa	Antioch South	984		not on map	B-3	15/1N/1E (SLP)	age from slide	no paleo info			
572	Contra Costa	Antioch South	1494		N of Antioch Airpt	83-I	31/2N/2E	rare rads	Eocene	Newton		
573	Contra Costa	Antioch South	1495		E of Antioch Airpt	83-I	33/2N/2E		not diagnostic	Newton		
574	Contra Costa	Antioch South	1496	A	E of Antioch Airpt	83-I	33/2N/2E	rare rads	Eocene	Newton		
575	Contra Costa	Antioch South	1496	C	E of Antioch Airpt	83-I	33/2N/2E	rare rads	not diagnostic	Newton		
576	Contra Costa	Antioch South	1496	D	E of Antioch Airpt	83-I	33/2N/2E	rare rads	not diagnostic	Newton		
577	Contra Costa	Antioch South	1496	K	E of Antioch Airpt	83-I	33/2N/2E	rare rads	not diagnostic	Newton		
578	Contra Costa	Antioch South	1497	2	E of Antioch Airpt	83-I	4/1N/2E	seis Ln A-304	Eocene A-2	Newton		
579	Contra Costa	Antioch South	1497	3	E of Antioch Airpt	83-I	4/1N/2E	seis Ln A-304	Eocene A-2	Newton		
580	Contra Costa	Antioch South	1497	4	E of Antioch Airpt	83-I	4/1N/2E	seis Ln A-304	Eocene A-2	Newton		
581	Contra Costa	Antioch South	3778		not on map	129-B	age from strat col		U Cret E zone	Christian		
582	Contra Costa	Antioch South	3779		not on map	129-B	age from strat col		Upper Cretaceous	Christian		
583	Contra Costa	Antioch South	3815		Deer Vly Rd area	120-G	32/1N/2E		U Cret E zone	Christian		
584	Contra Costa	Antioch South	3884		Nr Stewartville	121-E	11/1N/1E (SLP)		not diagnostic			
585	Contra Costa	Antioch South	3885		Nr Stewartville	121-E	11/1N/1E (SLP)		Eocene B-4 zone			
586	Contra Costa	Antioch South	3886		Nr Stewartville	121-E	11/1N/1E (SLP)		Eocene B-4 zone			
587	Contra Costa	Antioch South	3887		Nr Stewartville	121-E	11/1N/1E (SLP)		Eocene			
588	Contra Costa	Antioch South	3888		Nr Stewartville	121-E	11/1N/1E (SLP)		not diagnostic			
589	Contra Costa	Antioch South	3889		Nr Stewartville	121-E	11/1N/1E (SLP)		Eocene			
590	Contra Costa	Antioch South	3890		Nr Stewartville	121-E	14/1N/1E (SLP)		Paleocene D zone			
591	Contra Costa	Antioch South	3891		Nr Stewartville	121-E	14/1N/1E (SLP)		Paleocene D zone			
592	Contra Costa	Antioch South	6772		Marsh Creek Road	82-B			no paleo info			
593	Contra Costa	Antioch South	6773		Marsh Creek Road	82-B			no paleo info			
594	Contra Costa	Antioch South	6774		Marsh Creek Road	82-B			no paleo info			
595	Contra Costa	Antioch South	6775		Marsh Creek Road	82-B			no paleo info			
596	Contra Costa	Antioch South	6776		Marsh Creek Road	82-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/AG	COLLECTORS		
682	Contra Costa	Antioch South	21375	573	Marsh Creek Road	208-E		age from map	U Cret F-1 zone	Colburn		
683	Contra Costa	Antioch South	21377	575	Marsh Creek Road	208-E		age from map	U Cret H or older	Colburn		
684	Contra Costa	Antioch South	21378	576	Marsh Creek Road	208-E		age from map	not diagnostic	Colburn		
685	Contra Costa	Antioch South	21379	577	Marsh Creek Road	208-E		age from map	U Cret H or older	Colburn		
686	Contra Costa	Antioch South	21380	578	Marsh Creek Road	208-E		age from map	U Cret H or older	Colburn		
687	Contra Costa	Antioch South	21382	580	Marsh Creek Road	208-E			U Cret H or older	Colburn		
688	Contra Costa	Antioch South	21385	41	Briones Valley Rd	208-E			U Cret F zone	Colburn		
689	Contra Costa	Antioch South	21386	42	Briones Valley Rd	208-E			U Cret E/G zones	Colburn		
690	Contra Costa	Antioch South	21387		Deer Valley Road	208-E		age from map	not diagnostic	Colburn		
691	Contra Costa	Antioch South	21396	397	Oil Canyon	208-E			U Cret E/G zones	Colburn		
692	Contra Costa	Antioch South	21398	401	Deer Valley Road	208-E			Paleocene D/E zo	Colburn		
693	Contra Costa	Antioch South	21405	539	S of Stewartville	208-E			Paleocene E zone	Colburn		
694	Contra Costa	Antioch South	21461	1A	Deer Valley Road	226-E	Mt Diablo auger	excell fauna	U Cret E zone	Brenna		
695	Contra Costa	Antioch South	21461	1B	Deer Valley Road	226-E	Mt Diablo auger		U Cret E zone	Brenna		
696	Contra Costa	Antioch South	21461	2A	Deer Valley Road	226-E	Mt Diablo auger		U Cret E zone	Brenna		
697	Contra Costa	Antioch South	21461	2B	Deer Valley Road	226-E	Mt Diablo auger		U Cret E zone	Brenna		
698	Contra Costa	Antioch South	21461	3A	Deer Valley Road	226-F	Mt Diablo auger		U Cret E zone	Brenna		
699	Contra Costa	Antioch South	21461	3B	Deer Valley Road	226-F	Mt Diablo auger		U Cret E zone	Brenna		
700	Contra Costa	Antioch South	21461	3C	Deer Valley Road	226-F	Mt Diablo auger		U Cret E zone	Brenna		
701	Contra Costa	Antioch South	21461	3AA	Deer Valley Road	226-F	Mt Diablo auger		U Cret E zone	Brenna		
702	Contra Costa	Antioch South	21461	3AAB	Deer Valley Road	226-F	Mt Diablo auger		U Cret E zone	Brenna		
703	Contra Costa	Antioch South	21461	3BB	Deer Valley Road	226-F	Mt Diablo auger		U Cret E zone	Brenna		
704	Contra Costa	Antioch South	21461	4	Deer Valley Road	226-F	Mt Diablo auger		U Cret E zone	Brenna		
705	Contra Costa	Antioch South	21464	1	Marsh Creek Road	226-G	Mt Diablo auger		U Cret F-2 zone	Brenna		
706	Contra Costa	Antioch South	21464	2	Marsh Creek Road	226-G	Mt Diablo auger		U Cret F-2 zone	Brenna		
707	Contra Costa	Antioch South	21465	3A	SW corner quad	226-G	Mt Diablo auger		L Cret J zone	Brenna		
708	Contra Costa	Antioch South	21465	3B	SW corner quad	226-G	Mt Diablo auger		L Cret J zone	Brenna		
709	Contra Costa	Antioch South	21465	3C	SW corner quad	226-G	Mt Diablo auger		L Cret J zone	Brenna		
710	Contra Costa	Antioch South	21465	4A	SW corner quad	226-G	Mt Diablo auger		L Cret J-2 zone	Brenna		
711	Contra Costa	Antioch South	21465	6A	SW corner quad	226-G	Mt Diablo auger		L Cret J-1 zone	Brenna		
712	Contra Costa	Antioch South	21465	6B	SW corner quad	226-G	Mt Diablo auger		L Cret J-1 zone	Brenna		
713	Contra Costa	Antioch South	21465	7	SW corner quad	226-G	Mt Diablo auger		not diagnostic	Brenna		
714	Contra Costa	Antioch South	22735		Deer Valley Road	248-M	Mt Diablo area		no paleo info			
715	Contra Costa	Antioch South	22736	2	Deer Valley	248-M	Mt Diablo area		no paleo info			
716	Contra Costa	Antioch South	22736	2A	Deer Valley	248-M	Mt Diablo area		no paleo info			
717	Contra Costa	Antioch South	22737	3	Deer Valley	248-M	Mt Diablo area		no paleo info			
718	Contra Costa	Antioch South	22737	3A	Deer Valley	248-M	Mt Diablo area		no paleo info			
719	Contra Costa	Antioch South	22738	4	Deer Valley	248-M	Mt Diablo area		no paleo info			
720	Contra Costa	Antioch South	22738	4A	Deer Valley	248-M	Mt Diablo area		no paleo info			
721	Contra Costa	Antioch South	22739	5	Deer Valley	248-M	Mt Diablo area		no paleo info			
722	Contra Costa	Antioch South	22740	6A	Stewartsville	248-M	Mt Diablo area		no paleo info			
723	Contra Costa	Antioch South	22740	6B	Stewartsville	248-M	Mt Diablo area		no paleo info			
724	Contra Costa	Antioch South	22740	6C	Stewartsville	248-M	Mt Diablo area		no paleo info			
725	Contra Costa	Antioch South	22740	6D	Stewartsville	248-M	Mt Diablo area		no paleo info			
726	Contra Costa	Antioch South	22741	7A	Stewartsville	248-M	Mt Diablo area		no paleo info			
727	Contra Costa	Antioch South	22741	7B	Stewartsville	248-M	Mt Diablo area		no paleo info			
728	Contra Costa	Antioch South	22741	7C	Stewartsville	248-M	Mt Diablo area		no paleo info			
729	Contra Costa	Antioch South	22908	1	Marsh Creek	247-G	Mt Diablo 15'	age from map	Upper Cretaceous			
730	Contra Costa	Antioch South	22908	2	Deer Creek Road	247-G	Mt Diablo 15'	age from map	Upper Cretaceous			
731	Contra Costa	Antioch South	22909		Deer Creek Road	247-G	Mt Diablo 15'		no paleo info			
732	Contra Costa	Antioch South	22910		Deer Creek Road	247-G	Mt Diablo 15'		no paleo info			
733	Contra Costa	Antioch South	22911		Briones Valley	247-G	Mt Diablo 15'		no paleo info			
734	Contra Costa	Antioch South	22913		E of Stewartsville	247-G	Mt Diablo 15'		no paleo info			
735	Contra Costa	Antioch South	22914	2	Oil Creek	247-G	Mt Diablo 15'		no paleo info			
736	Contra Costa	Antioch South	22914	3	Oil Creek	247-G	Mt Diablo 15'		no paleo info			
737	Contra Costa	Antioch South	22914	4	Oil Creek	247-G	Mt Diablo 15'		no paleo info			
738	Contra Costa	Antioch South	22914	5	Oil Creek	247-G	Mt Diablo 15'		no paleo info			
739	Contra Costa	Antioch South	22914	6	Oil Creek	247-G	Mt Diablo 15'		no paleo info			
740	Contra Costa	Antioch South	22914	7	Oil Creek	247-H	Mt Diablo 15'		no paleo info			
741	Contra Costa	Antioch South	22914	8	Oil Creek	247-H	Mt Diablo 15'		no paleo info			
742	Contra Costa	Antioch South	22915	2	Oil Creek	247-H	Mt Diablo 15'		no paleo info			
743	Contra Costa	Antioch South	22916		Oil Creek	247-H	Mt Diablo 15'		no paleo info			
744	Contra Costa	Antioch South	22917		Oil Creek	247-H	Mt Diablo 15'		no paleo info			
745	Contra Costa	Antioch South	22918		Oil Creek	247-H	Mt Diablo 15'		no paleo info			
746	Contra Costa	Antioch South	22919		Oil Creek	247-G	Mt Diablo 15'		no paleo info			
747	Contra Costa	Antioch South	22920		Deer Valley	247-G	Mt Diablo 15'		no paleo info			
748	Contra Costa	Antioch South	22921	1	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
749	Contra Costa	Antioch South	22921	2	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
750	Contra Costa	Antioch South	22921	3	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
751	Contra Costa	Antioch South	22921	4	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
752	Contra Costa	Antioch South	22921	5	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
753	Contra Costa	Antioch South	22921	6	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
754	Contra Costa	Antioch South	22921	7	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
755	Contra Costa	Antioch South	22921	8	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
756	Contra Costa	Antioch South	22923	1	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
757	Contra Costa	Antioch South	22923	2	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
758	Contra Costa	Antioch South	22923	3	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
759	Contra Costa	Antioch South	22923	4	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
760	Contra Costa	Antioch South	22924	1	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
761	Contra Costa	Antioch South	22924	2	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
762	Contra Costa	Antioch South	22924	3	Stewartsville	247-G	Mt Diablo 15'		no paleo info			
763	Contra Costa	Antioch South	22926		Stewartsville	247-G	Mt Diablo 15'		no paleo info			
764	Contra Costa	Antioch South	22953		Deer Valley	202-B			Cret/Paleocene	Lyon		
765	Contra Costa	Antioch South	28601		Marsh Creek Road	25-B	36/1N/1E (SLP)	SLURP age	U Cret H zone	Polugar		
766	Contra Costa	Antioch South	28603		Deer Valley Road	25-B	32/1N/2E (SLP)	SLURP age	U Cret F zone	Polugar		

	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		
767	Contra Costa	Antioch South	28604		Deer Valley Road	25-B	32/1N/2E (SLP)		no paleo info	Polugar		
768	Contra Costa	Antioch South	28605		Marsh Creek	25-B	32/1N/2E (SLP)	SLURP age	U Cret F zone	Polugar		
769	Contra Costa	Antioch South?	273	2	Mt Diablo area	51-J			Cret	Solari		
770	Contra Costa	Antioch South?	273	3	Mt Diablo area	51-J			Cret	Solari		
771	Contra Costa	Antioch South?	273	4	Mt Diablo area	51-J			Cret	Solari		
772	Contra Costa	Antioch South?	273	5	Mt Diablo area	51-K			Cret	Solari		
773	Contra Costa	Antioch South?	273	6	Mt Diablo area	51-K			Cret	Solari		
774	Contra Costa	Antioch South?	273	7	Mt Diablo area	51-K			Cret	Solari		
775	Contra Costa	Antioch South?	273	8	Mt Diablo area	51-K			Cret	Solari		
776	Contra Costa	Antioch South?	273	9	Mt Diablo area	51-K			Cret	Solari		
777	Contra Costa	Antioch South?	273	10	Mt Diablo area	51-K			Cret	Solari		
778	Contra Costa	Antioch South?	273	11	Mt Diablo area	51-K			Cret	Solari		
779	Contra Costa	Antioch South?	273	12	Mt Diablo area	51-K			Cret	Solari		
780	Contra Costa	Antioch South?	273	12RW	Mt Diablo area	51-K			Cret	Solari		
781	Contra Costa	Antioch South?	922		not on map	B-3		age from slide	Cretaceous	Solari		
782	Humboldt	Arcata South	21307		SE of Freshwater	260-A	Eureka 15'		Upper Pliocene			
783	Humboldt	Arcata South	21322	5	Cloney Gulch	260-B	Eureka 15'		Upper Pliocene	Read		
784	Humboldt	Arcata South	21322	7	Cloney Gulch	260-B	Eureka 15'		not diagnostic	Read		
785	Humboldt	Arcata South	21323	1	McCreedy Gulch	260-B	Eureka 15'		not diagnostic	Read		
786	Humboldt	Arcata South	21335	1	Freshwater Cornr	260-B	Eureka 15'		barren	Read		
787	Humboldt	Arcata South	21335	2	Freshwater Cornr	260-B	Eureka 15'		barren	Read		
788	Humboldt	Arcata South	21338	1	E of Freshwater	260-C	Fortuna 15'		Upper Pliocene	Read		
789	Humboldt	Arcata South	21339	1	E of Freshwater	260-C	Fortuna 15'		barren	Read		
790	Humboldt	Arcata South	21339	2	E of Freshwater	260-C	Fortuna 15'		Upper Pliocene	Read		
791	Humboldt	Arcata South	22384	7	At Freshwater	240-C	Eureka 15'		Pliocene			
792	Humboldt	Arcata South	22384	8	At Freshwater	240-C	Eureka 15'		not diagnostic			
793	Humboldt	Arcata South	22384	9	At Freshwater	240-C	Eureka 15'	Has reworked	Pliocene			
794	San Luis Obispo	Arroyo Grande NE	1143	N5	Huasna Basin	69-A	Arroyo Grande 15'		Lower Zemorrian	Newbill		
795	San Luis Obispo	Arroyo Grande NE	1144	N6	Huasna Basin	69-A	Arroyo Grande 15'		Lower Zemorrian	Newbill		
796	San Luis Obispo	Arroyo Grande NE	1145	N7	Huasna Basin	69-A	Arroyo Grande 15'		Lower Relizian	Newbill		
797	San Luis Obispo	Arroyo Grande NE	1502		WC part of quad	22-G	Arroyo Grande 15'		no paleo info			
798	San Luis Obispo	Arroyo Grande NE	1519		Edna area	69-A	Arroyo Grande 15'		no paleo info	Newbill		
799	San Luis Obispo	Arroyo Grande NE	1520		Edna area	69-A	Arroyo Grande 15'		no paleo info	Newbill		
800	San Luis Obispo	Arroyo Grande NE	1525		Edna area	22-G	Arroyo Grande 15'		Luisian	McMichael		
801	San Luis Obispo	Arroyo Grande NE	1751		Slide Hill	69-B	Arroyo Grande 15'		Relizian	Newbill		
802	San Luis Obispo	Arroyo Grande NE	1752		Slide Hill	69-B	Arroyo Grande 15'		not diagnostic	Newbill		
803	San Luis Obispo	Arroyo Grande NE	1929		Arroyo Grande Ck	69-K	Arroyo Grande 15'		no paleo info	Newbill		
804	San Luis Obispo	Arroyo Grande NE	1936		Slide Hill	73-K			no paleo info	Carlisle		
805	San Luis Obispo	Arroyo Grande NE	1937		Slide Hill	69-E			Zem/Saucesian	Newbill		
806	San Luis Obispo	Arroyo Grande NE	1937	A	Slide Hill	69-E			Zem/Saucesian	Newbill		
807	San Luis Obispo	Arroyo Grande NE	1937	B	Slide Hill	69-E			Zem/Saucesian	Newbill		
808	San Luis Obispo	Arroyo Grande NE	1937	C	Slide Hill	69-E			Zem/Saucesian	Newbill		
809	San Luis Obispo	Arroyo Grande NE	1937	D	Slide Hill	69-E			Zem/Saucesian	Newbill		
810	San Luis Obispo	Arroyo Grande NE	1937	E	Slide Hill	69-E			Zem/Saucesian	Newbill		
811	San Luis Obispo	Arroyo Grande NE	11016		Round Top area	79-H	Arroyo Grande 15'	Obispo tuff	prob Relizian	Kraetsch		
812	San Luis Obispo	Arroyo Grande NE	11017		Round Top area	79-H	Arroyo Grande 15'		barren	Kraetsch		
813	San Luis Obispo	Arroyo Grande NE	11019		Round Top area	79-H	Arroyo Grande 15'		Lower Miocene	Kraetsch		
814	San Luis Obispo	Arroyo Grande NE	11019	RW	Round Top area	79-H	Arroyo Grande 15'		Lower Miocene	Kraetsch		
815	San Luis Obispo	Arroyo Grande NE	11020		Round Top area	79-H	Arroyo Grande 15'		Relizian	Kraetsch		
816	San Luis Obispo	Arroyo Grande NE	11021		Round Top area	79-H	Arroyo Grande 15'		poss L Miocene	Kraetsch		
817	San Luis Obispo	Arroyo Grande NE	11022		Round Top area	79-H	Arroyo Grande 15'		Relizian	Kraetsch		
818	San Luis Obispo	Arroyo Grande NE	11023		Round Top area	79-H	Arroyo Grande 15'	abun planktics	not diagnostic	Kraetsch		
819	San Luis Obispo	Arroyo Grande NE	11038		Ar Grande Creek	79-H			barren	Kraetsch		
820	San Diego	Arroyo Tapaido	9521	23	Fish Creek Wash	85-I	Carrizo Mtn 15'		Miocene			
821	San Diego	Arroyo Tapaido	9521	24	Fish Creek Wash	85-I	Carrizo Mtn 15'		Miocene			
822	San Diego	Arroyo Tapaido	9521	26	Fish Creek Wash	85-I	Carrizo Mtn 15'		Miocene			
823	San Diego	Arroyo Tapaido	9521	29	Fish Creek Wash	85-I	Carrizo Mtn 15'		Miocene			
824	San Luis Obispo	Atascadero	1440		E of Eagle Peak	82-D	S. Luis Obispo 15'		Upper Luisian	Higgins		
825	San Luis Obispo	Atascadero	1441		E of Eagle Peak	82-D	S. Luis Obispo 15'		Upper Luisian	Higgins		
826	San Luis Obispo	Atascadero	2044		NC part of quad	69-G	San Luis Obispo 15'		Upper Relizian	Newbill		
827	San Luis Obispo	Atascadero	9995		Graves Ck section	86-L	S Luis Obispo 15'	picked species	no paleo info			
828	San Luis Obispo	Atascadero	9996	1	Graves Ck section	86-L	S Luis Obispo 15'	picked species	Upper Saucesian			
829	San Luis Obispo	Atascadero	9996	2	Graves Ck section	86-L	S Luis Obispo 15'	picked species	Upper Saucesian			
830	San Luis Obispo	Atascadero	9996	3	Graves Ck section	86-L	S Luis Obispo 15'	picked species	Upper Saucesian			
831	San Luis Obispo	Atascadero	9996	4	Graves Ck section	86-L	S Luis Obispo 15'	picked species	Upper Saucesian			
832	San Luis Obispo	Atascadero	9996	5	Graves Ck section	86-L	S Luis Obispo 15'	picked species	Upper Saucesian			
833	San Luis Obispo	Atascadero	9996	6	Graves Ck section	86-L	S Luis Obispo 15'	picked species	Upper Saucesian			
834	San Luis Obispo	Atascadero	9996	6A	Graves Ck section	86-L	S Luis Obispo 15'	picked species	Upper Saucesian			
835	San Luis Obispo	Atascadero	9996	7	Graves Ck section	86-L	S Luis Obispo 15'	picked species	Upper Saucesian			
836	San Luis Obispo	Atascadero	9996	7A	Graves Ck section	86-L	S Luis Obispo 15'	picked species	Upper Saucesian			
837	San Luis Obispo	Atascadero	9996	8	Graves Ck section	86-L	S Luis Obispo 15'	picked species	Upper Saucesian			
838	San Luis Obispo	Atascadero	9996	8A	Graves Ck section	86-L	S Luis Obispo 15'	picked species	Upper Saucesian			
839	San Luis Obispo	Atascadero	9996	9	Graves Ck section	86-L	S Luis Obispo 15'	picked species	Lower Relizian			
840	San Luis Obispo	Atascadero	9996	10	Graves Ck section	86-L	S Luis Obispo 15'	picked species	Lower Relizian			
841	San Luis Obispo	Atascadero	9996	11	Graves Ck section	86-L	S Luis Obispo 15'	picked species	Lower Relizian			
842	San Luis Obispo	Atascadero	9996	12	Graves Ck section	86-L	S Luis Obispo 15'	picked species	Lower Relizian			
843	San Luis Obispo	Atascadero	9996	13	Graves Ck section	86-L	S Luis Obispo 15'	picked species	Upper Relizian			
844	San Luis Obispo	Atascadero	11653		not on map	128-N		rubber casts	Lower Mohnian	Kistler		
845	San Luis Obispo	Atascadero	11654		not on map	84-K	S Luis Obispo 15'		Luisian			
846	San Luis Obispo	Atascadero	11655		S of Atascadero	84-K	S Luis Obispo 15'		Lower Mohnian			
847	San Luis Obispo	Atascadero	11656		S of Atascadero	84-K	S Luis Obispo 15'		Lower Mohnian			
848	San Luis Obispo	Atascadero	11657		not on map	84-K	S Luis Obispo 15'		not diagnostic			
849	San Luis Obispo	Atascadero	11658		E of Atascadero	84-K	S Luis Obispo 15'		Lower Mohnian			
850	San Luis Obispo	Atascadero	11659		not on map	84-K	S Luis Obispo 15'		Lower Mohnian			
851	San Luis Obispo	Atascadero	11660		SE of Atascadero	123-J	S Luis Obispo 15'	diatoms	barren	Kistler		

	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		
852	San Luis Obispo	Atascadero	11661		SE of Atascadero	123-J	S Luis Obispo 15'		Mohnian	Kistler		
853	San Luis Obispo	Atascadero	11662		Salinas River	123-J	S Luis Obispo 15'		prob U Miocene	Kistler		
854	San Luis Obispo	Atascadero	11665		S of Atascadero	123-J	S Luis Obispo 15'		no paleo info	Kistler		
855	San Luis Obispo	Atascadero	11713		SE of Atascadero	161-N	S Luis Obispo 15'		no paleo info	Kistler		
856	San Luis Obispo	Atascadero	11714		SE of Atascadero	161-N	S Luis Obispo 15'		no paleo info	Kistler		
857	San Luis Obispo	Atascadero	11716		SE of Atascadero	161-N	S Luis Obispo 15'		no paleo info	Kistler		
858	Los Angeles	Azusa	6477	B	SW part of quad	58-I			no age info			
859	Santa Barbara	Bald Mountain	43	4	Burro Creek	68-B	McPherson Pk 15'		no paleo info	Kraetsch		
860	Santa Barbara	Bald Mountain	43	5	Burro Creek	68-B	McPherson Pk 15'		no paleo info	Kraetsch		
861	Santa Barbara	Bald Mountain	43	6	Burro Creek	68-B	McPherson Pk 15'		no paleo info	Kraetsch		
862	Santa Barbara	Bald Mountain	43	7	Burro Creek	68-B	McPherson Pk 15'		no paleo info	Kraetsch		
863	Santa Barbara	Bald Mountain	43	8	Burro Creek	68-B	McPherson Pk 15'		no paleo info	Kraetsch		
864	Santa Barbara	Bald Mountain	43	9	Burro Creek	68-B	McPherson Pk 15'		no paleo info	Kraetsch		
865	Santa Barbara	Bald Mountain	3668		Sisquoc River	69-J	McPherson Pk 15'		Relizian	Kraetsch		
866	Santa Barbara	Bald Mountain	8162		S of Bald Mtn	68-J	McPherson Pk 15'		no paleo info			
867	Santa Barbara	Bald Mountain	8163		S of Bald Mtn	68-J	McPherson Pk 15'		no paleo info			
868	Santa Barbara	Bald Mountain	8164		Burro Canyon	68-J	McPherson Pk 15'		no paleo info			
869	Santa Barbara	Bald Mountain	8165		Burro Canyon	68-J	McPherson Pk 15'		no paleo info			
870	Santa Barbara	Bald Mountain	8166		Burro Canyon	68-J	McPherson Pk 15'		no paleo info			
871	Santa Barbara	Bald Mountain	8167		Burro Canyon	68-J	McPherson Pk 15'		no paleo info			
872	Santa Barbara	Bald Mountain	8169		SE of Bald Mtn	68-J	McPherson Pk 15'		no paleo info			
873	Los Angeles	Baldwin Park	675	1	San Jose Hills	75-N	strat column		Pliocene	Padgham		
874	Los Angeles	Baldwin Park	675	10	San Jose Hills	75-N			Upper Mohnian	Padgham		
875	Los Angeles	Baldwin Park	675	23	San Jose Hills	75-N			Upper Mohnian	Padgham		
876	Los Angeles	Baldwin Park	675	28	San Jose Hills	75-N			Upper Mohnian	Padgham		
877	Los Angeles	Baldwin Park	675	29	San Jose Hills	75-N			Upper Mohnian	Padgham		
878	Los Angeles	Baldwin Park	675	33	San Jose Hills	75-N			Upper Mohnian	Padgham		
879	Los Angeles	Baldwin Park	675	34	San Jose Hills	75-N			Upper Mohnian	Padgham		
880	Los Angeles	Baldwin Park	675	36	San Jose Hills	75-N			Upper Mohnian	Padgham		
881	Los Angeles	Baldwin Park	675	37	San Jose Hills	75-N			Upper Mohnian	Padgham		
882	Los Angeles	Baldwin Park	675	38	San Jose Hills	75-N			Upper Mohnian	Padgham		
883	Los Angeles	Baldwin Park	675	39	San Jose Hills	75-N			Upper Mohnian	Padgham		
884	Los Angeles	Baldwin Park	675	40	San Jose Hills	75-N			Upper Mohnian	Padgham		
885	Los Angeles	Baldwin Park	675	41	San Jose Hills	75-N			Upper Mohnian	Padgham		
886	Los Angeles	Baldwin Park	675	42	San Jose Hills	75-N			Upper Mohnian	Padgham		
887	Los Angeles	Baldwin Park	675	43	San Jose Hills	75-N			Upper Mohnian	Padgham		
888	Los Angeles	Baldwin Park	675	44	San Jose Hills	75-N			Upper Mohnian	Padgham		
889	Los Angeles	Baldwin Park	675	45	San Jose Hills	75-N			Upper Mohnian	Padgham		
890	Los Angeles	Baldwin Park	675	53	San Jose Hills	75-N			Upper Mohnian	Padgham		
891	Los Angeles	Baldwin Park	675	58	San Jose Hills	75-N			Middle Mohnian	Padgham		
892	Los Angeles	Baldwin Park	675	59	San Jose Hills	75-N			Middle Mohnian	Padgham		
893	Los Angeles	Baldwin Park	675	69	San Jose Hills	75-N			Middle Mohnian	Padgham		
894	Los Angeles	Baldwin Park	675	70	San Jose Hills	75-N			Middle Mohnian	Padgham		
895	Los Angeles	Baldwin Park	675	71	San Jose Hills	75-N			Middle Mohnian	Padgham		
896	Los Angeles	Baldwin Park	675	73	San Jose Hills	75-N			Middle Mohnian	Padgham		
897	Los Angeles	Baldwin Park	675	74	San Jose Hills	75-N			Middle Mohnian	Padgham		
898	Los Angeles	Baldwin Park	675	75	San Jose Hills	75-N			Middle Mohnian	Padgham		
899	Los Angeles	Baldwin Park	675	77	San Jose Hills	75-N			Middle Mohnian	Padgham		
900	Los Angeles	Baldwin Park	675	78	San Jose Hills	75-N			Middle Mohnian	Padgham		
901	Los Angeles	Baldwin Park	675	79	San Jose Hills	75-N			Middle Mohnian	Padgham		
902	Los Angeles	Baldwin Park	675	80	San Jose Hills	75-N			Middle Mohnian	Padgham		
903	Los Angeles	Baldwin Park	675	81	San Jose Hills	75-N			Middle Mohnian	Padgham		
904	Los Angeles	Baldwin Park	675	82	San Jose Hills	75-N			Middle Mohnian	Padgham		
905	Los Angeles	Baldwin Park	675	83	San Jose Hills	75-N			Middle Mohnian	Padgham		
906	Los Angeles	Baldwin Park	675	84	San Jose Hills	75-N			Middle Mohnian	Padgham		
907	Los Angeles	Baldwin Park	675	85	San Jose Hills	75-N			Middle Mohnian	Padgham		
908	Los Angeles	Baldwin Park	675	86	San Jose Hills	75-N			Middle Mohnian	Padgham		
909	Los Angeles	Baldwin Park	675	87	San Jose Hills	75-N			Middle Mohnian	Padgham		
910	Los Angeles	Baldwin Park	675	88	San Jose Hills	75-N			Middle Mohnian	Padgham		
911	Los Angeles	Baldwin Park	676	21	EC part of quad	75-M			Mohnian			
912	Los Angeles	Baldwin Park	8697		EC part of quad	77-C			Mohnian			
913	Los Angeles	Baldwin Park	8698		EC part of quad	77-C			Mohnian			
914	Los Angeles	Baldwin Park	8700		EC part of quad	77-C			Mohnian			
915	Kern	Ballinger Canyon	2615		Klipstein Ranch	89-L		abun forams	no paleo info			
916	Kern	Ballinger Canyon	2631		Ridge 4057	31-N			barren			
917	Kern	Ballinger Canyon	2632		Ridge 4057	31-N			indeterminate			
918	San Luis Obispo	Ballinger Canyon	2665		SW of Camp Dix	89-M			no paleo info			
919	Ventura	Ballinger Canyon	2700		SE part of quad	89-M		age from map	not diagnostic	Papp		
920	Kern	Ballinger Canyon	3074		NE part of quad	176-M			no paleo info	Ellinwood		
921	Kern	Ballinger Canyon	9454		Klipstein Ranch	137-B			no paleo info	Huppi		
922	Kern	Ballinger Canyon	22350	1	NC part of quad	235-B	slide says Grocer		no paleo info			
923	Kern	Ballinger Canyon	22350	2	NC part of quad	235-B	Grade		no paleo info			
924	Kern	Ballinger Canyon	22350	3	NC part of quad	235-B			no paleo info			
925	Kern	Ballinger Canyon	22350	4	NC part of quad	235-B			no paleo info			
926	Kern	Ballinger Canyon	22350	7	NC part of quad	235-B			no paleo info			
927	Kern	Ballinger Canyon	22350	9	NC part of quad	235-B			no paleo info			
928	Kern	Ballinger Canyon	22350	10	NC part of quad	235-B			no paleo info			
929	Kern	Ballinger Canyon	22350	11	NC part of quad	235-B			no paleo info			
930	Kern	Ballinger Canyon	22350	12	NC part of quad	235-B			no paleo info			
931	Kern	Ballinger Canyon	22350	16	NC part of quad	235-B			no paleo info			
932	Kern	Ballinger Canyon	22350	17	NC part of quad	235-B			no paleo info			
933	Kern	Ballinger Canyon	22350	18	NC part of quad	235-B			no paleo info			
934	Kern	Ballinger Canyon	22350	19	NC part of quad	235-B			no paleo info			
935	Kern	Ballinger Canyon	22350	20	NC part of quad	235-B			no paleo info			
936	Kern	Ballinger Canyon	22350	21	NC part of quad	235-B			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/AG	COLLECTORS		
937	Kern	Ballinger Canyon	22350	22	NC part of quad	235-B			no paleo info			
938	Kern	Ballinger Canyon	22350	23	NC part of quad	235-B			no paleo info			
939	Kern	Ballinger Canyon	22350	24	NC part of quad	235-B			no paleo info			
940	Kern	Ballinger Canyon	22350	25	NC part of quad	235-B			no paleo info			
941	Kern	Ballinger Canyon	22350	27	NC part of quad	235-B			no paleo info			
942	San Luis Obispo	Ballinger Canyon?	2667		Cuyama area	89-M			no paleo info			
943	San Luis Obispo	Ballinger Canyon?	2668		not on map	89-M			no paleo info	Papp		
944	Monterey	Bear Canyon	708	1	Mission Creek	200-N			Zemorrian	Bolin		
945	Monterey	Bear Canyon	708	2	Mission Creek	200-N			Zemorrian	Bolin		
946	Monterey	Bear Canyon	708	3	Mission Creek	200-N			Zemorrian	Bolin		
947	Monterey	Bear Canyon	708	4	Mission Creek	200-N			Zemorrian	Bolin		
948	Monterey	Bear Canyon	708	5	Mission Creek	200-N			Zemorrian	Bolin		
949	Monterey	Bear Canyon	5682		vic BM 1303	121-E	Junipero Serra 15'		Paleocene E zone			
950	Monterey	Bear Canyon	5683		vic BM 1249	121-E	Junipero Serra 15'		Lower Mohnian			
951	Monterey	Bear Canyon	5689		vic BM 1249	121-E	Junipero Serra 15'		Mohnian	Wright		
952	Monterey	Bear Canyon	5692		vic BM 1249	121-E	Junipero Serra 15'		not diagnostic	Ortalda & W		
953	Monterey	Bear Canyon	5693		vic BM 1249	121-E	Junipero Serra 15'		Trifuno Pass			
954	Monterey	Bear Canyon	5694		vic BM 1249	121-E	Junipero Serra 15'		not diagnostic	Wright		
955	Monterey	Bear Canyon	7028		Pinalito Creek	4-N			Eocene	Stanford		
956	Monterey	Bear Canyon	7029		W of BM 1303	4-N			not diagnostic	Stanford		
957	Monterey	Bear Canyon	7030		W of BM 1303	4-N			U Cret/Paleocene	Stanford		
958	Monterey	Bear Canyon	7031		S of BM 1303	4-N			not diagnostic	Stanford		
959	Monterey	Bear Canyon	7032		SE of BM 1268	4-N			prob Relizian	Stanford		
960	Monterey	Bear Canyon	7033		SE of BM 1268	4-N			prob Luisian	Stanford		
961	Monterey	Bear Canyon	11242		San Antonio River	I-7	JWF 9-9		Cret/Paleoc	Stanford		
962	Monterey	Bear Canyon	11249		Pinalto Creek	I-7	PWW 8-15		Cret/Paleocene	Stanford		
963	Monterey	Bear Canyon	23166	A	Mission Creek	252-A	Junip. Serra 15'		no paleo info	Gregory		
964	Monterey	Bear Canyon	23166	B	Mission Creek	252-A	Junip. Serra 15'		no paleo info	Gregory		
965	Monterey	Bear Canyon	23168		Mission Creek	252-A	Junip. Serra 15'		no paleo info	Gregory		
966	Monterey	Bear Canyon	23171		San Antonio River	252-A	Junip. Serra 15'		no paleo info	Gregory		
967	Monterey	Bear Canyon	23175		San Antonio River	252-A	Junip. Serra 15'		no paleo info	Gregory		
968	Monterey	Bear Canyon	23236	B	E of Pinalito Ck	252-D			Relizian	Gregory		
969	Monterey	Bear Canyon	23236	C	E of Pinalito Ck	252-D	area F-1	abun planktics	M Miocene	Gregory		
970	Monterey	Bear Canyon	23245		Mission Creek	252-D	Junipero Serra 15'		not diagnostic	Gregory		
971	Monterey	Bear Canyon	23370	B	San Antonio River	252-G			Mohnian	Gregory		
972	Monterey	Bear Canyon	23370	D	San Antonio River	252-G			Mohnian	Gregory		
973	Monterey	Bear Canyon	23370	E	San Antonio River	252-G			Mohnian	Gregory		
974	Monterey	Bear Canyon	23370	F	San Antonio River	252-G			Luisian	Gregory		
975	Tehama	Beegum	673	65	Dry Creek	148-J			Lower Cretaceous	Vaughan		
976	Tehama	Beegum	673	66	Dry Creek	148-J			Lower Cretaceous	Vaughan		
977	Tehama	Beegum	673	66A	Dry Creek	148-J			Lower Cretaceous	Vaughan		
978	Tehama	Beegum	673	67	Dry Creek	148-J			Lower Cretaceous	Vaughan		
979	Tehama	Beegum	673	68	Dry Creek	148-J			Lower Cretaceous	Vaughan		
980	Tehama	Beegum	673	70	Dry Creek	148-J			Lower Cretaceous	Vaughan		
981	Tehama	Beegum	673	71	Dry Creek	148-J			Lower Cretaceous	Vaughan		
982	Tehama	Beegum	673	72	Dry Creek	148-J			Lower Cretaceous	Vaughan		
983	Tehama	Beegum	673	73	Dry Creek	148-J			Lower Cretaceous	Vaughan		
984	Tehama	Beegum	673	75	Dry Creek	148-J			L Cret L zone	Vaughan		
985	Tehama	Beegum	673	77	Dry Creek	148-J			L Cret L zone	Vaughan		
986	Tehama	Beegum	673	78	Dry Creek	148-J			L Cret L zone	Vaughan		
987	Tehama	Beegum	673	79	Dry Creek	148-J			L Cret L zone	Vaughan		
988	Tehama	Beegum	673	80	Dry Creek	148-J			L Cret L zone	Vaughan		
989	Tehama	Beegum	673	81	Dry Creek	148-J			L Cret L zone	Vaughan		
990	Tehama	Beegum	673	83	Dry Creek	148-J			L Cret L zone	Vaughan		
991	Tehama	Beegum	673	86	Dry Creek	148-J			L Cret L zone	Vaughan		
992	Tehama	Beegum	673	87	Dry Creek	148-J			L Cret L zone	Vaughan		
993	Tehama	Beegum	673	89	Dry Creek	148-J			L Cret L zone	Vaughan		
994	Tehama	Beegum	673	90	Dry Creek	148-J			L Cret L zone	Vaughan		
995	Tehama	Beegum	673	91	Dry Creek	148-J			L Cret L zone	Vaughan		
996	Tehama	Beegum	673	92	Dry Creek	148-J			L Cret L zone	Vaughan		
997	Tehama	Beegum	673	93	Dry Creek	148-J			L Cret L zone	Vaughan		
998	Tehama	Beegum	673	95	Dry Creek	148-J			L Cret L zone	Vaughan		
999	Tehama	Beegum	673	98	Dry Creek	148-J			L Cret L zone	Vaughan		
1000	Tehama	Beegum	673	99	Dry Creek	148-J			L Cret L zone	Vaughan		
1001	Tehama	Beegum	673	100	Dry Creek	148-J			L Cret L zone	Vaughan		
1002	Tehama	Beegum	673	101	Dry Creek	148-J			L Cret L zone	Vaughan		
1003	Tehama	Beegum	673	102	Dry Creek	148-J			L Cret L zone	Vaughan		
1004	Tehama	Beegum	673	104	Dry Creek	148-J			L Cret L zone	Vaughan		
1005	Tehama	Beegum	673	105	Dry Creek	148-J			L Cret L zone	Vaughan		
1006	Tehama	Beegum	673	110	Dry Creek	148-J			L Cret L zone	Vaughan		
1007	Tehama	Beegum	673	111	Dry Creek	148-J			L Cret L zone	Vaughan		
1008	Tehama	Beegum	673	113	Dry Creek	148-J			L Cret L zone	Vaughan		
1009	Tehama	Beegum	673	120	Dry Creek	148-J			L Cret L zone	Vaughan		
1010	Tehama	Beegum	673	121	Dry Creek	148-J			L Cret L zone	Vaughan		
1011	Tehama	Beegum	673	122	Dry Creek	148-J			L Cret L zone	Vaughan		
1012	Tehama	Beegum	673	126	Dry Creek	148-J			L Cret L zone	Vaughan		
1013	Tehama	Beegum	673	127	Dry Creek	148-J			L Cret L zone	Vaughan		
1014	Tehama	Beegum	673	128	Dry Creek	148-J			L Cret L zone	Vaughan		
1015	Tehama	Beegum	673	130	Dry Creek	148-J			L Cret L zone	Vaughan		
1016	Tehama	Beegum	673	133	Dry Creek	148-J			L Cret L zone	Vaughan		
1017	Tehama	Beegum	673	134	Dry Creek	148-J			L Cret L zone	Vaughan		
1018	Tehama	Beegum	673	135	Dry Creek	148-J			L Cret L zone	Vaughan		
1019	Tehama	Beegum	673	136	Dry Creek	148-J			L Cret L zone	Vaughan		
1020	Tehama	Beegum	673	137	Dry Creek	148-J			L Cret L zone	Vaughan		
1021	Tehama	Beegum	673	143	Dry Creek	148-J			L Cret L zone	Vaughan		

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		
1192	Contra Costa	Benecia	212	41	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1193	Contra Costa	Benecia	212	42	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1194	Contra Costa	Benecia	212	43	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1195	Contra Costa	Benecia	212	44	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1196	Contra Costa	Benecia	212	45	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1197	Contra Costa	Benecia	212	46	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1198	Contra Costa	Benecia	212	47	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1199	Contra Costa	Benecia	212	48	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1200	Contra Costa	Benecia	212	49	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1201	Contra Costa	Benecia	212	50	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1202	Contra Costa	Benecia	212	51	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1203	Contra Costa	Benecia	212	52	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1204	Contra Costa	Benecia	212	53	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1205	Contra Costa	Benecia	212	54	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1206	Contra Costa	Benecia	212	55	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1207	Contra Costa	Benecia	212	56	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1208	Contra Costa	Benecia	212	57	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1209	Contra Costa	Benecia	212	58	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1210	Contra Costa	Benecia	212	59	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1211	Contra Costa	Benecia	212	60	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1212	Contra Costa	Benecia	212	61	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1213	Contra Costa	Benecia	212	62	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1214	Contra Costa	Benecia	212	63	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1215	Contra Costa	Benecia	212	64	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1216	Contra Costa	Benecia	212	65	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1217	Contra Costa	Benecia	212	66	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1218	Contra Costa	Benecia	212	67	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1219	Contra Costa	Benecia	212	68	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1220	Contra Costa	Benecia	212	69	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1221	Contra Costa	Benecia	212	70	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1222	Contra Costa	Benecia	212	71	Selby section	122-K		Martinez Fm	Paleocene	Solari		
1223	Contra Costa	Benecia	212	72	Selby section	122-K			no paleo info	Solari		
1224	Contra Costa	Benecia	212	73	Selby section	122-K			no paleo info	Solari		
1225	Contra Costa	Benecia	212	74	Selby section	122-K			no paleo info	Solari		
1226	Contra Costa	Benecia	212	75	Selby section	122-K			Eocene	Solari		
1227	Contra Costa	Benecia	223	126	SE part of quad	F-5	Pinole anticline		not diagnostic	Harris & T		
1228	Contra Costa	Benecia	223	127	SE part of quad	F-5	Pinole anticline		Cret/Paleocene	Harris & T		
1229	Contra Costa	Benecia	223	131	SE part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1230	Contra Costa	Benecia	223	132	SE part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1231	Contra Costa	Benecia	223	133	SE part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1232	Contra Costa	Benecia	223	134	SE part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1233	Contra Costa	Benecia	223	167	SE part of quad	F-6	Pinole anticline		not diagnostic	Harris & T		
1234	Contra Costa	Benecia	223	175	SE part of quad	F-6	Pinole anticline		prob Paleocene	Harris & T		
1235	Contra Costa	Benecia	223	177	SE part of quad	F-6	Pinole anticline		not diagnostic	Harris & T		
1236	Contra Costa	Benecia	223	179	SE part of quad	F-6	Pinole anticline		prob Paleocene	Harris & T		
1237	Contra Costa	Benecia	223	181	SE part of quad	F-6	Pinole anticline		Paleocene	Harris & T		
1238	Contra Costa	Benecia	223	184	SE part of quad	F-6	Pinole anticline		not diagnostic	Harris & T		
1239	Contra Costa	Benecia	223	200	Selby	F-6			Paleocene E zone	Harris & T		
1240	Contra Costa	Benecia	223	202	Port Costa	F-6			not diagnostic	Harris & T		
1241	Contra Costa	Benecia	223	204	SE part of quad	F-6			not diagnostic	Harris & T		
1242	Contra Costa	Benecia	223	206	SE part of quad	F-6			not diagnostic	Harris & T		
1243	Contra Costa	Benecia	223	282	SC part of quad	F-6			Cretaceous	Harris & T		
1244	Solano	Benecia	746	2	within Benecia	123-E	Carquinez 15' Q		not diagnostic	Lewis &		
1245	Solano	Benecia	746	3	within Benecia	123-E	Carquinez 15' Q		Cret/Paleocene	Lewis &		
1246	Solano	Benecia	746	4	within Benecia	123-E	Carquinez 15' Q		Upper Cretaceous	Lewis &		
1247	Solano	Benecia	746	5	within Benecia	123-E	Carquinez 15' Q		Upper Cretaceous	Lewis &		
1248	Solano	Benecia	746	6	within Benecia	123-E	Carquinez 15' Q		Upper Cret G-2	Lewis &		
1249	Solano	Benecia	746	7	within Benecia	123-E	Carquinez 15' Q		Upper Cret G-2	Lewis &		
1250	Solano	Benecia	22137	1	NW part of quad	210-N			Cretaceous			
1251	Solano	Benecia	22137	2	NW part of quad	210-N			Cretaceous			
1252	Solano	Benecia	22137	3	NW part of quad	210-N			Cretaceous			
1253	Solano	Benecia	22166		NE part of quad	231-H			no paleo info	Eke		
1254	Contra Costa	Benecia	23433		SC part of quad	177-J			no paleo info	Wracher		
1255	Contra Costa	Benecia	23631	1	San Pablo auger	177-G	SW part of quad		no paleo info			
1256	Contra Costa	Benecia	23631	3	San Pablo auger	177-G	SW part of quad		no paleo info			
1257	Contra Costa	Benecia	23631	4	San Pablo auger	177-G	SW part of quad		no paleo info			
1258	Contra Costa	Benecia	23631	5	San Pablo auger	177-G	SW part of quad		no paleo info			
1259	Contra Costa	Benecia	23631	6	San Pablo auger	177-G	SW part of quad		no paleo info			
1260	Contra Costa	Benecia	23631	7	San Pablo auger	177-G	SW part of quad		no paleo info			
1261	Contra Costa	Benecia	23631	8	San Pablo auger	177-G	SW part of quad		no paleo info			
1262	Contra Costa	Benecia	23631	9	San Pablo auger	177-G	SW part of quad		no paleo info			
1263	Contra Costa	Benecia	23631	10	San Pablo auger	177-H	SW part of quad		no paleo info			
1264	Contra Costa	Benecia	23631	11	San Pablo auger	177-H	SW part of quad		no paleo info			
1265	Contra Costa	Benecia	23631	12	San Pablo auger	177-H	SW part of quad		no paleo info			
1266	Contra Costa	Benecia	23631	13	San Pablo auger	177-H	SW part of quad		no paleo info			
1267	Contra Costa	Benecia	23631	14	San Pablo auger	177-H	SW part of quad		no paleo info			
1268	Solano	Benecia	23682		EC part of quad	177-M	Carquinez 15'		no paleo info			
1269	Solano	Benecia	23689	2A	NW of Benecia	177-M	Carquinez 15'			UK G-2		
1270	Los Angeles	Beverly Hills	411	1	Stone Cyn Resv	59-I			probably Miocene			
1271	Los Angeles	Beverly Hills	411	1A	Stone Cyn Resv	59-I			probably Miocene			
1272	Los Angeles	Beverly Hills	411	23	Stone Cyn Resv	59-I			probably Miocene			
1273	Los Angeles	Beverly Hills	411	4	Stone Cyn Resv	59-I			probably Miocene			
1274	Los Angeles	Beverly Hills	411	5	Stone Cyn Resv	59-I			probably Miocene			
1275	Los Angeles	Beverly Hills	411	6	Stone Cyn Resv	59-I			probably Miocene			
1276	Los Angeles	Beverly Hills	411	7	Stone Cyn Resv	59-I			probably 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		
1277	Los Angeles	Beverly Hills	411	8	Stone Cyn Resv	59-I			probably Miocene			
1278	Los Angeles	Beverly Hills	411	9	Stone Cyn Resv	59-I			probably Miocene			
1279	Los Angeles	Beverly Hills	411	10	Stone Cyn Resv	59-I			probably Miocene			
1280	Los Angeles	Beverly Hills	412	1	Stone Cyn Resv	59-I			probably Miocene			
1281	Los Angeles	Beverly Hills	412	2	Stone Cyn Resv	59-I			probably Miocene			
1282	Los Angeles	Beverly Hills	412	2B	Stone Cyn Resv	59-I			probably Miocene			
1283	Los Angeles	Beverly Hills	412	2A	Stone Cyn Resv	59-I			probably Miocene			
1284	Los Angeles	Beverly Hills	412	3	Stone Cyn Resv	59-I			probably Miocene			
1285	Los Angeles	Beverly Hills	412	4	Stone Cyn Resv	59-I			probably Miocene			
1286	Los Angeles	Beverly Hills	412	5	Stone Cyn Resv	59-I			probably Miocene			
1287	Los Angeles	Beverly Hills	412	6	Stone Cyn Resv	59-I			probably Miocene			
1288	Los Angeles	Beverly Hills	412	7	Stone Cyn Resv	59-I			probably Miocene			
1289	Los Angeles	Beverly Hills	412	9	Stone Cyn Resv	59-I			probably Miocene			
1290	Los Angeles	Beverly Hills	413	1	Stone Cyn Resv	59-I		basal Modelo	Miocene			
1291	Los Angeles	Beverly Hills	413	2	Stone Cyn Resv	59-I			Miocene			
1292	Los Angeles	Beverly Hills	413	3	Stone Cyn Resv	59-I			Miocene			
1293	Los Angeles	Beverly Hills	413	4	Stone Cyn Resv	59-I			Miocene			
1294	Los Angeles	Beverly Hills	413	5	Stone Cyn Resv	59-I			Miocene			
1295	Los Angeles	Beverly Hills	413	6	Stone Cyn Resv	59-I			Miocene			
1296	Los Angeles	Beverly Hills	449	1	Westlake School	59-I			Mohnian			
1297	Los Angeles	Beverly Hills	449	5	Westlake School	59-I			Mohnian?			
1298	Los Angeles	Beverly Hills	449	8	Westlake School	59-I			Mohnian?			
1299	Los Angeles	Beverly Hills	449	9	Westlake School	59-I			no paleo info			
1300	Los Angeles	Beverly Hills	449	10	Westlake School	59-I			Mohnian			
1301	Los Angeles	Beverly Hills	449	11	Westlake School	59-I			Mohnian			
1302	Los Angeles	Beverly Hills	449	12	Westlake School	59-I			Mohnian			
1303	Los Angeles	Beverly Hills	449	12A	Westlake School	59-I			no paleo info			
1304	Los Angeles	Beverly Hills	449	14	Westlake School	59-I			no paleo info			
1305	Los Angeles	Beverly Hills	449	15	Westlake School	59-I			Mohnian			
1306	Los Angeles	Beverly Hills	449	16	Westlake School	59-I			Mohnian			
1307	Los Angeles	Beverly Hills	449	17	Westlake School	59-I			Mohnian			
1308	Los Angeles	Beverly Hills	449	18	Westlake School	59-I			Mohnian			
1309	Los Angeles	Beverly Hills	449	19	Westlake School	59-I			Mohnian			
1310	Los Angeles	Beverly Hills	449	20	Westlake School	59-I			no paleo info			
1311	Los Angeles	Beverly Hills	449	21	Westlake School	59-I			Mohnian			
1312	Los Angeles	Beverly Hills	449	25	Westlake School	59-I			Mohnian			
1313	Los Angeles	Beverly Hills	449	26	Westlake School	59-I			no paleo info			
1314	Los Angeles	Beverly Hills	570	7	Mulholland Drive	62-I			not diagnostic			
1315	Los Angeles	Beverly Hills	5966		Benedict Canyon	44-J			no paleo info			
1316	Los Angeles	Beverly Hills	5967		Benedict Canyon	44-J			no paleo info			
1317	Los Angeles	Beverly Hills	5974		Benedict Canyon	44-J			no paleo info			
1318	Los Angeles	Beverly Hills	6426	A	NE corner of quad	60-J			no paleo info			
1319	Los Angeles	Beverly Hills	9251		Benedict Canyon	80-B			Mohnian			
1320	Santa Cruz	Big Basin	398	SLR 1	San Lorenzo River	91-A	See lot #738		Eocene?	Newton		
1321	Santa Cruz	Big Basin	706	1	San Lorenzo River	137-G	Have strat column		Zemorrian	Classen		
1322	Santa Cruz	Big Basin	706	1A	San Lorenzo River	137-G	and foram check		Zemorrian	Classen		
1323	Santa Cruz	Big Basin	706	2	San Lorenzo River	137-G	list		Zemorrian	Classen		
1324	Santa Cruz	Big Basin	706	3	San Lorenzo River	137-G			Zemorrian	Classen		
1325	Santa Cruz	Big Basin	706	4	San Lorenzo River	137-G			Zemorrian	Classen		
1326	Santa Cruz	Big Basin	706	5	San Lorenzo River	137-G			Zemorrian	Classen		
1327	Santa Cruz	Big Basin	706	6	San Lorenzo River	137-G			Zemorrian	Classen		
1328	Santa Cruz	Big Basin	706	7	San Lorenzo River	137-G			Zemorrian	Classen		
1329	Santa Cruz	Big Basin	706	8	San Lorenzo River	137-G			Zemorrian	Classen		
1330	Santa Cruz	Big Basin	706	9	San Lorenzo River	137-G			Zemorrian	Classen		
1331	Santa Cruz	Big Basin	706	10	San Lorenzo River	137-G			Zemorrian	Classen		
1332	Santa Cruz	Big Basin	706	11	San Lorenzo River	137-G			Zemorrian	Classen		
1333	Santa Cruz	Big Basin	706	12	San Lorenzo River	137-G			Zemorrian	Classen		
1334	Santa Cruz	Big Basin	706	13	San Lorenzo River	137-G			Zemorrian	Classen		
1335	Santa Cruz	Big Basin	706	14	San Lorenzo River	137-G			Zemorrian	Classen		
1336	Santa Cruz	Big Basin	706	15	San Lorenzo River	137-G			Zemorrian	Classen		
1337	Santa Cruz	Big Basin	706	16	San Lorenzo River	137-G			Zemorrian	Classen		
1338	Santa Cruz	Big Basin	706	17	San Lorenzo River	137-G			Zemorrian	Classen		
1339	Santa Cruz	Big Basin	706	18	San Lorenzo River	137-G			Zemorrian	Classen		
1340	Santa Cruz	Big Basin	706	19	San Lorenzo River	137-G			Zemorrian	Classen		
1341	Santa Cruz	Big Basin	706	20	San Lorenzo River	137-G			Zemorrian	Classen		
1342	Santa Cruz	Big Basin	706	21	San Lorenzo River	137-G			Zemorrian	Classen		
1343	Santa Cruz	Big Basin	706	22	San Lorenzo River	137-G			Zemorrian	Classen		
1344	Santa Cruz	Big Basin	706	23	San Lorenzo River	137-G			Zemorrian	Classen		
1345	Santa Cruz	Big Basin	706	24	San Lorenzo River	137-G			Zemorrian	Classen		
1346	Santa Cruz	Big Basin	706	25	San Lorenzo River	137-G			Zemorrian	Classen		
1347	Santa Cruz	Big Basin	706	26	San Lorenzo River	137-G			Zemorrian	Classen		
1348	Santa Cruz	Big Basin	706	27	San Lorenzo R	137-G			Refugian	Classen		
1349	Santa Cruz	Big Basin	706	28	San Lorenzo R	137-G			Refugian	Classen		
1350	Santa Cruz	Big Basin	706	29	San Lorenzo R	137-G			Refugian	Classen		
1351	Santa Cruz	Big Basin	706	30	San Lorenzo R	137-G			Refugian	Classen		
1352	Santa Cruz	Big Basin	706	31	San Lorenzo R	137-G			Refugian	Classen		
1353	Santa Cruz	Big Basin	706	32	San Lorenzo R	137-G			Refugian	Classen		
1354	Santa Cruz	Big Basin	706	33	San Lorenzo R	137-G			Refugian	Classen		
1355	Santa Cruz	Big Basin	706	34	San Lorenzo R	137-G			Refugian	Classen		
1356	Santa Cruz	Big Basin	706	35	San Lorenzo R	137-G			Eocene A zone	Classen		
1357	Santa Cruz	Big Basin	706	36	San Lorenzo R	137-G			Eocene A zone	Classen		
1358	Santa Cruz	Big Basin	706	37	San Lorenzo R	137-G			Eocene A zone	Classen		
1359	Santa Cruz	Big Basin	706	38	San Lorenzo R	137-G			Eocene A zone	Classen		
1360	Santa Cruz	Big Basin	706	39	San Lorenzo R	137-G			Eocene A zone	Classen		
1361	Santa Cruz	Big Basin	706	40	San Lorenzo R	137-G			Eocene A zone	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	ONE/SERIES/AG	COLLECTORS		
1362	Santa Cruz	Big Basin	706	41	San Lorenzo R	137-G			Eocene A zone	Classen		
1363	Santa Cruz	Big Basin	706	42	San Lorenzo R	137-G			Eocene A zone	Classen		
1364	Santa Cruz	Big Basin	706	43	San Lorenzo R	137-G			Eocene A zone	Classen		
1365	Santa Cruz	Big Basin	706	slide 1	San Lorenzo River	137-F	picked slide		Zemorrian	Classen		
1366	Santa Cruz	Big Basin	712		Two Bar Creek	B-14	EB223C	Vaqueros ss	Zemorrian	Brabb		
1367	Santa Cruz	Big Basin	712		Two Bar Creek	B-14	EB223F	Vaqueros ss	Zemorrian	Brabb		
1368	Santa Cruz	Big Basin	712		Two Bar Creek	B-14	EB223H	Vaqueros ss	Zemorrian	Brabb		
1369	Santa Cruz	Big Basin	712		Two Bar Creek	B-14	EB459B	Vaqueros ss	Zemorrian	Brabb		
1370	Santa Cruz	Big Basin	738	SLR1	San Lorenzo River	91-B	See strat column	36/8S/3W	Eocene	Newton		
1371	Santa Cruz	Big Basin	738	SLR2	San Lorenzo River	91-B	filed lot #397	but not on map	Eocene	Newton		
1372	Santa Cruz	Big Basin	738	SLR6	San Lorenzo River	91-B		See paleo file	Zemorrian	Newton		
1373	Santa Cruz	Big Basin	738	SLR7	San Lorenzo River	91-B		for lot 397.	Zemorrian	Newton		
1374	Santa Cruz	Big Basin	738	SLR9	San Lorenzo River	91-B			Zemorrian	Newton		
1375	Santa Cruz	Big Basin	738	SLR10	San Lorenzo River	91-B			Zemorrian	Newton		
1376	Santa Cruz	Big Basin	738	SLR12	San Lorenzo River	91-B			Zemorrian	Newton		
1377	Santa Cruz	Big Basin	738	SLR16	San Lorenzo River	91-B			Zemorrian	Newton		
1378	Santa Cruz	Big Basin	738	SLR17	San Lorenzo River	91-B			Zemorrian	Newton		
1379	Santa Cruz	Big Basin	738	SLR21	San Lorenzo River	91-B			Zemorrian	Newton		
1380	Santa Cruz	Big Basin	5698		NE corner quad	126-M	12/8S/3W (SLP)	has planktics	Lower Miocene	Starke		
1381	Santa Cruz	Big Basin	5990		N Waterman Gap	147-A	13/8S/3W (SLP)	abun planktics	not diagnostic	Starke &		
1382	Santa Cruz	Big Basin	5991		not on map	147-A	24/8S/3W (SLP)		Zemorrian	Starke &		
1383	Santa Cruz	Big Basin	5992		Waterman Gap	147-A	24/8S/3W (SLP)		Zemorrian	Starke &		
1384	Santa Cruz	Big Basin	5993		Waterman Gap	147-A	24/8S/3W (SLP)		Zemorrian	Starke &		
1385	Santa Cruz	Big Basin	7038		San Lorenzo River	89-E	19/9S/2W (SLP)		not diagnostic	Kraetsch		
1386	Santa Cruz	Big Basin	7039		Wildwood	89-E	18/9S/2W (SLP)		not diagnostic	Kraetsch		
1387	Santa Cruz	Big Basin	7040		N of Waterman Gp	89-E	13/8S/3W (SLP)		Saucesian	Kraetsch		
1388	Santa Cruz	Big Basin	7082		NE of Little Basin	91-F	10/9S/3W (SLP)		not diagnostic	Starke		
1389	Santa Cruz	Big Basin	7083		NE of Little Basin	91-F	9/9S/3W (SLP)		Zemorrian	Starke		
1390	Santa Cruz	Big Basin	7084		NE of Little Basin	91-F	9/9S/3W (SLP)		not diagnostic	Starke		
1391	Santa Cruz	Big Basin	7085		NE of Little Basin	91-F	9/9S/3W (SLP)		not diagnostic	Starke		
1392	Santa Cruz	Big Basin	7091		NE of Locatelli Rd	122-A	15/9S/3W (SLP)		not diagnostic	Starke		
1393	Santa Cruz	Big Basin	7092		NE of Locatelli Rd	122-A	15/9S/3W (SLP)		U Eocene A zone	Starke		
1394	Santa Cruz	Big Basin	7093		NE of Locatelli Rd	122-A	15/9S/3W (SLP)		not diagnostic	Starke		
1395	Santa Cruz	Big Basin	7094		NE of Locatelli Rd	122-A	green bug fauna	age in conflict	Paleocene	Starke		
1396	Santa Cruz	Big Basin	7095		NE of Locatelli Rd	122-A	15/9S/3W (SLP)	age in conflict	Paleocene?	Starke		
1397	San Mateo	Big Basin	7128		Pescadero Creek	122-A	8/8S/3W (SLP)		Zemorrian	Starke		
1398	San Mateo	Big Basin	7131		Pescadero Creek	122-A	17/8S/3W (SLP)		not diagnostic	Kraetsch		
1399	San Mateo	Big Basin	7133		Pescadero Creek	122-A	17/8S/3W (SLP)	abun planktics	prob Eocene	Kraetsch		
1400	San Mateo	Big Basin	7161		Pescadero Creek	66-M			Zemorrian	Kraetsch		
1401	San Mateo	Big Basin	7163		Pescadero Creek	66-M			not diagnostic	Kraetsch		
1402	San Mateo	Big Basin	7201		Fall Creek	104-M			Zemorrian			
1403	San Mateo	Big Basin	7203		Pescadero Creek	104-M			Lower Miocene			
1404	San Mateo	Big Basin	7369		Waterman Creek	147-B			not diagnostic	Kraetsch		
1405	San Mateo	Big Basin	7370		Waterman Creek	147-B			Lower Miocene	Kraetsch		
1406	San Mateo	Big Basin	7371		Waterman Creek	147-B			not diagnostic	Kraetsch		
1407	San Mateo	Big Basin	7372		Waterman Creek	147-B			not diagnostic	Kraetsch		
1408	San Mateo	Big Basin	7373		Waterman Creek	147-B			Lower Miocene	Kraetsch		
1409	San Mateo	Big Basin	7404		Waterman Creek	147-C			Saucesian	Starke		
1410	San Mateo	Big Basin	7405		N of Waterman Gp	147-C			Lower Relizian	Starke		
1411	San Mateo	Big Basin	7406		N of Waterman Gp	147-C			Upper Zemorrian	Starke		
1412	Santa Cruz	Big Basin	8812		Two Bar Creek	147-D			Zemorrian	Kraetsch		
1413	Santa Cruz	Big Basin	8813		Two Bar Creek	147-D			not diagnostic	Kraetsch		
1414	Santa Cruz	Big Basin	8814		Two Bar Creek	147-D			Zemorrian	Kraetsch		
1415	Santa Cruz	Big Basin	8815		San Lorenzo Park	147-D			not diagnostic	Kraetsch		
1416	Santa Cruz	Big Basin	8816		San Lorenzo Park	147-D			not diagnostic	Kraetsch		
1417	Santa Cruz	Big Basin	8817		San Lorenzo Park	147-D			not diagnostic	Kraetsch		
1418	Santa Cruz	Big Basin	8818		San Lorenzo Park	147-D			U Eocene A zone	Kraetsch		
1419	Santa Cruz	Big Basin	8819		NE part of quad	147-D			Lower Miocene	Kraetsch		
1420	Santa Cruz	Big Basin	8823		NE part of quad	147-E	dupe in Mindego H	rubber casts	Saucesian	Kraetsch		
1421	Santa Cruz	Big Basin	8824		NE part of quad	147-E			Lower Miocene	Kraetsch		
1422	San Mateo	Big Basin	8825		NE part of quad	147-E			not diagnostic	Kraetsch		
1423	San Mateo	Big Basin	8826		NE part of quad	147-E			Lower Zemorrian	Kraetsch		
1424	Santa Cruz	Big Basin	8828		NE part of quad	147-E			Zemorrian	Kraetsch		
1425	San Mateo	Big Basin	8829		NE part of quad	147-E			not diagnostic	Kraetsch		
1426	Santa Cruz	Big Basin	8832		Waterman Gap	147-E			not diagnostic	Kraetsch		
1427	Santa Cruz	Big Basin	8833		Waterman Gap	147-E			not diagnostic	Kraetsch		
1428	Santa Cruz	Big Basin	8845		China Grade	147-E			U Eocene A zone	Kraetsch		
1429	Santa Cruz	Big Basin	8846		China Grade	147-E			not diagnostic	Kraetsch		
1430	Santa Cruz	Big Basin	8847		Locatelli Ranch	147-E			Eocene A zone	Kraetsch		
1431	Santa Cruz	Big Basin	8850		Little Basin	147-E			Zemorrian	Kraetsch		
1432	Santa Cruz	Big Basin	8879		Big Basin	147-F			not diagnostic	Kraetsch		
1433	Santa Cruz	Big Basin	8880		Hihn Hammond R	147-F			not diagnostic	Kraetsch		
1434	Santa Cruz	Big Basin	8890		NE part of quad	147-F		rubber casts	Lower Miocene	Kraetsch		
1435	San Mateo	Big Basin	8914		N of Waterman Ga	147-F			Lower Zemorrian	Starke		
1436	San Mateo	Big Basin	8916		N of Waterman Ga	147-F	dupe in Mindego H		Upper? Zemorrian	Flege		
1437	Santa Cruz	Big Basin	24079	2	Big Basin Road	99-F			Lower Zemorrian			
1438	Santa Cruz	Big Basin?	8827		not on map	147-E			prob Zemorrian	Kraetsch		
1439	Santa Cruz	Big Basin?	8844		not found	147-E			Lower Zemorrian	Kraetsch		
1440	Santa Barbara	Big Pine Mountain	406	1	Judell Canyon	88-G			no paleo data	Bainton &		
1441	Santa Barbara	Big Pine Mountain	406	2	Judell Canyon	88-G			no paleo data	Bainton &		
1442	Santa Barbara	Big Pine Mountain	406	3	Judell Canyon	88-G			no paleo data	Bainton &		
1443	Santa Barbara	Big Pine Mountain	406	4	Judell Canyon	88-G			no paleo data	Bainton &		
1444	Santa Barbara	Big Pine Mountain	406	5	Judell Canyon	88-G			no paleo data	Bainton &		
1445	Santa Barbara	Big Pine Mountain	406	6	Judell Canyon	88-G			no paleo data	Bainton &		
1446	Santa Barbara	Big Pine Mountain	406	7	Judell Canyon	88-G			no paleo data	Bainton &		

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		
1447	Santa Barbara	Big Pine Mountain	406	8	Judell Canyon	88-G			no paleo data	Bainton &		
1448	Santa Barbara	Big Pine Mountain	406	9	Judell Canyon	88-G			no paleo data	Bainton &		
1449	Santa Barbara	Big Pine Mountain	406	10	Judell Canyon	88-G			no paleo data	Bainton &		
1450	Santa Barbara	Big Pine Mountain	406	11	Judell Canyon	88-G			no paleo data	Bainton &		
1451	Santa Barbara	Big Pine Mountain	406	12	Judell Canyon	88-G			no paleo data	Bainton &		
1452	Santa Barbara	Big Pine Mountain	406	13	Judell Canyon	88-G			no paleo data	Bainton &		
1453	Santa Barbara	Big Pine Mountain	1335		S. Rafael Mtns	4-L			no paleo info	Owens & S		
1454	Santa Barbara	Big Pine Mountain	1336		S. Rafael Mtns	4-L			no paleo info	Owens & S		
1455	Santa Barbara	Big Pine Mountain	1576		center of quad	4-M	Gibraltar Dam 15'		no paleo info	Scouler &		
1456	Santa Barbara	Big Pine Mountain	1577		center of quad	4-M	Gibraltar Dam 15'		no paleo info	Scouler &		
1457	Santa Barbara	Big Pine Mountain	1579		center of quad	4-M	Gibraltar Dam 15'		no paleo info	Scouler &		
1458	Santa Barbara	Big Pine Mountain	1580		center of quad	4-M	Gibraltar Dam 15'		no paleo info	Scouler &		
1459	Santa Barbara	Big Pine Mountain	2118		Big Pine Mtn area	69-M			no paleo info	Kriz		
1460	Santa Barbara	Big Pine Mountain	2121		Big Pine Mtn area	69-M			no paleo info	Kriz		
1461	Santa Barbara	Big Pine Mountain	2122		Big Pine Mtn area	69-M			no paleo info	Kriz		
1462	Santa Barbara	Big Pine Mountain	2123		Big Pine Mtn area	69-M			no paleo info	Kriz		
1463	Santa Barbara	Big Pine Mountain	2124		not found	69-M			no paleo info	Kriz		
1464	Santa Barbara	Big Pine Mountain	2125		SC part of quad	69-M			no paleo info	Kriz		
1465	Santa Barbara	Big Pine Mountain	2126		SC part of quad	69-M			no paleo info	Kriz		
1466	Santa Barbara	Big Pine Mountain	8180		San Rafael Mtns	68-J			no paleo info			
1467	Santa Barbara	Big Pine Mountain	11802		SE corner of quad	79-K			not diagnostic			
1468	Santa Barbara	Big Pine Mtn	2920		Samon Peak	96-F			no paleo info			
1469	Santa Barbara	Big Pine Mtn	2922		Samon Peak	96-F			no paleo info			
1470	Monterey	Big Sur	11447		Little River hill	48-F	Point Sur 15'		Lower Miocene			
1471	Monterey	Big Sur	11477		S of Little river HI	70-J	Point Sur 15'		Lower Miocene	Flege		
1472	Yolo	Bird Valley	1121	1	Tut Canyon	151-H	Guinda 15'	17/11N/2W	U Cret F-1 zone			
1473	Yolo	Bird Valley	1121	2	Tut Canyon	151-H	Guinda 15'	Have strat	barren			
1474	Yolo	Bird Valley	1121	3	Tut Canyon	151-H	Guinda 15'	column	U Cret F-1 zone			
1475	Yolo	Bird Valley	1121	4	Tut Canyon	151-H	Guinda 15'		barren			
1476	Yolo	Bird Valley	1121	5	Tut Canyon	151-H	Guinda 15'		not diagnostic			
1477	Yolo	Bird Valley	1122	1	Capay Hills	151-I	Guinda 15'	29/11N/2W	U Cret F-1 zone			
1478	Yolo	Bird Valley	1122	2	Capay Hills	151-I	Guinda 15'	Have strat	not diagnostic			
1479	Yolo	Bird Valley	1122	3	Capay Hills	151-I	Guinda 15'	column	U Cret F-1 zone			
1480	Yolo	Bird Valley	1122	4	Capay Hills	151-I	Guinda 15'		not diagnostic			
1481	Yolo	Bird Valley	1122	5	Capay Hills	151-I	Guinda 15'		U Cret F-1 zone			
1482	Yolo	Bird Valley	1122	6	Capay Hills	151-I	Guinda 15'		not diagnostic			
1483	Yolo	Bird Valley	1122	7	Capay Hills	151-I	Guinda 15'		not diagnostic			
1484	Yolo	Bird Valley	1122	8	Capay Hills	151-I	Guinda 15'		not diagnostic			
1485	Yolo	Bird Valley	1122	9	Capay Hills	151-I	Guinda 15'		not diagnostic			
1486	Yolo	Bird Valley	1122	19	Capay Hills	151-I	Guinda 15'		U Cret F-1 zone			
1487	Yolo	Bird Valley	1123	4	Capay Hills	151-I	Guinda 15'	32/11N/2W	Prob U Cret F-1			
1488	Yolo	Bird Valley	1123	6	Capay Hills	151-I	Guinda 15'	Have strat	Prob U Cret F-1			
1489	Yolo	Bird Valley	1123	7	Capay Hills	151-I	Guinda 15'	column	Prob U Cret F-1			
1490	Yolo	Bird Valley	1123	8	Capay Hills	151-I	Guinda 15'		Prob U Cret F-1			
1491	Yolo	Bird Valley	1123	9	Capay Hills	151-I	Guinda 15'		Prob U Cret F-1			
1492	Yolo	Bird Valley	1123	10	Capay Hills	151-I	Guinda 15'		Prob U Cret F-1			
1493	Yolo	Bird Valley	1124	6	Capay Hills	151-I	Guinda 15'		U Cret F-1 zone			
1494	Yolo	Bird Valley	1124	7	Capay Hills	151-I	Guinda 15'		not diagnostic			
1495	Yolo	Bird Valley	1124	8	Capay Hills	151-I	Guinda 15'		not diagnostic			
1496	Yolo	Bird Valley	1124	9	Capay Hills	151-I	Guinda 15'		U Cret F-1 zone			
1497	Yolo	Bird Valley	1124	10	Capay Hills	151-I	Guinda 15'		not diagnostic			
1498	Yolo	Bird Valley	1124	11	Capay Hills	151-I	Guinda 15'		not diagnostic			
1499	Yolo	Bird Valley	1124	12	Capay Hills	151-I	Guinda 15'		not diagnostic			
1500	Yolo	Bird Valley	1124	13	Capay Hills	151-I	Guinda 15'		not diagnostic			
1501	Yolo	Bird Valley	1124	14	Capay Hills	151-I	Guinda 15'	17/11N/2W	U Cret F-1 zone			
1502	Yolo	Bird Valley	1124	15	Capay Hills	151-I	Guinda 15'		U Cret F-1 zone			
1503	Yolo	Bird Valley	1124	16	Capay Hills	151-I	Guinda 15'		U Cret F-1 zone			
1504	Yolo	Bird Valley	1125	7	Sulphur Springs	151-I	Guinda 15'	column	not diagnostic			
1505	Yolo	Bird Valley	1125	8	Sulphur Springs	151-I	Guinda 15'		not diagnostic			
1506	Yolo	Bird Valley	1125	9	Sulphur Springs	151-I	Guinda 15'		not diagnostic			
1507	Yolo	Bird Valley	1125	10	Sulphur Springs	151-I	Guinda 15'		not diagnostic			
1508	Yolo	Bird Valley	1125	11	Sulphur Springs	151-I	Guinda 15'	7/11N/2W	U Cret F-1 zone			
1509	Yolo	Bird Valley	1125	12	Sulphur Springs	151-I	Guinda 15'		U Cret F-1 zone			
1510	Yolo	Bird Valley	1125	15	Sulphur Springs	151-I	Guinda 15'		not diagnostic			
1511	Yolo	Bird Valley	1126	10	Wood Canyon	151-I	Guinda 15'		not diagnostic			
1512	Yolo	Bird Valley	1126	13	Wood Canyon	151-I	Guinda 15'		not diagnostic			
1513	Yolo	Bird Valley	1127	13	Little Salt Canyon	151-I	Guinda 15'		not diagnostic			
1514	Yolo	Bird Valley	1127	14	Little Salt Canyon	151-I	Guinda 15'		not diagnostic			
1515	Yolo	Bird Valley	1127	15	Little Salt Canyon	151-I	Guinda 15'	1/11N/3W	U Cret G-1 zone			
1516	Yolo	Bird Valley	1127	16	Little Salt Canyon	151-I	Guinda 15'		U Cret G-1 zone			
1517	Yolo	Bird Valley	1127	17	Little Salt Canyon	151-I	Guinda 15'		U Cret G-1 zone			
1518	Yolo	Bird Valley	11146	1	Salt Creek	152-G	Guinda 15'	Not on map	barren	Welge		
1519	Yolo	Bird Valley	11146	2	Salt Creek	152-G	Guinda 15'	Not on map	barren	Welge		
1520	Yolo	Bird Valley	11146	3	Salt Creek	152-G	Guinda 15'	Not on map	barren	Welge		
1521	Yolo	Bird Valley	11146	4	Salt Creek	152-G	Guinda 15'	Not on map	barren	Welge		
1522	Yolo	Bird Valley	11146	10	Salt Creek	152-G	Guinda 15'	Not on map	U Cret H zone	Welge		
1523	Yolo	Bird Valley	11146	11	Salt Creek	152-G	Guinda 15'	Not on map	U Cret H zone	Welge		
1524	Yolo	Bird Valley	11146	12	Salt Creek	152-G	Guinda 15'	Not on map	U Cret H zone	Welge		
1525	Yolo	Bird Valley	11146	13	Salt Creek	152-G	Guinda 15'	Not on map	U Cret H zone	Welge		
1526	Yolo	Bird Valley	11146	15	Salt Creek	152-G	Guinda 15'	Not on map	U Cret H zone	Welge		
1527	Yolo	Bird Valley	11146	16	Salt Creek	152-G	Guinda 15'	Not on map	U Cret H zone	Welge		
1528	Yolo	Bird Valley	11146	17	Salt Creek	152-G	Guinda 15'	Not on map	U Cret H zone	Welge		
1529	Yolo	Bird Valley	11146	18	Salt Creek	152-G	Guinda 15'	Not on map	U Cret H zone	Welge		
1530	Yolo	Bird Valley	11146	19	Salt Creek	152-G	Guinda 15'	Not on map	U Cret H zone	Welge		
1531	Yolo	Bird Valley	11146	20	Salt Creek	152-G	Guinda 15'	Not on map	U Cret H 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	ZONE/SERIES/AG	COLLECTORS		
1532	Yolo	Bird Valley	11146	21	Salt Creek	152-G	Guinda 15'	Not on map	not diagnostic	Welge		
1533	Yolo	Bird Valley	11146	22	Salt Creek	152-G	Guinda 15'	Not on map	not diagnostic	Welge		
1534	Orange	Black Star Canyon	369	4	WC part of quad	48-H			no paleo data			
1535	Orange	Black Star Canyon	369	4A	WC part of quad	48-H			no paleo data			
1536	Orange	Black Star Canyon	369	5	WC part of quad	48-H			no paleo data			
1537	Orange	Black Star Canyon	369	5A	WC part of quad	48-H			no paleo data			
1538	Orange	Black Star Canyon	369	6	WC part of quad	48-H			no paleo data			
1539	Orange	Black Star Canyon	2857		Irvine Lake area	31-N	sa La Panza		no paleo info			
1540	Orange	Black Star Canyon	2860		Irvine Lake area	31-N	sa La Panza		no paleo info			
1541	Orange	Black Star Canyon	2871		Irvine Lake area	31-N			no paleo info			
1542	Orange	Black Star Canyon	2872		Irvine Lake area	31-N			no paleo info			
1543	Orange	Black Star Canyon	2873		Irvine Lake area	31-N			no paleo info			
1544	Orange	Black Star Canyon	5590		E of Blind Canyon	11-E			no paleo info			
1545	Orange	Black Star Canyon	5592		N of Irvine park	11-E			no paleo info			
1546	Orange	Black Star Canyon	5835		NW of Santiago Dr	10-J		fair fauna	no paleo info			
1547	Orange	Black Star Canyon	6249		Gypsum Canyon	60-J	see # 5976	age from slide	Eocene			
1548	Orange	Black Star Canyon	6250		Gypsum Canyon	60-J	see \$ 5976	age from slide	Eocene			
1549	Orange	Black Star Canyon	8150		Fremont Canyon	85-F			no paleo info			
1550	Orange	Black Star Canyon	8151		Fremont Canyon	85-F			no paleo info			
1551	Orange	Black Star Canyon	8152		Fremont Canyon	85-F			no paleo info			
1552	Orange	Black Star Canyon	8153		Fremont Canyon	85-F			no paleo info			
1553	Orange	Black Star Canyon	8154		Fremont Canyon	85-F			no paleo info			
1554	Orange	Black Star Canyon	8155		Fremont Canyon	85-F			no paleo info			
1555	Orange	Black Star Canyon	8156		Fremont Canyon	85-F			no paleo info			
1556	Orange	Black Star Canyon	8157		Fremont Canyon	85-F		have NP list	no paleo info			
1557	Orange	Black Star Canyon	8158		Fremont Canyon	85-F			no paleo info			
1558	Marin	Bolinas	22234	1A	Bolinas Point	224-G	auger line	Merced??	Plio/Pleistocene	Christen.		
1559	Marin	Bolinas	22234	2A	Bolinas Point	224-G	auger line		Plio/Pleistocene	Christen.		
1560	Marin	Bolinas	22234	3A	Bolinas Point	224-G	auger line		not diagnostic	Christen.		
1561	Marin	Bolinas	22234	1A	Bolinas Point	116-E	auger line	picked	Plio/Pleistocene			
1562	Marin	Bolinas	22234	1B	Bolinas Point	116-E	auger line	picked	Plio/Pleistocene	Christen.		
1563	Marin	Bolinas	22234	2A	Bolinas Point	116-E	auger line	picked	Plio/Pleistocene	Christen.		
1564	Marin	Bolinas	22234	2B	Bolinas Point	116-E	auger line	picked	Plio/Pleistocene	Christen.		
1565	Marin	Bolinas	22234	3A	Bolinas Point	116-E	auger line		Plio/Pleistocene	Christen.		
1566	Marin	Bolinas	22234	3B	Bolinas Point	116-E	auger line		Plio/Pleistocene	Christen.		
1567	Marin	Bolinas	22234	6A	Bolinas Point	116-E	auger line		Delmontian	Christen.		
1568	Marin	Bolinas	22234	6B	Bolinas Point	116-E	auger line		Delmontian	Christen.		
1569	Marin	Bolinas	22285	1	E of Arroyo Honda	233-I	Mt Tamalpias 15'		no paleo info			
1570	Marin	Bolinas	22286	2	Ocean Parkway	233-I	Mt Tamalpias 15'		no paleo info			
1571	Marin	Bolinas	22286	3	Ocean Parkway	233-I	Mt Tamalpias 15'		no paleo info			
1572	Marin	Bolinas	22286	4	Ocean Parkway	233-I	Mt Tamalpias 15'		no paleo info			
1573	Marin	Bolinas	22287	2	Bolinas Lagoon	233-I	Mt Tamalpias 15'		no paleo info			
1574	Marin	Bolinas	24280	7	In Bolinas	99-H			poss Pliocene			
1575	Marin	Bolinas	24280	10	In Bolinas	99-H			barren			
1576	Marin	Bolinas	24280	11	In Bolinas	99-H			poss U Miocene			
1577	Marin	Bolinas	24280	12	In Bolinas	99-H			not diagnostic			
1578	Marin	Bolinas	24280	13	In Bolinas	99-H			poss Pliocene			
1579	Marin	Bolinas	24280	14	In Bolinas	99-H			poss Pliocene			
1580	Marin	Bolinas	24280	15	In Bolinas	99-H			poss U Miocene			
1581	Marin	Bolinas	22605	3	Bolinas Point	235-N	Pt Reyes 15'		no paleo info			
1582	San Diego	Borrego Mountain SE	64	2	N of Split Mtn	85-K	old Barrel Spr Qd		no age provided			
1583	San Diego	Borrego Mountain SE	64	16	N of Split Mtn	85-K	old Barrel Spr Qd		no age provided			
1584	San Diego	Borrego Mountain SE	64	17	N of Split Mtn	85-K	old Barrel Spr Qd		no age provided			
1585	San Diego	Borrego Mountain SE	64	18	N of Split Mtn	85-K	old Barrel Spr Qd		no age provided			
1586	San Diego	Borrego Mountain SE	64	19	N of Split Mtn	85-K	old Barrel Spr Qd		no age provided			
1587	San Diego	Borrego Mountain SE	64	20	N of Split Mtn	85-K	old Barrel Spr Qd		no age provided			
1588	San Diego	Borrego Mountain SE	65	A	N of Split Mtn	85-K	old Barrel Spr Qd		no age provided			
1589	San Diego	Borrego Mountain SE	65	B	N of Split Mtn	85-K	old Barrel Spr Qd		no age provided			
1590	San Diego	Borrego Mountain SE	65	C	N of Split Mtn	85-K	old Barrel Spr Qd		no age provided			
1591	San Diego	Borrego Mountain SE	65	D	N of Split Mtn	85-K	old Barrel Spr Qd		no age provided			
1592	San Diego	Borrego Mountain SE	191	3	Anza Park	85-K			no age provided			
1593	San Diego	Borrego Mountain SE	191	4	Anza Park	85-K			no age provided			
1594	San Diego	Borrego Mountain SE	191	5	Anza Park	85-K			no age provided			
1595	San Diego	Borrego Mountain SE	191	6	Anza Park	85-K			no age provided			
1596	San Diego	Borrego Mountain SE	191	7	Anza Park	85-K			no age provided			
1597	San Diego	Borrego Mountain SE	191	8	Anza Park	85-K			no age provided			
1598	San Diego	Borrego Mountain SE	191	9	Anza Park	85-K			no age provided			
1599	San Diego	Borrego Mountain SE	192	13	Split Mountain	20-K			no age provided			
1600	San Diego	Borrego Mountain SE	192	17	Split Mountain	20-K			no age provided			
1601	San Diego	Borrego Mountain SE	3710		Split Mtn area	35-J	Borrego Mtn 15'	not on map	no paleo info	good fauna		
1602	San Diego	Borrego Mountain SE	3764		N of Split Mtn	2-N	old Barrel Spr Q	good fauna	no paleo info			
1603	San Diego	Borrego Mountain SE	9521	10	Split Mtn Gorge	85-I			Miocene			
1604	San Diego	Borrego Mountain SE	9521	11	Split Mtn Gorge	85-I			Miocene			
1605	San Diego	Borrego Mountain SE	9521	17	Split Mtn Gorge	85-I			Miocene			
1606	San Diego	Borrego Mountain SE	9521	20	Split Mtn Gorge	85-I			Miocene			
1607	Monterey	Bradley	1402		WC part of quad	82-D	Bradley 15'		not diagnostic			
1608	Monterey	Bradley	7246		S Antonio Riv Rd	86-M	Bradley 15'		not diagnostic	Ortalda		
1609	Monterey	Bradley	7247		S Antonio Riv Rd	86-M	Bradley 15'		? Upper Miocene	Ortalda		
1610	Monterey	Bradley	23211	A	opposite Sulphur C	252-B			?Upper Miocene	Gregory		
1611	San Luis Obispo	Branch Mountain	2776		Barrett Creek	94-I	Branch Mtn 15'		no paleo info	Papp &		
1612	San Luis Obispo	Branch Mountain	2777		Barrett Creek	94-I	Branch Mtn 15'		no paleo info	Papp &		
1613	San Luis Obispo	Branch Mountain	2778		Barrett Creek	94-I	Branch Mtn 15'		no paleo info	Papp &		
1614	San Luis Obispo	Branch Mountain	2779		Barrett Creek	94-I	Branch Mtn 15'		no paleo info	Papp &		
1615	San Luis Obispo	Branch Mountain	2783		Carissa Ranch	94-I	Branch Mtn 15'		no paleo info	Papp &		
1616	San Luis Obispo	Branch Mountain	2784		Carissa Ranch	94-I	Branch Mtn 15'		no paleo info	Papp &		

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
1617	Contra Costa	Brentwood	181	323	SW part of quad	E-11	Not on map but	Nortonv. sh	Eocene	Solari		
1618	Contra Costa	Brentwood	181	324	SW part of quad	E-11	strat column	Nortonv. sh	Eocene	Solari		
1619	Contra Costa	Brentwood	181	325	SW part of quad	E-11	indicates localities	Nortonv. sh	Eocene	Solari		
1620	Contra Costa	Brentwood	181	326	SW part of quad	E-11	are in Section 36	Nortonv. sh	Eocene	Solari		
1621	Contra Costa	Brentwood	181	327	SW part of quad	E-11	T1N, R2E, Kellogg	Nortonv. sh	Eocene	Solari		
1622	Contra Costa	Brentwood	181	600	SW part of quad	E-11	Creek tributary	Nortonv. sh	Eocene	Solari		
1623	Contra Costa	Brentwood	181	601	SW part of quad	E-11		Nortonv. sh	Eocene	Solari		
1624	Contra Costa	Brentwood	181	602	SW part of quad	E-11		Nortonv. sh	Eocene	Solari		
1625	Contra Costa	Brentwood	181	603	SW part of quad	E-11		Nortonv. sh	Eocene	Solari		
1626	Contra Costa	Brentwood	181	604	SW part of quad	E-11		Nortonv. sh	Eocene	Solari		
1627	Contra Costa	Brentwood	181	605	SW part of quad	E-11		Nortonv. sh	Eocene	Solari		
1628	Contra Costa	Brentwood	181	606	SW part of quad	E-11		Nortonv. sh	Eocene	Solari		
1629	Contra Costa	Brentwood	181	607	SW part of quad	E-11		Nortonv. sh	Eocene	Solari		
1630	Contra Costa	Brentwood	181	608	SW part of quad	E-11		Nortonv. sh	Eocene	Solari		
1631	Contra Costa	Brentwood	181	609	SW part of quad	E-11		Kellogg sh	Eocene	Solari		
1632	Contra Costa	Brentwood	181	610	SW part of quad	E-11		Kellogg sh	Eocene	Solari		
1633	Contra Costa	Brentwood	181	611	SW part of quad	E-11		Kellogg sh	Eocene	Solari		
1634	Contra Costa	Brentwood	181	612	SW part of quad	E-11		Kellogg sh	Eocene	Solari		
1635	Contra Costa	Brentwood	181	613	SW part of quad	E-11		Kellogg sh	Eocene	Solari		
1636	Contra Costa	Brentwood	181	614	SW part of quad	E-11		Kellogg sh	Eocene	Solari		
1637	Contra Costa	Brentwood	181	615	SW part of quad	E-11		Kellogg sh	Eocene	Solari		
1638	Contra Costa	Brentwood	181	616	SW part of quad	E-11		Kellogg sh	Eocene	Solari		
1639	Contra Costa	Brentwood	181	617	SW part of quad	E-11		Kellogg sh	Eocene	Solari		
1640	Contra Costa	Brentwood	181	618	SW part of quad	E-11		Kellogg sh	Eocene	Solari		
1641	Contra Costa	Brentwood	181	619	SW part of quad	E-11		Kellogg sh	Eocene	Solari		
1642	Contra Costa	Brentwood	181	620	SW part of quad	E-11		Kellogg sh	Eocene	Solari		
1643	Contra Costa	Brentwood	181	622	SW part of quad	E-11		Kellogg sh	Eocene	Solari		
1644	Contra Costa	Brentwood	181	625	SW part of quad	E-11		Kellogg sh	Eocene	Solari		
1645	Contra Costa	Brentwood	181	626	SW part of quad	E-11		Kellogg sh	Eocene	Solari		
1646	Contra Costa	Brentwood	181	627	SW part of quad	E-11		Kellogg sh	Eocene	Solari		
1647	Contra Costa	Brentwood	271	2	Mt Diablo area	51-I	Location and ages		U Cret C/D-1 zone	Solari		
1648	Contra Costa	Brentwood	271	4	Mt Diablo area	51-I	from strat column		U Cret C/D-1 zone	Solari		
1649	Contra Costa	Brentwood	271	5	Mt Diablo area	51-I			U Cret C/D-1 zone	Solari		
1650	Contra Costa	Brentwood	271	6	Mt Diablo area	51-I			U Cret C/D-1 zone	Solari		
1651	Contra Costa	Brentwood	271	7	Mt Diablo area	51-I			U Cret C/D-1 zone	Solari		
1652	Contra Costa	Brentwood	271	9	Mt Diablo area	51-I			U Cret C/D-1 zone	Solari		
1653	Contra Costa	Brentwood	271	10	Mt Diablo area	51-I			U Cret C/D-1 zone	Solari		
1654	Contra Costa	Brentwood	271	11	Mt Diablo area	51-I			U Cret C/D-1 zone	Solari		
1655	Contra Costa	Brentwood	271	12	Mt Diablo area	51-I			U Cret C/D-1 zone	Solari		
1656	Contra Costa	Brentwood	271	21	Mt Diablo area	51-I			U Cret C/D-1 zone	Solari		
1657	Contra Costa	Brentwood	271	22	Mt Diablo area	51-I			U Cret C/D-1 zone	Solari		
1658	Contra Costa	Brentwood	271	23	Mt Diablo area	51-I			U Cret C/D-1 zone	Solari		
1659	Contra Costa	Brentwood	271	25	Mt Diablo area	51-I			U Cret C/D-1 zone	Solari		
1660	Contra Costa	Brentwood	271	28	Mt Diablo area	51-I			U Cret C/D-1 zone	Solari		
1661	Contra Costa	Brentwood	271	29	Mt Diablo area	51-I			U Cret C/D-1 zone	Solari		
1662	Contra Costa	Brentwood	271	30	Mt Diablo area	51-I			U Cret C/D-1 zone	Solari		
1663	Contra Costa	Brentwood	271	32	Mt Diablo area	51-I			U Cret D-2 zone	Solari		
1664	Contra Costa	Brentwood	271	33	Mt Diablo area	51-I			U Cret D-2 zone	Solari		
1665	Contra Costa	Brentwood	271	36	Mt Diablo area	51-I			U Cret D-2 zone	Solari		
1666	Contra Costa	Brentwood	271	37	Mt Diablo area	51-I			U Cret D-2 zone	Solari		
1667	Contra Costa	Brentwood	271	38	Mt Diablo area	51-I			U Cret D-2 zone	Solari		
1668	Contra Costa	Brentwood	271	39	Mt Diablo area	51-I			U Cret D-2 zone	Solari		
1669	Contra Costa	Brentwood	271	40	Mt Diablo area	51-I			U Cret D-2 zone	Solari		
1670	Contra Costa	Brentwood	271	41	Mt Diablo area	51-I			U Cret D-2 zone	Solari		
1671	Contra Costa	Brentwood	271	42	Mt Diablo area	51-J			U Cret D-2 zone	Solari		
1672	Contra Costa	Brentwood	271	43	Mt Diablo area	51-J			U Cret D-2 zone	Solari		
1673	Contra Costa	Brentwood	271	44	Mt Diablo area	51-J			U Cret D-2 zone	Solari		
1674	Contra Costa	Brentwood	271	45	Mt Diablo area	51-J			U Cret D-2 zone	Solari		
1675	Contra Costa	Brentwood	271	46	Mt Diablo area	51-J			U Cret D-2 zone	Solari		
1676	Contra Costa	Brentwood	271	47	Mt Diablo area	51-J			U Cret D-2 zone	Solari		
1677	Contra Costa	Brentwood	271	48	Mt Diablo area	51-J			U Cret D-2 zone	Solari		
1678	Contra Costa	Brentwood	271	49	Mt Diablo area	51-J			U Cret E zone	Solari		
1679	Contra Costa	Brentwood	271	50	Mt Diablo area	51-J			U Cret E zone	Solari		
1680	Contra Costa	Brentwood	271	51	Mt Diablo area	51-J			U Cret E zone	Solari		
1681	Contra Costa	Brentwood	271	52	Mt Diablo area	51-J			U Cret E zone	Solari		
1682	Contra Costa	Brentwood	271	53	Mt Diablo area	51-J			U Cret E zone	Solari		
1683	Contra Costa	Brentwood	271	54	Mt Diablo area	51-J			U Cret E zone	Solari		
1684	Contra Costa	Brentwood	271	55	Mt Diablo area	51-J			U Cret E zone	Solari		
1685	Contra Costa	Brentwood	271	56	Mt Diablo area	51-J			U Cret E zone	Solari		
1686	Contra Costa	Brentwood	271	57	Mt Diablo area	51-J			U Cret E zone	Solari		
1687	Contra Costa	Brentwood	271	58	Mt Diablo area	51-J			U Cret E zone	Solari		
1688	Contra Costa	Brentwood	6775		not on map	B-2	35/1N/2E (SLP)	age from slide	Cretaceous	Solari		
1689	Contra Costa	Brentwood	6778		SW corner of quad	82-B			no paleo info			
1690	Contra Costa	Brentwood	6779		SW corner of quad	82-B			no paleo info			
1691	Contra Costa	Brentwood	6780		SW corner of quad	82-B			no paleo info			
1692	Contra Costa	Brentwood	6781		not on map	82-B			no paleo info			
1693	Contra Costa	Brentwood	11544	35	not on map	209-H	27/1N/2E (SLP)	Meganos C	Eocene	Young auger		
1694	Contra Costa	Brentwood	21361	IPC 268	Marsh Creek	208-D			Prob U Cret E zone	Colburn		
1695	Contra Costa	Brentwood	21369	564	now in reservoir	208-D			U Cret C/D zones	Colburn		
1696	Contra Costa	Brentwood	21370	565	Marsh Creek	208-D		age from map	U Cret C/D zones	Colburn		
1697	Contra Costa	Brentwood	21371	568	Marsh Creek	208-D		age from map	U Cret D/E zones	Colburn		
1698	Contra Costa	Brentwood	21372	569	Marsh Creek	208-D		age from map	U Cret D/E zones	Colburn		
1699	Contra Costa	Brentwood	21373	570	Marsh Creek	208-D		age from map	U Cret E zone	Colburn		
1700	Contra Costa	Brentwood	21390	250	Marsh Creek	208-E		age from map	U Cret C/D zones	Colburn		
1701	Contra Costa	Brentwood	21402	213	SW corner of quad	208-E			U Cret C/D zones	Colburn		

	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		
1702	Contra Costa	Brentwood	28607		SW corner of quad	25-B	2/1S/2E (SLP)	age from map	Prob U Cret E zon	Polugar		
1703	Contra Costa	Brentwood	28608	1	SW corner of quad	25-B		age from map	Prob U Cret E zon	Polugar		
1704	Contra Costa	Brentwood	28608	1A	SW corner of quad	25-B		age from map	Prob U Cret E zon	Polugar		
1705	Contra Costa	Brentwood	28609		SW corner of quad	25-B		age from map	Prob U Cret E zon	Polugar		
1706	Contra Costa	Brentwood	28610		SW corner of quad	25-B		age from map	Prob U Cret E zon	Polugar		
1707	Contra Costa	Brentwood	28611		SW corner of quad	25-B		age from map	Prob U Cret E zon	Polugar		
1708	Contra Costa	Brentwood	28612		SW corner of quad	25-B		age from map	Prob U Cret E zon	Polugar		
1709	Contra Costa	Brentworth	183	201	Dry Creek area	E-12	Abun radiolaria in	27/1N/2E	Eocene	Solari		
1710	Humboldt	Briceland	22369	10A	NW part of quad	239-M	Garberville 15'		Luisian			
1711	Humboldt	Briceland	22369	10ARW	NW part of quad	239-M	Garberville 15'		Luisian			
1712	Humboldt	Briceland	22369	10B	NW part of quad	239-M	Garberville 15'		Relizian			
1713	Humboldt	Briceland	22369	10BRW	NW part of quad	239-M	Garberville 15'		Relizian			
1714	Humboldt	Briceland	22369	11	NW part of quad	239-M	Garberville 15'		Relizian			
1715	Humboldt	Briceland	22369	11RW	NW part of quad	239-M	Garberville 15'		Relizian			
1716	Humboldt	Briceland	22369	13	NW part of quad	239-M	Garberville 15'	reworked Mioc	Cretaceous			
1717	Humboldt	Briceland	22369	13RW	NW part of quad	239-M	Garberville 15'		Cretaceous			
1718	Humboldt	Briceland	22369	14	NW part of quad	239-M	Garberville 15'		prob Middle Miocene			
1719	Humboldt	Briceland	22369	15	NW part of quad	239-M	Garberville 15'		not diagnostic			
1720	Humboldt	Briceland	22369	19	NW part of quad	239-M	Garberville 15'	reworked Mioc	Cret/Paleocene			
1721	Humboldt	Briceland	22369	19RW	NW part of quad	239-M	Garberville 15'	reworked Mioc	Cret/Paleocene			
1722	Humboldt	Briceland	22845	9	Eel River auger	244-F	Garberville 15'		?Cretaceous			
1723	Humboldt	Briceland	22845	10A	Eel River auger	244-F	Garberville 15'		?Cretaceous			
1724	Humboldt	Briceland	22845	10B	Eel River auger	244-F	Garberville 15'		?Cretaceous			
1725	Humboldt	Briceland	22845	11A	Eel River auger	244-F	Garberville 15'		?Cretaceous			
1726	Humboldt	Briceland	22845	11B	Eel River auger	244-F	Garberville 15'		?Cretaceous			
1727	Humboldt	Briceland	22845	12A	Eel River auger	244-F	Garberville 15'		?Cretaceous			
1728	Humboldt	Briceland	22845	12B	Eel River auger	244-F	Garberville 15'		?Cretaceous			
1729	Humboldt	Briceland	22845	13	Eel River auger	244-F	Garberville 15'		?Cretaceous			
1730	Humboldt	Briceland	22845	13B	Eel River auger	244-F	Garberville 15'		?Cretaceous			
1731	Humboldt	Briceland	22845	14A	Eel River auger	244-F	Garberville 15'		?Cretaceous			
1732	Humboldt	Briceland	22845	14B	Eel River auger	244-F	Garberville 15'		?Cretaceous			
1733	Humboldt	Briceland	22850	2A	NW of Briceland	244-F	Garberville 15'		Cret/Paleocene			
1734	Humboldt	Briceland	22850	2B	Eel River auger	244-F	Garberville 15'		Cret/Paleocene			
1735	Humboldt	Briceland	22850	2C	Eel River auger	244-F	Garberville 15'		Cret/Paleocene			
1736	Humboldt	Briceland	35882	2	not on map	126-I	Garberville 15'		Saucesian			
1737	Humboldt	Briceland	35882	4	not on map	126-I	Garberville 15'		Saucesian			
1738	Contra Costa	Briones Valley	223	32	NW part of quad	F-4	Pinole anticline		barren	Harris & T		
1739	Contra Costa	Briones Valley	223	39	NW part of quad	F-4	Pinole anticline		not diagnostic	Harris & T		
1740	Contra Costa	Briones Valley	223	41	NW part of quad	F-4	Pinole anticline		barren	Harris & T		
1741	Contra Costa	Briones Valley	223	48	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
1742	Contra Costa	Briones Valley	223	49	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
1743	Contra Costa	Briones Valley	223	50	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
1744	Contra Costa	Briones Valley	223	74RW	NW part of quad	F-2	Pinole anticline		no paleo info			
1745	Contra Costa	Briones Valley	223	75	NW part of quad	F-4	Pinole anticline		Eocene	Harris & T		
1746	Contra Costa	Briones Valley	223	76	NW part of quad	F-4	Pinole anticline		Eocene	Harris & T		
1747	Contra Costa	Briones Valley	223	78	NW part of quad	F-4	Pinole anticline		Eocene	Harris & T		
1748	Contra Costa	Briones Valley	223	79	NW part of quad	F-4	Pinole anticline		Eocene	Harris & T		
1749	Contra Costa	Briones Valley	223	80	NW part of quad	F-4	Pinole anticline		Eocene	Harris & T		
1750	Contra Costa	Briones Valley	223	80RW	NW part of quad	F-2	Pinole anticline		no paleo info			
1751	Contra Costa	Briones Valley	223	81	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1752	Contra Costa	Briones Valley	223	82	NW part of quad	F-5	Pinole anticline		Paleocene?	Harris & T		
1753	Contra Costa	Briones Valley	223	83	NW part of quad	F-5	Pinole anticline		Paleocene?	Harris & T		
1754	Contra Costa	Briones Valley	223	84	NW part of quad	F-5	Pinole anticline		Paleocene?	Harris & T		
1755	Contra Costa	Briones Valley	223	85	NE part of quad	F-5	Pinole anticline	near Muir	Eocene	Harris & T		
1756	Contra Costa	Briones Valley	223	86	NW part of quad	F-5	Pinole anticline		Middle Miocene	Harris & T		
1757	Contra Costa	Briones Valley	223	87	NW part of quad	F-5	Pinole anticline		Miocene	Harris & T		
1758	Contra Costa	Briones Valley	223	93	NW part of quad	F-5	Pinole anticline		barren	Harris & T		
1759	Contra Costa	Briones Valley	223	94	NW part of quad	F-5	Pinole anticline		not diagnostic	Harris & T		
1760	Contra Costa	Briones Valley	223	96	NW part of quad	F-5	Pinole anticline		Paleocene?	Harris & T		
1761	Contra Costa	Briones Valley	223	97	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1762	Contra Costa	Briones Valley	223	98	NW part of quad	F-5	Pinole anticline		not diagnostic	Harris & T		
1763	Contra Costa	Briones Valley	223	100	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1764	Contra Costa	Briones Valley	223	100RW	NW part of quad	F-2	Pinole anticline		no paleo info			
1765	Contra Costa	Briones Valley	223	101	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1766	Contra Costa	Briones Valley	223	102	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1767	Contra Costa	Briones Valley	223	103	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1768	Contra Costa	Briones Valley	223	104	NW part of quad	F-5	Pinole anticline		barren	Harris & T		
1769	Contra Costa	Briones Valley	223	105	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1770	Contra Costa	Briones Valley	223	106	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1771	Contra Costa	Briones Valley	223	106RW	NW part of quad	F-2	Pinole anticline		no paleo info			
1772	Contra Costa	Briones Valley	223	107RW	NW part of quad	F-2	Pinole anticline		no paleo info			
1773	Contra Costa	Briones Valley	223	107	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1774	Contra Costa	Briones Valley	223	108	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1775	Contra Costa	Briones Valley	223	109	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1776	Contra Costa	Briones Valley	223	109RW	NW part of quad	F-2	Pinole anticline		no paleo info			
1777	Contra Costa	Briones Valley	223	110RW	NW part of quad	F-2	Pinole anticline		no paleo info			
1778	Contra Costa	Briones Valley	223	110	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1779	Contra Costa	Briones Valley	223	111	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1780	Contra Costa	Briones Valley	223	111RW	NW part of quad	F-2	Pinole anticline		no paleo info			
1781	Contra Costa	Briones Valley	223	112	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1782	Contra Costa	Briones Valley	223	113	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1783	Contra Costa	Briones Valley	223	114	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1784	Contra Costa	Briones Valley	223	115	NW part of quad	F-5	Pinole anticline		barren	Harris & T		
1785	Contra Costa	Briones Valley	223	118	NW part of quad	F-5	Pinole anticline		barren	Harris & T		
1786	Contra Costa	Briones Valley	223	123	NW part of quad	F-5	Pinole anticline		not diagnostic	Harris & T		

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		
1787	Contra Costa	Briones Valley	223	125	NW part of quad	F-5	Pinole anticline		not diagnostic	Harris & T		
1788	Contra Costa	Briones Valley	223	135	NW part of quad	F-5	Pinole anticline		barren	Harris & T		
1789	Contra Costa	Briones Valley	223	138	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1790	Contra Costa	Briones Valley	223	139	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1791	Contra Costa	Briones Valley	223	139RW	NW part of quad	F-2	Pinole anticline		no paleo info	Harris & T		
1792	Contra Costa	Briones Valley	223	140	NW part of quad	F-5	Pinole anticline		not diagnostic	Harris & T		
1793	Contra Costa	Briones Valley	223	141	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1794	Contra Costa	Briones Valley	223	142	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1795	Contra Costa	Briones Valley	223	143	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1796	Contra Costa	Briones Valley	223	144	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1797	Contra Costa	Briones Valley	223	145	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
1798	Contra Costa	Briones Valley	223	146	NW part of quad	F-6	Pinole anticline		Eocene	Harris & T		
1799	Contra Costa	Briones Valley	223	147	NW part of quad	F-6	Pinole anticline		Eocene	Harris & T		
1800	Contra Costa	Briones Valley	223	147RW	NW part of quad	F-2	Pinole anticline		no paleo info	Harris & T		
1801	Contra Costa	Briones Valley	223	148	NW part of quad	F-6	Pinole anticline		barren	Harris & T		
1802	Contra Costa	Briones Valley	223	149	NW part of quad	F-6	Pinole anticline		barren	Harris & T		
1803	Contra Costa	Briones Valley	223	156	NW part of quad	F-6	Pinole anticline		barren	Harris & T		
1804	Contra Costa	Briones Valley	223	162RW	NW part of quad	F-2	Pinole anticline		no paleo info	Harris & T		
1805	Contra Costa	Briones Valley	223	168	NW part of quad	F-6	Pinole anticline		Eocene	Harris & T		
1806	Contra Costa	Briones Valley	223	169	NW part of quad	F-6	Pinole anticline		Eocene	Harris & T		
1807	Contra Costa	Briones Valley	223	170	NW part of quad	F-6	Pinole anticline		Eocene	Harris & T		
1808	Contra Costa	Briones Valley	223	171	NW part of quad	F-6	Pinole anticline		not diagnostic	Harris & T		
1809	Contra Costa	Briones Valley	223	172	NW part of quad	F-6	Pinole anticline		barren	Harris & T		
1810	Contra Costa	Briones Valley	223	173	NW part of quad	F-6	Pinole anticline		not diagnostic	Harris & T		
1811	Contra Costa	Briones Valley	223	176	NW part of quad	F-6	Pinole anticline		barren	Harris & T		
1812	Contra Costa	Briones Valley	223	178	NE part of quad	F-6	Pinole anticline		not diagnostic	Harris & T		
1813	Contra Costa	Briones Valley	223	183	NW part of quad	F-6	Pinole anticline		not diagnostic	Harris & T		
1814	Contra Costa	Briones Valley	223	186	center of quad	F-6	Pinole anticline		Eocene	Harris & T		
1815	Contra Costa	Briones Valley	223	186RW	center of quad	F-2			no paleo info	Harris & T		
1816	Contra Costa	Briones Valley	223	188RW	center of quad	F-2			no paleo info	Harris & T		
1817	Contra Costa	Briones Valley	223	188	center of quad	F-6	Pinole anticline		Eocene	Harris & T		
1818	Contra Costa	Briones Valley	223	189	center of quad	F-6	Pinole anticline		prob L Miocene	Harris & T		
1819	Contra Costa	Briones Valley	223	191	center of quad	F-6			Eocene	Harris & T		
1820	Contra Costa	Briones Valley	223	194	center of quad	F-6			barren	Harris & T		
1821	Contra Costa	Briones Valley	223	207	NW part of quad	F-6	Oursan anticline		Eocene?	Harris & T		
1822	Contra Costa	Briones Valley	223	219	Oursan anticline	F-2	has Discocyclina		Eocene	Harris & T		
1823	Contra Costa	Briones Valley	223	220	Oursan anticline	F-2	has Discocyclina		Eocene	Harris & T		
1824	Contra Costa	Briones Valley	223	222	NW part of quad	F-2	Oursan anticline		not diagnostic	Harris & T		
1825	Contra Costa	Briones Valley	223	223	NW part of quad	F-6	Oursan anticline		Eocene	Harris & T		
1826	Contra Costa	Briones Valley	223	224	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1827	Contra Costa	Briones Valley	223	224A	NW part of quad	F-2	Oursan anticline		no paleo info	Harris & T		
1828	Contra Costa	Briones Valley	223	225	NW part of quad	F-2	Oursan anticline		not diagnostic	Harris & T		
1829	Contra Costa	Briones Valley	223	227	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1830	Contra Costa	Briones Valley	223	229	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1831	Contra Costa	Briones Valley	223	230	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1832	Contra Costa	Briones Valley	223	231	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1833	Contra Costa	Briones Valley	223	232	NW part of quad	F-2	Oursan anticline		Eocene?	Harris & T		
1834	Contra Costa	Briones Valley	223	235	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1835	Contra Costa	Briones Valley	223	237	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1836	Contra Costa	Briones Valley	223	238	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1837	Contra Costa	Briones Valley	223	239	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1838	Contra Costa	Briones Valley	223	240	NW part of quad	F-6	Oursan anticline		Eocene	Harris & T		
1839	Contra Costa	Briones Valley	223	240RW	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1840	Contra Costa	Briones Valley	223	241	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1841	Contra Costa	Briones Valley	223	244	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1842	Contra Costa	Briones Valley	223	245	NW part of quad	F-2	Oursan anticline		not diagnostic	Harris & T		
1843	Contra Costa	Briones Valley	223	246	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1844	Contra Costa	Briones Valley	223	247	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1845	Contra Costa	Briones Valley	223	248	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1846	Contra Costa	Briones Valley	223	249	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1847	Contra Costa	Briones Valley	223	250	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1848	Contra Costa	Briones Valley	223	252	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1849	Contra Costa	Briones Valley	223	255	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1850	Contra Costa	Briones Valley	223	257	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1851	Contra Costa	Briones Valley	223	259	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1852	Contra Costa	Briones Valley	223	267	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1853	Contra Costa	Briones Valley	223	268	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1854	Contra Costa	Briones Valley	223	270	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1855	Contra Costa	Briones Valley	223	271	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1856	Contra Costa	Briones Valley	223	273	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
1857	Contra Costa	Briones Valley	223	299	NE part of quad	F-6			no paleo info	Harris & T		
1858	Contra Costa	Briones Valley	745	1	Muir Station	72-N	type Martinez		not diagnostic			
1859	Contra Costa	Briones Valley	745	2	Muir Station	72-N	type Martinez		not diagnostic			
1860	Contra Costa	Briones Valley	745	3	Muir Station	72-N	type Martinez		not diagnostic			
1861	Contra Costa	Briones Valley	745	4	Muir Station	72-N	type Martinez		not diagnostic			
1862	Contra Costa	Briones Valley	745	5	Muir Station	72-N	type Martinez		Paleocene E zone			
1863	Contra Costa	Briones Valley	745	6	Muir Station	72-N	type Martinez		Paleocene E zone			
1864	Contra Costa	Briones Valley	745	7	Muir Station	72-N	type Martinez		not diagnostic			
1865	Contra Costa	Briones Valley	745	8	Muir Station	72-N	type Martinez		Paleocene E zone			
1866	Contra Costa	Briones Valley	745	9	Muir Station	72-N	type Martinez		not diagnostic			
1867	Contra Costa	Briones Valley	837		not on map	A-12	lower Capay	age from slide	Eocene		Kirby	
1868	Contra Costa	Briones Valley	22935		Pinole area	202-B			Paleocene D zone		Lyon	
1869	Contra Costa	Briones Valley	22941		E of Bear Creek	202-B			Lower Tertiary		Lyon	
1870	Contra Costa	Briones Valley	22956		Miners Ranch	202-B			Miocene		Lyon	
1871	Contra Costa	Briones Valley	23118		Pinole Valley Rd	26-L		diatom-rich	not diagnostic		Lyon & N	

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		
2212	Yolo	Brooks	1130	1	Salt Arroyo	151-L	L Berryessa 15'	25/10N/3W	U Cret G-1 zone			
2213	Yolo	Brooks	1130	2	Salt Arroyo	151-L	L Berryessa 15'	Have strat	U Cret G-1 zone			
2214	Yolo	Brooks	1130	3	Salt Arroyo	151-L	L Berryessa 15'	column	U Cret G-1 zone			
2215	Yolo	Brooks	1130	4	Salt Arroyo	151-L	L Berryessa 15'		U Cret G-1 zone			
2216	Yolo	Brooks	1130	5	Salt Arroyo	151-L	L Berryessa 15'		U Cret G-1 zone			
2217	Yolo	Brooks	1130	6	Salt Arroyo	151-L	L Berryessa 15'		U Cret G-1 zone			
2218	Yolo	Brooks	1130	7	Salt Arroyo	151-L	L Berryessa 15'		U Cret G-1 zone			
2219	Yolo	Brooks	1130	8	Salt Arroyo	151-L	L Berryessa 15'		U Cret G-1 zone			
2220	Yolo	Brooks	1130	9	Salt Arroyo	151-L	L Berryessa 15'		U Cret G-1 zone			
2221	Yolo	Brooks	1130	10	Salt Arroyo	151-L	L Berryessa 15'		U Cret G-1 zone			
2222	Yolo	Brooks	1130	11	Salt Arroyo	151-L	L Berryessa 15'		U Cret G-1 zone			
2223	Yolo	Brooks	1130	12	Salt Arroyo	151-L	L Berryessa 15'		U Cret G-1 zone			
2224	Yolo	Brooks	1130	14	Salt Arroyo	151-L	L Berryessa 15'		U Cret F-1 or G-1			
2225	Yolo	Brooks	1130	15	Salt Arroyo	151-L	L Berryessa 15'		U Cret F-1 or G-1			
2226	Yolo	Brooks	1130	17	Salt Arroyo	151-L	L Berryessa 15'		not diagnostic			
2227	Yolo	Brooks	1130	21	Salt Arroyo	151-L	L Berryessa 15'	19/10N/2W	U Cret F-1 or F-2			
2228	Yolo	Brooks	28633		NE part of quad	25-B	area D-9	mapped as E	no paleo info	Polugar		
2229	Yolo	Brooks	28634		NE part of quad	25-B		mapped as K	no paleo info	Polugar		
2230	Monterey	Bryson	7263		Copperhead Ck	117-N	Bryson 15'	abun planktics	Middle Miocene	Ortalda		
2231	Monterey	Bryson	7264		Copperhead Ck	117-N	Bryson 15'	com planktics	Middle Miocene	Ortalda		
2232	Monterey	Bryson	7265		Copperhead Ck	117-N	Bryson 15'		Middle Miocene	Ortalda		
2233	Monterey	Bryson	9997	A	Copperhead Creek	86-L			no paleo info			
2234	Monterey	Bryson	9999	10	Copperhead Creek	86-L			Luisian			
2235	Monterey	Bryson	9999	11	Copperhead Creek	86-L			Luisian			
2236	Monterey	Bryson	9999	12	Copperhead Creek	86-L			Luisian			
2237	Monterey	Bryson	9999	13	Copperhead Creek	86-L			Luisian			
2238	Monterey	Bryson	18347		NC part of quad	260-H	Bryson 15'	age from map	Middle Miocene?	Thorup		
2239	Monterey	Bryson	18349		NE part of quad	260-H	Bryson 15'	age from map	U Saucasian	Thorup		
2240	Monterey	Bryson	19453		NC part of quad	244-D?		age from map	Saucasian			
2241	Monterey	Bryson	19454		NC part of quad	244-D?		age from map	Middle Miocene			
2242	Monterey	Bryson	19455		NC part of quad	244-D?		age from map	Saucasian			
2243	Monterey	Bryson	23205	A	SE corner of quad	252-A		age from map	U Cret D zone	Gregory		
2244	San Luis Obispo	Bryson	23212	A	Nacimiento River	252-B		age from slide	Cret/Paleocene	Gregory		
2245	San Luis Obispo	Bryson	23212	B	Nacimiento River	252-B			Cret/Paleocene	Gregory		
2246	San Luis Obispo	Bryson	23212	D	Nacimiento River	252-B			Cret/Paleocene	Gregory		
2247	San Luis Obispo	Bryson	23212	E	Nacimiento River	252-B			Cret/Paleocene	Gregory		
2248	Monterey	Bryson	23212	G	S of Pleyto School	252-B			Cret/Paleocene	Gregory		
2249	Monterey	Bryson	23212	H	S of Pleyto School	252-B			Cret/Paleocene	Gregory		
2250	Monterey	Bryson	23212	I	E of Pleyto School	252-B			Cret/Paleocene	Gregory		
2251	Monterey	Bryson	23212	J	E of Pleyto School	252-B			Cret/Paleocene	Gregory		
2252	Monterey	Bryson	23212	N	NE of Pleyto Schl	252-B			not diagnostic	Gregory		
2253	Monterey	Bryson	23212	O	NE of Pleyto Schl	252-B			not diagnostic	Gregory		
2254	Monterey	Bryson	23213	B	Hesperia Schl area	252-B			barren	Gregory		
2255	Monterey	Bryson	23213	C	Hesperia Schl area	252-B			barren	Gregory		
2256	Monterey	Bryson	23213	H	Pleyto Road area	252-B			Saucasian	Gregory		
2257	Monterey	Bryson	23213	I	Pleyto Road area	252-B		planktics com	not diagnostic	Gregory		
2258	Monterey	Bryson	23213	J	Pleyto Road area	252-B			Relizian	Gregory		
2259	Monterey	Bryson	23213	K	Pleyto Road area	252-B			L Relizian	Gregory		
2260	Monterey	Bryson	23213	K	Pleyto Road area	252-B			Relizian/Saucasian	Gregory		
2261	Monterey	Bryson	23213	L	Pleyto Road area	252-B			Saucasian	Gregory		
2262	Monterey	Bryson	23214	B	Pleyto Road area	252-B			not diagnostic	Gregory		
2263	Monterey	Bryson	23214	C	Pleyto Road area	252-B			not diagnostic	Gregory		
2264	Monterey	Bryson	23214	D	Pleyto Road area	252-B			Sauc/Relizian	Gregory		
2265	Monterey	Bryson	23274	E	Copperhead Ck	252-E	Bryson 15'	age from map	not diagnostic	Gregory		
2266	Monterey	Bryson	23275	A	Smith Ranch	252-E	Bryson 15'	abun planktics	Lower Relizian	Gregory		
2267	Monterey	Bryson	23275	B	Smith Ranch	252-E	Bryson 15'	abun planktics	Relizian	Gregory		
2268	Monterey	Bryson	23275	D	Smith Ranch	252-E	Bryson 15'	age from map	Relizian	Gregory		
2269	Monterey	Bryson	23275	E	Smith Ranch	252-E	Bryson 15'	age from map	Relizian	Gregory		
2270	Monterey	Bryson	23275	F	Smith Ranch	252-E	Bryson 15'	age from map	Luisian	Gregory		
2271	Monterey	Bryson	23275	G	Smith Ranch	252-E	Bryson 15'	age from map	not diagnostic	Gregory		
2272	Monterey	Bryson	23276	C	E of Smith Ranch	252-E	Bryson 15'		no paleo info	Gregory		
2273	Monterey	Bryson	23276	E	E of Smith Ranch	252-E	Bryson 15'	age from map	Saucasian	Gregory		
2274	Monterey	Bryson	23276	F	E of Smith Ranch	252-E	Bryson 15'	age from map	Saucasian	Gregory		
2275	Monterey	Bryson	23276	G	E of Smith Ranch	252-E	Bryson 15'	age from map	Saucasian	Gregory		
2276	Monterey	Bryson	23276	H	E of Smith Ranch	252-E	Bryson 15'	age from map	Saucasian	Gregory		
2277	Monterey	Bryson	23276	I	E of Smith Ranch	252-E	Bryson 15'	age from map	Middle Miocene	Gregory		
2278	Monterey	Bryson	23276	J	E of Smith Ranch	252-E	Bryson 15'	age from map	Relizian	Gregory		
2279	Monterey	Bryson	23276	K	E of Smith Ranch	252-E	Bryson 15'	age from map	Middle Miocene	Gregory		
2280	Monterey	Bryson	23276	M	E of Smith Ranch	252-E	Bryson 15'	age from map	Middle Miocene	Gregory		
2281	Los Angeles	Burbank	479	3A	SW corner quad	60-I	filed in # 416		no paleo info			
2282	Los Angeles	Burbank	572	1	Griffith Park	62-H			Miocene			
2283	Los Angeles	Burbank	572	29	Griffith Park	62-H			Luisian			
2284	Los Angeles	Burbank	572	31	Griffith Park	62-H			Luisian			
2285	Los Angeles	Burbank	572	32	Griffith Park	62-H			Luisian			
2286	Los Angeles	Burbank	572	34	Griffith Park	62-H			Luisian			
2287	Los Angeles	Burbank	572	35	Griffith Park	62-H			Luisian			
2288	Los Angeles	Burbank	5973		Mulholland Drive	44-J			no paleo info			
2289	Los Angeles	Burbank	5973	A	Mulholland Drive	44-J			no paleo info			
2290	Los Angeles	Burbank	5973	B	Mulholland Drive	44-J			no paleo info			
2291	Los Angeles	Burbank	5973	C	Mulholland Drive	44-J			no paleo info			
2292	Los Angeles	Burbank	9242	2	SW of Glendale	80-B			not diagnostic			
2293	Contra Costa	Byron Hot Springs	183	202	NC part of quad	E-12	all slides	8/1S/2E	Eocene	Solari		
2294	Contra Costa	Byron Hot Springs	519	2A	Byron Creek	222-I	17/1S/3E but		Eocene?			
2295	Contra Costa	Byron Hot Springs	519	2B	Byron Creek	222-I	not on map		Eocene B-4/C			
2296	Contra Costa	Byron Hot Springs	519	8	Byron Creek	222-I	not on map		Cretaceous			

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		
2297	Contra Costa	Byron Hot Springs	519	9	Byron Creek	222-1	not on map		U Cret D-1 zone			
2298	Contra Costa	Byron Hot Springs	519	10RW	Byron Creek	222-1	not on map		not diagnostic			
2299	Contra Costa	Byron Hot Springs	519	11RW	Byron Creek	222-1	not on map		U Cret D-1 zone			
2300	Contra Costa	Byron Hot Springs	519	12RW	Byron Creek	222-1	not on map		U Cret D-1 zone			
2301	Contra Costa	Byron Hot Springs	519	14RW	Byron Creek	222-1	not on map		no paleo info			
2302	Contra Costa	Byron Hot Springs	519	15	Byron Creek	222-1	not on map	auger	Cretaceous			
2303	Contra Costa	Byron Hot Springs	519	15RW	Byron Creek	222-1	not on map		prob U Cret D-2			
2304	Contra Costa	Byron Hot Springs	519	16	Byron Creek	222-1	not on map		Cretaceous			
2305	Contra Costa	Byron Hot Springs	519	18RW	Byron Creek	222-1	not on map		not diagnostic			
2306	Contra Costa	Byron Hot Springs	519	19RW	Byron Creek	222-1	not on map		not diagnostic			
2307	Contra Costa	Byron Hot Springs	519	20	Byron Creek	222-1	not on map		Cretaceous			
2308	Contra Costa	Byron Hot Springs	519	20RW	Byron Creek	222-1	not on map		Cretaceous			
2309	Contra Costa	Byron Hot Springs	519	21	Byron Creek	222-1	not on map		Cretaceous			
2310	Contra Costa	Byron Hot Springs	519	24RW	Byron Creek	222-1	not on map		no paleo info			
2311	Contra Costa	Byron Hot Springs	519	26	Byron Creek	222-1	not on map		Cretaceous			
2312	Contra Costa	Byron Hot Springs	519	27RW	Byron Creek	222-1	not on map		no paleo info			
2313	Contra Costa	Byron Hot Springs	519	28	Byron Creek	222-1	not on map		U Cret G-1 zone			
2314	Contra Costa	Byron Hot Springs	519	28.5	Byron Creek	222-1	not on map		no paleo info			
2315	Contra Costa	Byron Hot Springs	519	29	Byron Creek	222-1	not on map		Upper Cretaceous?			
2316	Contra Costa	Byron Hot Springs	519	30	Byron Creek	222-1	not on map		barren			
2317	Contra Costa	Byron Hot Springs	519	31	Byron Creek	222-1	not on map		barren			
2318	Contra Costa	Byron Hot Springs	519	32	Byron Creek	222-1	not on map		Upper Cretaceous?			
2319	Contra Costa	Byron Hot Springs	519	34	Byron Creek	222-1	not on map		U Cret F-2 zone			
2320	Contra Costa	Byron Hot Springs	519	35	Byron Creek	222-1	not on map		U Cret F-2 zone			
2321	Contra Costa	Byron Hot Springs	519	36	Byron Creek	222-1	not on map		Cretaceous			
2322	Contra Costa	Byron Hot Springs	519	37	Byron Creek	222-1	not on map		Upper Cret F/G			
2323	Contra Costa	Byron Hot Springs	519	38	Byron Creek	222-1	not on map		Upper Cret F/G			
2324	Contra Costa	Byron Hot Springs	519	40	Byron Creek	222-1	not on map		U Cret F-2 zone			
2325	Contra Costa	Byron Hot Springs	519	43	Byron Creek	222-1	not on map		Cretaceous			
2326	Contra Costa	Byron Hot Springs	519	44	Byron Creek	222-1	not on map		Cretaceous			
2327	Contra Costa	Byron Hot Springs	519	45	Byron Creek	222-1	not on map		U Cret G zone			
2328	Contra Costa	Byron Hot Springs	519	46	Byron Creek	222-1	not on map		not diagnostic			
2329	Contra Costa	Byron Hot Springs	519	47	Byron Creek	222-1	not on map		Cretaceous			
2330	Contra Costa	Byron Hot Springs	519	50	Byron Creek	222-1	not on map		Cretaceous			
2331	Contra Costa	Byron Hot Springs	519	51	Byron Creek	222-1	not on map		Cretaceous			
2332	Contra Costa	Byron Hot Springs	519	52	Byron Creek	222-1	not on map		Cretaceous			
2333	Contra Costa	Byron Hot Springs	519	54	Byron Creek	222-1	not on map		Cretaceous			
2334	Contra Costa	Byron Hot Springs	519	55	Byron Creek	222-1	not on map		Cretaceous			
2335	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		
2336	Contra Costa	Byron Hot Springs	813	639	1 mi W Byron HS	A-12	all # on same slide	not on map	Upper Cretaceous	Solari		
2337	Contra Costa	Byron Hot Springs	816	640-2	1 mi W Byron HS	A-12	NW4-16/1S/3E		Eocene			
2338	Contra Costa	Byron Hot Springs	817	644	Near Byron Hot Sp	A-12	flood diatoms	not on map	Eocene	Solari		
2339	Contra Costa	Byron Hot Springs	871		not on map	B-2	16/1S/3E (SLP)	age from slide	Cretaceous	Solari		
2340	Contra Costa	Byron Hot Springs	873		not on map	B-2	21/1S/2E (SLP)	age from slide	Cretaceous	Solari		
2341	Contra Costa	Byron Hot Springs	951		not on map	B-3	11/1S/3E (SLP)	age from slide	Cretaceous	Solari		
2342	Contra Costa	Byron Hot Springs	953		not on map	B-3	20/1S/3E (SLP)	age from slide	Prob U Cret F zone	Solari		
2343	Contra Costa	Byron Hot Springs	954		not on map	B-3	17/1S/3E (SLP)	age strat col	U Cret D zone	Solari		
2344	Contra Costa	Byron Hot Springs	955		not on map	B-3	17/1S/3E (SLP)	age strat col	U Cret D zone	Solari		
2345	Contra Costa	Byron Hot Springs	957		SW of Byron HS	B-3	16/1S/1E (SLP)	age strat col	U Cret D zone	Solari		
2346	Contra Costa	Byron Hot Springs	961		SW of Byron HS	B-3	47/1S/1E (SLP)	age from slide	Cretaceous	Solari		
2347	Contra Costa	Byron Hot Springs	962		E of Vasco Road	B-3	18/1S/3E (SLP)	age strat col	U Cret F-2	Solari		
2348	Contra Costa	Byron Hot Springs	963		not on map	B-3	18/1S/3E (SLP)	age strat col	U Cret F-2	Solari		
2349	Contra Costa	Byron Hot Springs	964		E of Vasco Road	B-3	18/1S/3E (SLP)	age strat col	U Cret F-2	Solari		
2350	Contra Costa	Byron Hot Springs	964A		E of Vasco Road	B-3	18/1S/3E (SLP)	age strat col	not diagnostic	Solari		
2351	Contra Costa	Byron Hot Springs	965		not on map	B-3	13/1S/2E (SLP)	age strat col	barren	Solari		
2352	Contra Costa	Byron Hot Springs	966		not on map	B-3	24/1S/2E (SLP)	age strat col	not diagnostic	Solari		
2353	Contra Costa	Byron Hot Springs	967		not on map	B-3	24/1S/2E (SLP)	age strat col	not diagnostic	Solari		
2354	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		
2355	Contra Costa	Byron Hot Springs	971		E of Vasco Road	B-3	24/1S/2E (SLP)	age from slide	Cretaceous	Solari		
2356	Contra Costa	Byron Hot Springs	1475	30	Near Byron Hot Sp	71-G	not on map	15/1S/1E	not diagnostic			
2357	Contra Costa	Byron Hot Springs	1475	40	Near Byron Hot Sp	71-G	Kellogg shale	corehole	not diagnostic			
2358	Contra Costa	Byron Hot Springs	1475	50	Near Byron Hot Sp	71-G	Kellogg shale	corehole	not diagnostic			
2359	Contra Costa	Byron Hot Springs	1475	60	Near Byron Hot Sp	71-G	Kellogg shale	corehole	not diagnostic			
2360	Contra Costa	Byron Hot Springs	1475	70	Near Byron Hot Sp	71-G	Kellogg shale	corehole	not diagnostic			
2361	Contra Costa	Byron Hot Springs	1475	80	Near Byron Hot Sp	71-G	Kellogg shale	corehole	not diagnostic			
2362	Contra Costa	Byron Hot Springs	1475	90	Near Byron Hot Sp	71-G	Kellogg shale	corehole	not diagnostic			
2363	Contra Costa	Byron Hot Springs	1475	100	Near Byron Hot Sp	71-G	Kellogg shale	corehole	not diagnostic			
2364	Contra Costa	Byron Hot Springs	3780		not on map	129-B	age from strat col		Cretaceous	Christian		
2365	Contra Costa	Byron Hot Springs	3781		not on map	129-B	age from strat col		Cretaceous	Christian		
2366	Contra Costa	Byron Hot Springs	3872		not on map	129-B	age from strat col		Cretaceous	Christian		
2367	Contra Costa	Byron Hot Springs	3783		not on map	129-B			not diagnostic	Christian		
2368	Contra Costa	Byron Hot Springs	3784		not on map	129-C	rad & diatom abun		not diagnostic	Christian		
2369	Contra Costa	Byron Hot Springs	3786		not on map	129-C	rad & diatom abun		not diagnostic	Christian		
2370	Contra Costa	Byron Hot Springs	3787		not on map	129-C			Cretaceous?	Christian		
2371	Contra Costa	Byron Hot Springs	3788		not on map	129-C			Eocene	Christian		
2372	Contra Costa	Byron Hot Springs	3789		not on map	129-C			Eocene	Christian		
2373	Alameda	Byron Hot Springs	11580		Brushy Ck	226-C	8/2S/3E (SLP)		poss U Cret F-2	Colburn		
2374	Alameda	Byron Hot Springs	11581		Brushy Ck	226-C	8/2S/3E (SLP)		U Cret F/G zones	Colburn		
2375	Alameda	Byron Hot Springs	11582		Brushy Ck	226-C	17/2S/3E (SLP)		U Cret G-1 zone	Colburn		
2376	Alameda	Byron Hot Springs	11583		Mt Diablo	226-C	8/2S/3E (SLP)		not diagnostic	Colburn		
2377	Alameda	Byron Hot Springs	11584		Mt Diablo	226-C	8/2S/2E (SLP)		not diagnostic	Colburn		
2378	Alameda	Byron Hot Springs	11585		Mt Diablo	226-C	8/2S/2E (SLP)		U Cret F/G zones	Colburn		
2379	Alameda	Byron Hot Springs	11586		Brushy Ck	226-C	8/2S/3E (SLP)		U Cret F-2 zone	Colburn		
2380	Alameda	Byron Hot Springs	11588		Mt Diablo	226-C	8/2S/2E (SLP)		prob U Cret F-2	Colburn		
2381	Alameda	Byron Hot Springs	11590		Brushy Ck	226-C	17/2S/3E (SLP)		U Cret F/G zones	Colburn		

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		
2382	Alameda	Byron Hot Springs	11592		Brushy Ck	226-C	17/2S/3E (SLP)		U Cret F/G zones	Colburn		
2383	Alameda	Byron Hot Springs	11595		Vasco Road	226-C	15/2S/2E (SLP)		U Cret F-2 zone	Colburn		
2384	Alameda	Byron Hot Springs	11597		Vasco Road	226-C	10/2S/2E (SLP)		U Cret G-2 zone	Colburn		
2385	Contra Costa	Byron Hot Springs	11598		Vasco Road	226-C	10/2S/2E (SLP)		U Cret G-2 zone	Colburn		
2386	Contra Costa	Byron Hot Springs	13923		Vasco Road	16-G	14/1S/2E (SLP)	SLURP age	Upper Cretaceous	Tasker		
2387	Contra Costa	Byron Hot Springs	13938		Vasco Road	16-G	14/1S/2E (SLP)	see # 13923	Upper Cretaceous	Tasker		
2388	Contra Costa	Byron Hot Springs	21462	2A	NW corner quad	226-F	Mt Diablo auger		U Cret E zone	Brenna		
2389	Contra Costa	Byron Hot Springs	21462	2B	NW corner quad	226-F	Mt Diablo auger		U Cret E zone	Brenna		
2390	Contra Costa	Byron Hot Springs	21462	2C	NW corner quad	226-F	Mt Diablo auger		U Cret E zone	Brenna		
2391	Contra Costa	Byron Hot Springs	21462	3A	NW corner quad	226-F	Mt Diablo auger		U Cret E zone	Brenna		
2392	Contra Costa	Byron Hot Springs	21462	3B	NW corner quad	226-E	Mt Diablo auger		U Cret E zone	Brenna		
2393	Contra Costa	Byron Hot Springs	21462	4A	NW corner quad	226-E	Mt Diablo auger		U Cret E zone	Brenna		
2394	Contra Costa	Byron Hot Springs	21462	4B	NW corner quad	226-E	Mt Diablo auger		U Cret E zone	Brenna		
2395	Contra Costa	Byron Hot Springs	21462	4C	NW corner quad	226-E	Mt Diablo auger		U Cret E zone	Brenna		
2396	Contra Costa	Byron Hot Springs	21462	4D	NW corner quad	226-E	Mt Diablo auger		U Cret E zone	Brenna		
2397	Contra Costa	Byron Hot Springs	21462	5A	NW corner quad	226-E	Mt Diablo auger		U Cret E zone	Brenna		
2398	Contra Costa	Byron Hot Springs	21462	5B	NW corner quad	226-E	Mt Diablo auger		U Cret E zone	Brenna		
2399	Contra Costa	Byron Hot Springs	21462	5C	NW corner quad	226-E	Mt Diablo auger		U Cret E zone	Brenna		
2400	Contra Costa	Byron Hot Springs	21462	6A	NW corner quad	226-E	Mt Diablo auger		U Cret F-1 zone	Brenna		
2401	Contra Costa	Byron Hot Springs	21462	6B	NW corner quad	226-E	Mt Diablo auger		U Cret F-1 zone	Brenna		
2402	Contra Costa	Byron Hot Springs	21462	6C	NW corner quad	226-E	Mt Diablo auger		U Cret F-1 zone	Brenna		
2403	Contra Costa	Byron Hot Springs	21462	7A	NW corner quad	226-E	Mt Diablo auger		U Cret F-1 zone	Brenna		
2404	Contra Costa	Byron Hot Springs	21462	7B	NW corner quad	226-E	Mt Diablo auger		U Cret F-1 zone	Brenna		
2405	Contra Costa	Byron Hot Springs	21462	7C	NW corner quad	226-E	Mt Diablo auger		U Cret F-1 zone	Brenna		
2406	Contra Costa	Byron Hot Springs	21462	5.5	NW corner quad	226-E	Mt Diablo auger		U Cret E zone	Brenna		
2407	Contra Costa	Byron Hot Springs	21462	6.5	NW corner quad	226-E	Mt Diablo auger		U Cret F-1 zone	Brenna		
2408	Contra Costa	Byron Hot Springs	21462	7.5	NW corner quad	226-E	Mt Diablo auger		U Cret F-1 zone	Brenna		
2409	Contra Costa	Byron Hot Springs	21467	1	Kellogg Creek	226-H	Mt Diablo auger		U Cret E zone	Brenna		
2410	Contra Costa	Byron Hot Springs	21467	2	Kellogg Creek	226-H	Mt Diablo auger		U Cret E zone	Brenna		
2411	Contra Costa	Byron Hot Springs	21467	3	Kellogg Creek	226-H	Mt Diablo auger		U Cret E/F zones	Brenna		
2412	Contra Costa	Byron Hot Springs	21467	4	Kellogg Creek	226-H	Mt Diablo auger		U Cret F zone	Brenna		
2413	Contra Costa	Byron Hot Springs	21467	5	Kellogg Creek	226-H	Mt Diablo auger		U Cret F-2 zone	Brenna		
2414	Contra Costa	Byron Hot Springs	21467	6A	Kellogg Creek	226-H	Mt Diablo auger		U Cret F/G zone	Brenna		
2415	Contra Costa	Byron Hot Springs	21467	7A	Kellogg Creek	226-H	Mt Diablo auger		U Cret G-1 zone	Brenna		
2416	Contra Costa	Byron Hot Springs	21467	8A	Kellogg Creek	226-H	Mt Diablo auger		U Cret G zone	Brenna		
2417	Contra Costa	Byron Hot Springs	21467	9	Kellogg Creek	226-H	Mt Diablo auger	flood rads	U Cret G-2 zone	Brenna		
2418	Contra Costa	Byron Hot Springs	21467	9A	Kellogg Creek	226-H	Mt Diablo auger	flood rads	U Cret G-2 zone	Brenna		
2419	Contra Costa	Byron Hot Springs	21467	10A	Kellogg Creek	226-H	Mt Diablo auger		U Cret H zone	Brenna		
2420	Contra Costa	Byron Hot Springs	21467	11A	Kellogg Creek	226-H	Mt Diablo auger		U Cret H zone	Brenna		
2421	Contra Costa	Byron Hot Springs	21467	12	Kellogg Creek	226-H	Mt Diablo auger		U Cret H zone	Brenna		
2422	Contra Costa	Byron Hot Springs	21467	13A	Kellogg Creek	226-H	Mt Diablo auger		U Cret H/I zones	Brenna		
2423	Contra Costa	Byron Hot Springs	21467	14	Kellogg Creek	226-H	Mt Diablo auger		Upper Cretaceous	Brenna		
2424	Contra Costa	Byron Hot Springs	21467	15A	Kellogg Creek	226-H	Mt Diablo auger		U Cret G-2 zone	Brenna		
2425	Contra Costa	Byron Hot Springs	21467	16A	Kellogg Creek	226-H	Mt Diablo auger		Upper Cretaceous	Brenna		
2426	Contra Costa	Byron Hot Springs	21468	17A	Kellogg Creek	226-H	Mt Diablo auger		U Cret G1 zone	Brenna		
2427	Contra Costa	Byron Hot Springs	21468	17B	Kellogg Creek	226-H	Mt Diablo auger		U Cret G zone	Brenna		
2428	Contra Costa	Byron Hot Springs	21468	1	Dyer Road	226-H	Mt Diablo auger		prob U Cret G-1	Brenna		
2429	Contra Costa	Byron Hot Springs	21468	2	Dyer Road	226-H	Mt Diablo auger		prob U Cret G-1	Brenna		
2430	Contra Costa	Byron Hot Springs	21468	3	Dyer Road	226-H	Mt Diablo auger		prob U Cret G-1	Brenna		
2431	Contra Costa	Byron Hot Springs	21468	4	Dyer Road	226-H	Mt Diablo auger		prob U Cret G-1	Brenna		
2432	Contra Costa	Byron Hot Springs	21468	5	Dyer Road	226-H	Mt Diablo auger		prob U Cret F-2	Colburn		
2433	Contra Costa	Byron Hot Springs	21503		Vasco Road	226-C		good calc	U Cret G-2 fauna	Colburn		
2434	Contra Costa	Byron Hot Springs	21504		Vasco Road	226-C		see 11584	U Cret F-2 zone	Colburn		
2435	Contra Costa	Byron Hot Springs	21506		Vasco Road	226-C			U Cret G-2 fauna	Colburn		
2436	Contra Costa	Byron Hot Springs	21509		Vasco Road	226-D			not diagnostic	Colburn		
2437	Contra Costa	Byron Hot Springs	21510		Vasco Road	226-D			prob U Cret G-2	Colburn		
2438	Alameda	Byron Hot Springs	21511		SE part quad	226-D			U Cret F-2 zone	Colburn		
2439	Contra Costa	Byron Hot Springs?	214	202A	not on map	F-13		Kellog sh	Eocene			
2440	Contra Costa	Byron Hot Springs?	214	202B	not on map	F-13		Kellog sh	Eocene			
2441	Contra Costa	Byron Hot Springs?	214	202C	not on map	F-13		Kellog sh	Eocene			
2442	Contra Costa	Byron Hot Springs?	214	202D	not on map	F-13		Kellog sh	Eocene			
2443	Contra Costa	Byron Hot Springs?	214	202E	not on map	F-13		Kellog sh	Eocene			
2444	Contra Costa	Byron Hot Springs?	214	202F	not on map	F-13		Kellog sh	Eocene			
2445	Contra Costa	Byron Hot Springs?	214	202G	not on map	F-13		Kellog sh	Eocene			
2446	Contra Costa	Byron Hot Springs?	214	202H	not on map	F-13		Kellog sh	Eocene			
2447	Contra Costa	Byron Hot Springs?	214	202I	not on map	F-13		Kellog sh	Eocene			
2448	Contra Costa	Byron Hot Springs?	214	202J	not on map	F-13		Kellog sh	Eocene			
2449	Contra Costa	Byron Hot Springs?	214	202K	not on map	F-13		Kellog sh	Eocene			
2450	Contra Costa	Byron Hot Springs?	214	202L	not on map	F-13		Kellog sh	Eocene			
2451	Contra Costa	Byron Hot Springs?	21502		not found	226-C			U Cret F-2 zone	Colburn		
2452	Riverside	Cabazon	2770		Lion Canyon	26-K	San Jacinto 15'	Imperial Fm	good fauna			
2453	Riverside	Cabazon	10025	1	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm	Miocene			
2454	Riverside	Cabazon	10025	1A	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm	Miocene			
2455	Riverside	Cabazon	10025	2	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm	Miocene			
2456	Riverside	Cabazon	10025	3	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm	Miocene			
2457	Riverside	Cabazon	10025	4	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm	Miocene			
2458	Riverside	Cabazon	10025	5	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm	Miocene			
2459	Riverside	Cabazon	10025	5A	Lion Canyon	22-D	San Jacinto 15'	Imperial Fm	Miocene			
2460	Los Angeles	Calabasas	306	7	Dry Canyon	45-L			not diagnostic			
2461	Los Angeles	Calabasas	306	16	Dry Canyon	45-L			Luisian			
2462	Los Angeles	Calabasas	306	17	Dry Canyon	45-L			Luisian			
2463	Los Angeles	Calabasas	306	18	Dry Canyon	45-L			Luisian			
2464	Los Angeles	Calabasas	306	19	Dry Canyon	45-L			Luisian			
2465	Los Angeles	Calabasas	306	20	Dry Canyon	45-L			Luisian			
2466	Los Angeles	Calabasas	306	24	Dry Canyon	45-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/AGI	COLLECTORS		
2467	Los Angeles	Calabasas	306	25	Dry Canyon	45-L			Mohnian			
2468	Los Angeles	Calabasas	306	26	Dry Canyon	45-L			Mohnian			
2469	Los Angeles	Calabasas	306	28	Dry Canyon	45-L			Mohnian			
2470	Los Angeles	Calabasas	306	29	Dry Canyon	45-L			Mohnian			
2471	Los Angeles	Calabasas	306	30	Dry Canyon	45-L			Mohnian			
2472	Los Angeles	Calabasas	307	15	Old Topanga Rd	45-M			Luisian			
2473	Los Angeles	Calabasas	307	16	Old Topanga Rd	45-M			Luisian			
2474	Los Angeles	Calabasas	307	21	Old Topanga Rd	45-M			Luisian			
2475	Los Angeles	Calabasas	308	7	Ventura Blvd	45-M			contaminated			
2476	Los Angeles	Calabasas	308	9	Ventura Blvd	45-M			contaminated			
2477	Los Angeles	Calabasas	308	12	Ventura Blvd	45-M			Luisian			
2478	Los Angeles	Calabasas	308	15	Ventura Blvd	45-M			Luisian			
2479	Los Angeles	Calabasas	308	21	Ventura Blvd	45-M			Luisian			
2480	Los Angeles	Calabasas	308	28	Ventura Blvd	45-M			Luisian			
2481	Los Angeles	Calabasas	322	1	SC part of quad	45-M			not diagnostic			
2482	Los Angeles	Calabasas	322	3	SC part of quad	45-M			Mohnian			
2483	Los Angeles	Calabasas	322	6	SC part of quad	45-M			Mohnian			
2484	Los Angeles	Calabasas	322	7	SC part of quad	45-M			Mohnian			
2485	Ventura	Calabasas	326	1	Upper Virgines Cy	45-N			not diagnostic			
2486	Ventura	Calabasas	326	3	Upper Virgines Cy	45-N			not diagnostic			
2487	Los Angeles	Calabasas	329	2	Brenta Junct. Area	45-N			poss Mohnian			
2488	Los Angeles	Calabasas	329	6	Brenta Junct. Area	45-N			not diagnostic			
2489	Los Angeles	Calabasas	346	1	SE part of quad	45-M			not diagnostic		Southw.	
2490	Los Angeles	Calabasas	346	3	SE part of quad	45-M			not diagnostic		Southw.	
2491	Los Angeles	Calabasas	346	4	SE part of quad	45-M			Upper Mohnian		Southw.	
2492	Los Angeles	Calabasas	347	5	SE part of quad	45-M			Miocene		Southw.	
2493	Los Angeles	Calabasas	5558	A	Ventura Blvd	48-G	near Brenta Jun		no paleo info			
2494	Los Angeles	Calabasas	6031		S of Bell Canyon	45-N	sa #34048		no paleo info		Weser	
2495	Ventura	Calabasas	6037		S of Bell Canyon	45-N			no paleo info		Weser	
2496	Los Angeles	Calabasas	6069		S of Agoura	45-N			Luisian			
2497	Los Angeles	Calabasas	6070		S of Agoura	45-N			Luisian			
2498	Los Angeles	Calabasas	8775		Brents Junction	78-F			no paleo info			
2499	Los Angeles	Calabasas	8777		Brents Junction	78-F	picked slide		no paleo info			
2500	Los Angeles	Calabasas	8787		Cohasset Street	78-F			Upper Mohnian			
2501	Los Angeles	Calabasas	8791		NW of Woodland H	79-M			Mohnian			
2502	Los Angeles	Calabasas	8901		W of Woodland H	79-M			Upper Mohnian			
2503	Los Angeles	Calabasas	8908		SE part quad	79-M			Lower Mohnian			
2504	Los Angeles	Calabasas	8909		SE part quad	79-M			Upper Mohnian			
2505	Los Angeles	Calabasas	8910		SE part quad	79-M			Upper Mohnian			
2506	Los Angeles	Calabasas	8912		Liberty Canyon	78-F			Middle Mohnian			
2507	Los Angeles	Calabasas	8927		SW of Woodland H	79-M			prob U Mohnian			
2508	Los Angeles	Calabasas	8971	1	N of Brents Junct	79-N			Upper Mohnian			
2509	Los Angeles	Calabasas	8971	2	N of Brents Junct	79-N			Upper Mohnian			
2510	Los Angeles	Calabasas	8988		Calabasas PO	79-N			Mohnian			
2511	Santa Clara	Calaveras Reservoir	1032	A	Alum Rock Pk area	51-G			Middle Miocene			
2512	Santa Clara	Calaveras Reservoir	1032	B	Alum Rock Pk area	51-G			Middle Miocene			
2513	Santa Clara	Calaveras Reservoir	1032	C	Alum Rock Pk area	51-G			Middle Miocene			
2514	Santa Clara	Calaveras Reservoir	1032	D	Alum Rock Pk area	51-G			Middle Miocene			
2515	Santa Clara	Calaveras Reservoir	1032	E	Alum Rock Pk area	51-G			Middle Miocene			
2516	Santa Clara	Calaveras Reservoir	1032	F	Alum Rock Pk area	51-G			Middle Miocene			
2517	San Luis Obispo	Caldwell Mesa	1584		Arroyo Seco	69-A	Nipomo 15'		Luisian			
2518	San Luis Obispo	Caldwell Mesa	1585		Arroyo Seco	69-A	Nipomo 15'		Luisian			
2519	San Luis Obispo	Caldwell Mesa	1586		Arroyo Seco	69-A	Nipomo 15'		Lower Luisian			
2520	San Luis Obispo	Caldwell Mesa	1587		Arroyo Seco	69-A	Nipomo 15'		Relizian			
2521	San Luis Obispo	Caldwell Mesa	1588		Arroyo Seco	69-A	Nipomo 15'		Upper Relizian			
2522	San Luis Obispo	Caldwell Mesa	1589		Arroyo Seco	69-A	Nipomo 15'		Luisian/Relizian			
2523	San Luis Obispo	Caldwell Mesa	1590		Arroyo Seco	69-A	Nipomo 15'		M/L Miocene			
2524	San Luis Obispo	Caldwell Mesa	1594		Arroyo Seco	69-A	Nipomo 15'		Lower Mohnian			
2525	San Luis Obispo	Caldwell Mesa	1632		Porter Rnch area	69-B	Nipomo 15'		not diagnostic		Newbill	
2526	San Luis Obispo	Caldwell Mesa	1635		Porter Rnch area	69-B	Nipomo 15'		not diagnostic		Newbill	
2527	Santa Barbara	Caldwell Mesa	1637		Porter Rnch area	69-B	Nipomo 15'		U Miocene?		Newbill	
2528	San Luis Obispo	Caldwell Mesa	1796		Huasna river	69-C	No forams but	Pliocene clam	not diagnostic		Newbill	
2529	San Luis Obispo	Caldwell Mesa	1877		Huasna River	69-D	Nipomo 15'	age from clam	Pliocene		Newbill	
2530	San Luis Obispo	Caldwell Mesa	1894		Salt Creek	69-D	Nipomo 15'		Luisian		Newbill	
2531	San Luis Obispo	Caldwell Mesa	1897		Porter Ranch area	69-D	Nipomo 15'		not diagnostic		Newbill	
2532	San Luis Obispo	Caldwell Mesa	1898		Porter Ranch area	69-D	Nipomo 15'		not diagnostic		Newbill	
2533	San Luis Obispo	Caldwell Mesa	1902		Porter Ranch area	69-D	Nipomo 15'		barren		Carlisle	
2534	San Luis Obispo	Caldwell Mesa	1903		Porter Ranch area	69-D	Nipomo 15'		Middle Miocene		Newbill	
2535	San Luis Obispo	Caldwell Mesa	1904		Porter Ranch area	69-E	Nipomo 15'		no paleo info		Newbill	
2536	San Luis Obispo	Caldwell Mesa	1906		Arroyo Seco	69-E	Nipomo 15'		Upper Relizian		Newbill	
2537	San Luis Obispo	Caldwell Mesa	1907		Arroyo Seco	69-E	Nipomo 15'		Upper Relizian		Newbill	
2538	San Luis Obispo	Caldwell Mesa	1909		Arroyo Seco	69-E	Nipomo 15'		M or L Miocene		Newbill	
2539	San Luis Obispo	Caldwell Mesa	1910		Arroyo Seco	69-E	Nipomo 15'		M or L Miocene		Newbill	
2540	San Luis Obispo	Caldwell Mesa	1911		Arroyo Seco	69-E	Nipomo 15'		M or L Miocene		Newbill	
2541	San Luis Obispo	Caldwell Mesa	1912		Arroyo Seco	69-E	Nipomo 15'		prob Relizian		Newbill	
2542	San Luis Obispo	Caldwell Mesa	1920		Huasna River	69-E	Nipomo 15'		Luisian		Newbill	
2543	San Luis Obispo	Caldwell Mesa	1921		Huasna River	69-E	Nipomo 15'		Lower Luisian		Newbill	
2544	San Luis Obispo	Caldwell Mesa	1922		Huasna River	69-E	Nipomo 15'		Luisian		Newbill	
2545	San Luis Obispo	Caldwell Mesa	1923		Huasna River	69-E	Nipomo 15'		Miocene?		Newbill	
2546	San Luis Obispo	Caldwell Mesa	1924		Huasna River	69-E	Nipomo 15'		Upper Luisian		Newbill	
2547	San Luis Obispo	Caldwell Mesa	1925		Huasna River	69-E	Nipomo 15'		M or L Miocene		Newbill	
2548	San Luis Obispo	Caldwell Mesa	1926		Huasna River	69-E	Nipomo 15'	abun planktics	not diagnostic		Newbill	
2549	San Luis Obispo	Caldwell Mesa	1995		Arroyo Seco	69-F	Nipomo 15'		barren		Newbill	
2550	San Luis Obispo	Caldwell Mesa	1996		Arroyo Seco	69-F	Nipomo 15'		Miocene		Newbill	
2551	San Luis Obispo	Caldwell Mesa	2059		Arroyo Seco	69-G	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	ZONE/SERIES/AG	COLLECTORS		
2552	San Luis Obispo	Caldwell Mesa	2060		Arroyo Seco	69-G	Nipomo 15'		Luisian			
2553	San Luis Obispo	Caldwell Mesa	2061		Arroyo Seco	69-G	Nipomo 15'		Luisian			
2554	San Luis Obispo	Caldwell Mesa	2230		Arroyo Seco	69-G	Nipomo 15'	AGran on slide	Lower Luisian			
2555	San Luis Obispo	Caldwell Mesa	2231		Arroyo Seco	69-G	Nipomo 15'	AGran on slide	Lower Luisian			
2556	San Luis Obispo	Caldwell Mesa	2232		Arroyo Seco	69-G	Nipomo 15'	AGran on slide	Lower Luisian	Newbill		
2557	San Luis Obispo	Caldwell Mesa	2233		Arroyo Seco	69-G	but slide says AG	AGran on slide	Lower Luisian	Newbill		
2558	Santa Barbara	Caldwell Mesa	2234		Arroyo Seco	69-G	Nipomo 15'	AGran on slide	Lower Luisian	Newbill		
2559	San Luis Obispo	Caldwell Mesa	3643		Arroyo Seco	69-J	Nipomo 15'		Middle Miocene	Kraetsch		
2560	San Luis Obispo	Caldwell Mesa	3644		Arroyo Seco	69-J	Nipomo 15'		Probably Relizian	Kraetsch		
2561	San Luis Obispo	Caldwell Mesa	3645		Arroyo Seco	69-J	Nipomo 15'		Luisian	Kraetsch		
2562	San Luis Obispo	Caldwell Mesa	3646		Arroyo Seco	62-C	Nipomo 15'		Relizian	Kraetsch		
2563	San Luis Obispo	Caldwell Mesa	3647		Arroyo Seco	62-C	Nipomo 15'		Relizian	Kraetsch		
2564	San Luis Obispo	Caldwell Mesa	3877		Salt Creek	69-K	Nipomo 15'		Luisian	Zeni		
2565	San Luis Obispo	Caldwell Mesa	3878		Salt Creek	69-K	Nipomo 15'		Relizian	Zeni		
2566	San Luis Obispo	Caldwell Mesa	3879		E of Porter Ranch	69-K	Nipomo 15'		Relizian	Moberly		
2567	San Luis Obispo	Caldwell Mesa	3880		E of Porter Ranch	69-K	Nipomo 15'		prob Relizian	Moberly		
2568	San Luis Obispo	Caldwell Mesa	3881		E of Porter Ranch	69-K	Nipomo 15'		Middle Miocene	Moberly		
2569	San Luis Obispo	Caldwell Mesa	3882		E of Porter Ranch	69-K	Nipomo 15'		not diagnostic	Moberly		
2570	San Luis Obispo	Caldwell Mesa	3887		Arroyo Seco	69-K	Nipomo 15'		Relizian	Moberly		
2571	San Luis Obispo	Caldwell Mesa	3888		Joaquin Canyon	69-K	Nipomo 15'		Luisian	Moberly		
2572	San Luis Obispo	Caldwell Mesa	3889		Joaquin Canyon	69-K	Nipomo 15'		Luisian	Moberly		
2573	San Luis Obispo	Caldwell Mesa	3890		Joaquin Canyon	69-K	Nipomo 15'		Middle Miocene	Moberly		
2574	San Luis Obispo	Caldwell Mesa	3891		Joaquin Canyon	69-K	Nipomo 15'		Upper Miocene	Moberly		
2575	San Luis Obispo	Caldwell Mesa	3893		Huasna River	69-K	Nipomo 15'		Miocene/Pliocene	Moberly		
2576	San Luis Obispo	Caldwell Mesa	3894		Huasna River	69-K	Nipomo 15'		not diagnostic	Moberly		
2577	San Luis Obispo	Caldwell Mesa	3895		Huasna River	69-K	Nipomo 15'		Luisian	Moberly		
2578	San Luis Obispo	Caldwell Mesa	3896		Huasna River	69-K	Nipomo 15'		Luisian	Moberly		
2579	San Luis Obispo	Caldwell Mesa	3897		Huasna River	69-K	Nipomo 15'		Upper Miocene	Moberly		
2580	San Luis Obispo	Caldwell Mesa	3899		Huasna River	69-K	Nipomo 15'		not diagnostic	Moberly		
2581	San Luis Obispo	Caldwell Mesa	3900		Huasna River	69-K	Nipomo 15'		not diagnostic	Moberly		
2582	San Luis Obispo	Caldwell Mesa	3924		Trout Creek area	69-J	Nipomo 15'	rubber casts	Middle Miocene	Moberly		
2583	San Luis Obispo	Caldwell Mesa	3925		Trout Creek area	69-J	Nipomo 15'	rubber casts	Miocene	Moberly		
2584	San Luis Obispo	Caldwell Mesa	3927		Trout Creek area	69-J	Nipomo 15'		not diagnostic	Moberly		
2585	San Luis Obispo	Caliente Mountain	74	5	Morales Ridge	D-6			no paleo report	Steinke		
2586	San Luis Obispo	Caliente Mountain	77	1	Cuyama Valley	52-D	Caliente Mtn 15'	strat column	Saucesian	McMichael		
2587	San Luis Obispo	Caliente Mountain	77	2	Cuyama Valley	52-D	Caliente Mtn 15'	strat column	Saucesian	McMichael		
2588	San Luis Obispo	Caliente Mountain	77	3	Cuyama Valley	52-D	Caliente Mtn 15'	strat column	Saucesian	McMichael		
2589	San Luis Obispo	Caliente Mountain	77	4	Cuyama Valley	52-D	Caliente Mtn 15'	strat column	Saucesian	McMichael		
2590	San Luis Obispo	Caliente Mountain	77	5	Cuyama Valley	52-D	Caliente Mtn 15'	strat column	Relizian	McMichael		
2591	San Luis Obispo	Caliente Mountain	77	6	Cuyama Valley	52-D	Caliente Mtn 15'	strat column	Relizian	McMichael		
2592	San Luis Obispo	Caliente Mountain	77	7	Cuyama Valley	52-D	Caliente Mtn 15'	strat column	Relizian	McMichael		
2593	San Luis Obispo	Caliente Mountain	77	8	Cuyama Valley	52-D	Caliente Mtn 15'	strat column	Relizian	McMichael		
2594	San Luis Obispo	Caliente Mountain	77	9	Cuyama Valley	52-D	Caliente Mtn 15'	strat column	Relizian	McMichael		
2595	San Luis Obispo	Caliente Mountain	77	1	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Relizian	McMichael		
2596	San Luis Obispo	Caliente Mountain	77	2	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Relizian	McMichael		
2597	San Luis Obispo	Caliente Mountain	77	3	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Relizian	McMichael		
2598	San Luis Obispo	Caliente Mountain	77	4	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Relizian	McMichael		
2599	San Luis Obispo	Caliente Mountain	77	6	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Relizian	McMichael		
2600	San Luis Obispo	Caliente Mountain	77	8	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Relizian	McMichael		
2601	San Luis Obispo	Caliente Mountain	77	9	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Relizian	McMichael		
2602	San Luis Obispo	Caliente Mountain	77	10	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Relizian	McMichael		
2603	San Luis Obispo	Caliente Mountain	77	15	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Relizian	McMichael		
2604	San Luis Obispo	Caliente Mountain	77	16	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Relizian	McMichael		
2605	San Luis Obispo	Caliente Mountain	77	17	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2606	San Luis Obispo	Caliente Mountain	77	18	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2607	San Luis Obispo	Caliente Mountain	77	19	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2608	San Luis Obispo	Caliente Mountain	77	20	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2609	San Luis Obispo	Caliente Mountain	77	21	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2610	San Luis Obispo	Caliente Mountain	77	22	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2611	San Luis Obispo	Caliente Mountain	77	23	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2612	San Luis Obispo	Caliente Mountain	77	24	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2613	San Luis Obispo	Caliente Mountain	77	25	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2614	San Luis Obispo	Caliente Mountain	77	26	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2615	San Luis Obispo	Caliente Mountain	77	27	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2616	San Luis Obispo	Caliente Mountain	77	28	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2617	San Luis Obispo	Caliente Mountain	77	29	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2618	San Luis Obispo	Caliente Mountain	77	30	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2619	San Luis Obispo	Caliente Mountain	77	31	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2620	San Luis Obispo	Caliente Mountain	77	32	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2621	San Luis Obispo	Caliente Mountain	77	33	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2622	San Luis Obispo	Caliente Mountain	77	34	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2623	San Luis Obispo	Caliente Mountain	77	35	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2624	San Luis Obispo	Caliente Mountain	77	36	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2625	San Luis Obispo	Caliente Mountain	77	37	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2626	San Luis Obispo	Caliente Mountain	77	38	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2627	San Luis Obispo	Caliente Mountain	77	39	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Lower Luisian	McMichael		
2628	San Luis Obispo	Caliente Mountain	77	40	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Upper Luisian	McMichael		
2629	San Luis Obispo	Caliente Mountain	77	41	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Upper Luisian	McMichael		
2630	San Luis Obispo	Caliente Mountain	77	42	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Upper Luisian	McMichael		
2631	San Luis Obispo	Caliente Mountain	77	43	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Upper Luisian	McMichael		
2632	San Luis Obispo	Caliente Mountain	77	44	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Upper Luisian	McMichael		
2633	San Luis Obispo	Caliente Mountain	77	45	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Upper Luisian	McMichael		
2634	San Luis Obispo	Caliente Mountain	77	47	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	Upper Luisian	McMichael		
2635	San Luis Obispo	Caliente Mountain	77	52	Cuyama Valley	52-F	Caliente Mtn 15'	strat column	no paleo info	McMichael		
2636	San Luis Obispo	Caliente Mountain	78	1	Cuyama Valley 2	52-D	Caliente Mtn 15'		no paleo info	McMichael		

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		
2722	San Luis Obispo	Caliente Mountain	2866		NE part of quad	94-J	Caliente Mtn15'		no paleo info	Papp & S		
2723	San Luis Obispo	Caliente Mountain	2867		NE part of quad	94-J	Caliente Mtn15'	age from map	not diagnostic	Papp & S		
2724	San Luis Obispo	Caliente Mountain	2868		NE part of quad	94-J	Caliente Mtn15'	age from map	not diagnostic	Papp & S		
2725	San Luis Obispo	Caliente Mountain	2870		NW corner of quad	94-J	Caliente Mtn15'	age from map	Saucesian	Papp & S		
2726	San Luis Obispo	Caliente Mountain	2873		center of quad	94-J	Caliente Mtn 15'	age from map	Saucesian?	Papp		
2727	San Luis Obispo	Caliente Mountain	7532		S of Washburn Rd	160-E	Caliente Mtn 15'		no paleo info			
2728	San Luis Obispo	Caliente Mountain	7535	1	Washburn Ranch	160-E	Caliente Mtn 15'		Saucesian/Luisian			
2729	San Luis Obispo	Caliente Mountain	7535	2	Washburn Ranch	160-E	Caliente Mtn 15'		Saucesian/Luisian			
2730	San Luis Obispo	Caliente Mountain	11603	1	Cuyama Valley	68-K	Caliente Mtn 15'		no paleo info	Fritts		
2731	San Luis Obispo	Caliente Mountain	11603	2	Cuyama Valley	68-K	Caliente Mtn 15'		no paleo info	Fritts		
2732	San Luis Obispo	Caliente Mountain	11605	1	Morales Canyon	68-K	Caliente Mtn 15'		no paleo info	Fritts		
2733	San Luis Obispo	Caliente Mountain	11605	2	Morales Canyon	68-K	Caliente Mtn 15'		no paleo info	Fritts		
2734	San Luis Obispo	Caliente Mountain	11606	1	Morales Canyon	68-K	Caliente Mtn 15'		no paleo info	Fritts		
2735	San Luis Obispo	Caliente Mountain	11607	1	not found	68-K	Caliente Mtn 15'	rich fauna	no paleo info	Fritts		
2736	San Luis Obispo	Caliente Mountain	11608	1	Morales Canyon	68-K	Caliente Mtn 15'		no paleo info	Fritts		
2737	San Luis Obispo	Caliente Mountain	11609	2	Cuyama River	68-K	Caliente Mtn 15'		no paleo info	Fritts		
2738	San Luis Obispo	Caliente Mountain	18464		Washburn Ranch	260-D	Caliente Mtn 15'		L or M Miocene			
2739	San Luis Obispo	Caliente Mountain	18469		NE of Caliente Mtn	260-D	Caliente Mtn 15'		not diagnostic			
2740	San Luis Obispo	Caliente Mountain	21029	A	W of Morales Cyn	189-A	Caliente Mtn 15'		no paleo info	Drummond		
2741	San Luis Obispo	Caliente Mountain	21029	B	W of Morales Cyn	189-A	Caliente Mtn 15'		no paleo info	Drummond		
2742	San Luis Obispo	Caliente Mountain	21030		W of Morales Cyn	189-B	Caliente Mtn 15'		no paleo info	Drummond		
2743	San Luis Obispo	Caliente Mountain	21031		W of Morales Cyn	189-B	Caliente Mtn 15'		no paleo info	Drummond		
2744	San Luis Obispo	Caliente Mountain	21033		W of Morales Cyn	189-B	Caliente Mtn 15'		no paleo info	Drummond		
2745	San Luis Obispo	Caliente Mountain	21034		W of Morales Cyn	189-B	Caliente Mtn 15'		no paleo info	Drummond		
2746	San Luis Obispo	Caliente Mountain	21035	A	not on map	189-B	Caliente Mtn 15'		no paleo info	Drummond		
2747	San Luis Obispo	Caliente Mountain	21035	B	not on map	189-B	Caliente Mtn 15'		no paleo info	Drummond		
2748	San Luis Obispo	Caliente Mountain	21037		Head Morales Cyn	189-B	Caliente Mtn 15'		not diagnostic	Drummond		
2749	San Luis Obispo	Caliente Mountain	21038		Head Morales Cyn	189-B	Caliente Mtn 15'		not diagnostic	Drummond		
2750	San Luis Obispo	Caliente Mountain	21040		Morales Canyon	189-B	Caliente Mtn 15'		no paleo info	Drummond		
2751	San Luis Obispo	Caliente Mountain	21041		Morales Canyon	189-B	Caliente Mtn 15'		Luisian	Drummond		
2752	San Luis Obispo	Caliente Mountain	21042		Morales Canyon	189-B	Caliente Mtn 15'		Luisian	Drummond		
2753	San Luis Obispo	Caliente Mountain	21043		Morales Canyon	189-B	Caliente Mtn 15'		Luisian			
2754	San Luis Obispo	Caliente Mountain	21044		Morales Canyon	189-B	Caliente Mtn 15'		Luisian			
2755	San Luis Obispo	Caliente Mountain	21045		Morales Canyon	189-B	Caliente Mtn 15'		Luisian			
2756	San Luis Obispo	Caliente Mountain	21046		Morales Canyon	189-B	Caliente Mtn 15'		Zemorrian			
2757	San Luis Obispo	Caliente Mountain	21047		Morales Canyon	189-B	Caliente Mtn 15'		Zemorrian			
2758	San Luis Obispo	Caliente Mountain	21048		Morales Canyon	189-B	Caliente Mtn 15'		no paleo info			
2759	San Luis Obispo	Caliente Mountain	21049		Morales Canyon	189-B	Caliente Mtn 15'		Zemorrian			
2760	San Luis Obispo	Caliente Mountain	21050		not on map	189-B	Caliente Mtn 15'		Zemorrian			
2761	San Luis Obispo	Caliente Mountain	21051		Morales Canyon	189-B	Caliente Mtn 15'		no paleo info			
2762	San Luis Obispo	Caliente Mountain	23975	1	Cuyama Valley	189-H			rich fauna	Luisian		
2763	San Luis Obispo	Caliente Mountain	23975	3	Cuyama Valley	189-H			rich fauna	Luisian		
2764	San Luis Obispo	Caliente Mountain?	2863		not found	94-J	Caliente Mtn15'		no paleo info	Papp & S		
2765	San Luis Obispo	California Valley	394	A	SE part of quad	94-I	Slide says Caliente	La Panza 15'	no paleo info	Paap & S		
2766	San Luis Obispo	California Valley	394	B	SE part of quad	94-I	Range but locality	La Panza 15'	no paleo info	Paap & S		
2767	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		
2768	San Luis Obispo	California Valley	394	D	SE part of quad	94-I	indication that	La Panza 15'	no paleo info	Paap & S		
2769	San Luis Obispo	California Valley	394	E	SE part of quad	94-I	multiple samples	La Panza 15'	no paleo info	Paap & S		
2770	San Luis Obispo	California Valley	394	F	SE part of quad	94-I	were taken.	La Panza 15'	no paleo info	Paap & S		
2771	San Luis Obispo	California Valley	394	T	SE part of quad	94-I		La Panza 15'	no paleo info	Paap & S		
2772	San Luis Obispo	California Valley	394	K	SE part of quad	94-I		La Panza 15'	no paleo info	Paap & S		
2773	San Luis Obispo	California Valley	394	L	SE part of quad	94-I		La Panza 15'	no paleo info	Paap & S		
2774	San Luis Obispo	California Valley	394	M	SE part of quad	94-I		La Panza 15'	no paleo info	Paap & S		
2775	San Luis Obispo	California Valley	394	N	SE part of quad	94-I		La Panza 15'	no paleo info	Paap & S		
2776	San Luis Obispo	California Valley	394	O	SE part of quad	94-I		La Panza 15'	no paleo info	Paap & S		
2777	San Luis Obispo	California Valley	394	P	SE part of quad	94-I		La Panza 15'	no paleo info	Paap & S		
2778	San Luis Obispo	California Valley	1768		SE of Freeborn Mt	70-L	La Panza 15'	age from mold	no paleo info	Kriz		
2779	San Luis Obispo	California Valley	2781		Buckhorn Canyon	94-I	La Panza 15'		no paleo info	Papp & S		
2780	San Luis Obispo	California Valley	2786		Piletas Canyon	94-I	La Panza 15'		no paleo info	Papp & S		
2781	San Luis Obispo	California Valley	7523		San Juan Creek	157-L	La Panza 15'	planktics freq	Middle Miocene	Lautensc.		
2782	San Luis Obispo	California Valley	21055		SE corner quad	189-B	La Panza 15'		not diagnostic			
2783	San Luis Obispo	California Valley	21056		SE corner quad	189-B	La Panza 15'		not diagnostic			
2784	San Luis Obispo	California Valley	21057		SE corner quad	189-B	La Panza 15'		Luisian			
2785	San Luis Obispo	California Valley	21058		SE corner quad	189-B	La Panza 15'		not diagnostic			
2786	San Luis Obispo	California Valley	21061		Freeborn Mtn	189-B	La Panza 15'		not diagnostic			
2787	San Luis Obispo	California Valley	23543		Anderson Canyon	175-F	La Panza 15'		Luisian	Elliott		
2788	San Luis Obispo	California Valley	23544	1	San Juan Creek	175-F	La Panza 15'		Relizian	Elliott		
2789	San Luis Obispo	California Valley	23547	8	Anderson Canyon	175-F	La Panza 15'		Miocene	Elliott		
2790	San Luis Obispo	California Valley	23547	9	Anderson Canyon	175-F	La Panza 15'		Miocene	Elliott		
2791	San Luis Obispo	California Valley	23547	12	Anderson Canyon	175-F	La Panza 15'		Miocene	Elliott		
2792	San Luis Obispo	California Valley	23547	13	Anderson Canyon	175-F	La Panza 15'		not diagnostic	Elliott		
2793	San Luis Obispo	California Valley	23547	14	Anderson Canyon	175-F	La Panza 15'		not diagnostic	Elliott		
2794	San Luis Obispo	California Valley	23547	17	Anderson Canyon	175-F	La Panza 15'		not diagnostic	Elliott		
2795	San Luis Obispo	California Valley	23547	18	Anderson Canyon	175-F	La Panza 15'		Middle Miocene	Elliott		
2796	San Luis Obispo	California Valley	23547	20	Anderson Canyon	175-F	La Panza 15'		poss Relizian	Elliott		
2797	San Luis Obispo	California Valley	23547	22	Anderson Canyon	175-F	La Panza 15'		poss Relizian	Elliott		
2798	San Luis Obispo	California Valley	23560		E of Freeborn Mtn	175-F	La Panza 15'		not diagnostic	Elliott		
2799	San Luis Obispo	California Valley	23561	A	E of Freeborn Mtn	175-F	La Panza 15'	has new speci	prob L Miocene	Elliott		
2800	San Luis Obispo	California Valley	23562		E of Freeborn Mtn	175-F	La Panza 15'		not diagnostic	Elliott		
2801	San Luis Obispo	California Valley	23563		E of Freeborn Mtn	175-F	La Panza 15'		Lower Miocene	Elliott		
2802	San Luis Obispo	California Valley	23569		SW of Freeborn Mt	175-F	La Panza 15'	abun planktics	Luisian	Elliott		
2803	San Luis Obispo	California Valley	23570		E of Freeborn Mtn	175-F	La Panza 15'		Saucesian	Elliott		
2804	San Luis Obispo	California Valley	23573		S of Freeborn Mtn	175-F	La Panza 15'		Saucesian	Elliott		
2805	San Luis Obispo	California Valley	23761		N of Hubbard Hill	175-G	La Panza 15'		Saucesian/Relizian	Elliott		
2806	San Luis Obispo	California Valley	23762		N of Hubbard Hill	175-G	La Panza 15'		not diagnostic	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		ONE/SERIES/AG	COLLECTORS		
2807	San Luis Obispo	California Valley	23763	1	N of Hubbard Hill	175-G	La Panza 15'			Saucesian	Elliott	
2808	San Luis Obispo	California Valley?	2782		not found	94-I	La Panza 15'			no paleo info	Papp &	
2809	Ventura	Camarillo	285	60	Broome Ranch	25-C				Middle Miocene		
2810	Ventura	Camarillo	285	64	Broome Ranch	25-C				Middle Miocene		
2811	San Luis Obispo	Camatta Canyon	8981		NE corner of quad	96-G	Shandon 15'			Pliocene?	Ayres	
2812	San Luis Obispo	Camatta Canyon	8986	A	NE corner of quad	102-G	Shandon 15'	Elphidium etc		Pliocene?	Ayres	
2813	San Luis Obispo	Camatta Canyon	8986	B	NE corner of quad	102-G	Shandon 15'			Pliocene?	Ayres	
2814	San Luis Obispo	Camatta Ranch	1531		EC part of quad	68-I	Pozo 15'			Middle Miocene	Reed & McM	
2815	San Luis Obispo	Camatta Ranch	1532		EC part of quad	68-I	Pozo 15'			Middle Miocene	Reed & McM	
2816	San Luis Obispo	Camatta Ranch	7270		Cammatti Road	86-M	Pozo 15'			Luisian	Kraetsch	
2817	San Luis Obispo	Camatta Ranch	7271		Cammatti Road	86-M	Pozo 15'			poss U Miocene	Kraetsch	
2818	San Luis Obispo	Camatta Ranch	7272		Cammatti Road	86-M	Pozo 15'			not diagnostic	Kraetsch	
2819	San Luis Obispo	Camatta Ranch	7273		Cammatti Road	86-M	Pozo 15'			Luisian	Kraetsch	
2820	San Luis Obispo	Camatta Ranch	7290		S of BM 1907	138-N	Pozo 15'			poss L Relizian	Kraetsch	
2821	San Luis Obispo	Camatta Ranch	7298		Shell Creek	138-N	Pozo 15'			not diagnostic	Kraetsch	
2822	San Luis Obispo	Camatta Ranch	23316		Cammatti Ranch	180-A	Pozo 15'			not diagnostic	Elliott	
2823	San Luis Obispo	Cambria	2034		Green Valley Road	69-F				Upper Miocene?	Newbill	
2824	San Luis Obispo	Cambria	7086		SE Cambria	99-L				no paleo info		
2825	San Luis Obispo	Cambria	30971	2	Along the coast	99-H				Upper Cretaceous		
2826	San Luis Obispo	Cambria	30972	1	Along the coast	99-H		pollen date		poss U Cretaceous		
2827	San Luis Obispo	Cambria	30973	1	Along the coast	99-H				not diagnostic		
2828	San Luis Obispo	Cambria	30974	2	Along the coast	99-H		pollen date		Upper Cretaceous		
2829	Orange	Canada Gobernadora	1335		S Juan Capistrano	24-A				no paleo info		
2830	Orange	Canada Gobernadora	5628		W of Can. Chiquita	19-D				Mohnian		
2831	Orange	Canada Gobernadora	5630		W of Can. Chiquita	19-D		nice fauna		Mohnian		
2832	Orange	Canada Gobernadora	5631		W of Can. Chiquita	19-D				Mohnian		
2833	Humboldt	Cannibal Island	4998		Table Bluff lighthos	10-L	Ferndale 15'			not diagnostic	Wright	
2834	Humboldt	Cannibal Island	22141	1	Table Bluff Light	114-B	Ferndale 15'			no paleo info	Silcox	
2835	Humboldt	Cannibal Island	22141	2	Table Bluff Light	114-B	Ferndale 15'			no paleo info	Silcox	
2836	Humboldt	Cannibal Island	22385	1	Table Bluff Light	240-C	Ferndale 15'			Pliocene		
2837	Humboldt	Cannibal Island	22385	2	Table Bluff Light	240-C	Ferndale 15'			Pliocene		
2838	Humboldt	Cannibal Island	22385	3	Table Bluff Light	240-C	Ferndale 15'			Pliocene		
2839	Los Angeles	Canoga Park	193	I-1	SW corner of quad	56-N		age on slide		Mohnian		
2840	Los Angeles	Canoga Park	193	I-2	SW corner of quad	56-N		age on slide		Mohnian		
2841	Los Angeles	Canoga Park	193	I-3	SW corner of quad	56-N		age on slide		Mohnian		
2842	Los Angeles	Canoga Park	193	I-4	SW corner of quad	56-N		age on slide		Mohnian		
2843	Los Angeles	Canoga Park	223	19	Chalk Hills	48-I				Miocene		
2844	Los Angeles	Canoga Park	223	66	Chalk Hills	59-A				Miocene		
2845	Los Angeles	Canoga Park	223	72	Chalk Hills	59-A				Miocene		
2846	Los Angeles	Canoga Park	223	115	Chalk Hills	60-J				Miocene?		
2847	Los Angeles	Canoga Park	330	12	Topanga Canyon	45-N				Mohnian		
2848	Los Angeles	Canoga Park	330	13	Topanga Canyon	45-N				Mohnian		
2849	Los Angeles	Canoga Park	330	16	Topanga Canyon	45-N				Mohnian		
2850	Los Angeles	Canoga Park	330	17	Topanga Canyon	45-N				Mohnian		
2851	Los Angeles	Canoga Park	330	18	Topanga Canyon	45-N				not diagnostic		
2852	Los Angeles	Canoga Park	364	7	N of Woodland Hill	48-I				no paleo data		
2853	Los Angeles	Canoga Park	364	8B	N of Woodland Hill	48-I				no paleo data		
2854	Los Angeles	Canoga Park	443	2	Encino	59-M	for strat column			Lower Mohnian		
2855	Los Angeles	Canoga Park	443	3	Encino	59-M	see loc 337			Lower Mohnian		
2856	Los Angeles	Canoga Park	443	4A	Encino	59-M				Lower Mohnian		
2857	Los Angeles	Canoga Park	443	10	Encino	59-M				Lower Mohnian		
2858	Los Angeles	Canoga Park	443	11B	Encino	59-M				Lower Mohnian		
2859	Los Angeles	Canoga Park	443	12	Encino	59-M				Lower Mohnian		
2860	Los Angeles	Canoga Park	443	12A	Encino	59-M				Lower Mohnian		
2861	Los Angeles	Canoga Park	443	13	Encino	59-M				Lower Mohnian		
2862	Los Angeles	Canoga Park	443	13A	Encino	59-M				Lower Mohnian		
2863	Los Angeles	Canoga Park	443	14A	Encino	59-M				Lower Mohnian		
2864	Los Angeles	Canoga Park	443	20	Encino	59-M				Middle Mohnian		
2865	Los Angeles	Canoga Park	443	21	Encino	59-M				Middle Mohnian		
2866	Los Angeles	Canoga Park	443	19A	Encino	59-M				Middle Mohnian		
2867	Los Angeles	Canoga Park	443	22	Encino	59-M				Middle Mohnian		
2868	Los Angeles	Canoga Park	443	23	Encino	59-M				Middle Mohnian		
2869	Los Angeles	Canoga Park	443	24	Encino	59-M				Middle Mohnian		
2870	Los Angeles	Canoga Park	443	25	Encino	59-M				Middle Mohnian		
2871	Los Angeles	Canoga Park	443	26	Encino	59-M				Middle Mohnian		
2872	Los Angeles	Canoga Park	443	27	Encino	59-M				Middle Mohnian		
2873	Los Angeles	Canoga Park	443	28	Encino	59-M				Middle Mohnian		
2874	Los Angeles	Canoga Park	443	29	Encino	59-M				Middle Mohnian		
2875	Los Angeles	Canoga Park	443	30	Encino	59-M				Middle Mohnian		
2876	Los Angeles	Canoga Park	443	31	Encino	59-M				Middle Mohnian		
2877	Los Angeles	Canoga Park	443	32	Encino	59-M				Middle Mohnian		
2878	Los Angeles	Canoga Park	443	32A	Encino	59-M				Middle Mohnian		
2879	Los Angeles	Canoga Park	443	33	Encino	59-M				Upper Mohnian		
2880	Los Angeles	Canoga Park	443	35	Encino	59-M				Upper Mohnian		
2881	Los Angeles	Canoga Park	443	35B	Encino	59-M				Upper Mohnian		
2882	Los Angeles	Canoga Park	443	36	Encino	59-M				Upper Mohnian		
2883	Los Angeles	Canoga Park	443	37	Encino	59-M				Upper Mohnian		
2884	Los Angeles	Canoga Park	443	37A	Encino	59-M				Upper Mohnian		
2885	Los Angeles	Canoga Park	443	38	Encino	59-M				Upper Mohnian		
2886	Los Angeles	Canoga Park	443	39	Encino	59-M				Upper Mohnian		
2887	Los Angeles	Canoga Park	443	40	Encino	59-M				Upper Mohnian		
2888	Los Angeles	Canoga Park	443	42	Encino	59-M				Upper Mohnian		
2889	Los Angeles	Canoga Park	443	43	Encino	59-M				Upper Mohnian		
2890	Los Angeles	Canoga Park	443	44	Encino	59-M				Upper Mohnian		
2891	Los Angeles	Canoga Park	443	45	Encino	59-M				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	MISC	ZONE/SERIES/AGI	COLLECTORS		
2892	Los Angeles	Canoga Park	451	1	Topanga Cyn Road	59-J	Near Mohn Spring	type?	Lower Mohnian			
2893	Los Angeles	Canoga Park	451	2	Topanga Cyn Road	59-J		type?	Lower Mohnian			
2894	Los Angeles	Canoga Park	451	3	Topanga Cyn Road	59-J		type?	Lower Mohnian			
2895	Los Angeles	Canoga Park	451	4	Topanga Cyn Road	59-J		type?	Lower Mohnian			
2896	Los Angeles	Canoga Park	451	5	Topanga Cyn Road	59-J		type?	Lower Mohnian			
2897	Los Angeles	Canoga Park	451	6	Topanga Cyn Road	59-J		type?	Lower Mohnian			
2898	Los Angeles	Canoga Park	451	7	Topanga Cyn Road	59-J		type?	Lower Mohnian			
2899	Los Angeles	Canoga Park	451	8	Topanga Cyn Road	59-J		type?	Lower Mohnian			
2900	Los Angeles	Canoga Park	452	1	Topanga Cyn Road	59-J		type?	Upper Mohnian			
2901	Los Angeles	Canoga Park	452	2	Topanga Cyn Road	59-J		type?	Upper Mohnian			
2902	Los Angeles	Canoga Park	452	3	Topanga Cyn Road	59-J		type?	Upper Mohnian			
2903	Los Angeles	Canoga Park	452	4	Topanga Cyn Road	59-J		type?	Upper Mohnian			
2904	Los Angeles	Canoga Park	452	5	Topanga Cyn Road	59-J		type?	Upper Mohnian			
2905	Los Angeles	Canoga Park	452	6	Topanga Cyn Road	59-J		type?	Upper Mohnian			
2906	Los Angeles	Canoga Park	452	7	Topanga Cyn Road	59-J		type?	Upper Mohnian			
2907	Los Angeles	Canoga Park	452	8	Topanga Cyn Road	59-J		type?	Upper Mohnian			
2908	Los Angeles	Canoga Park	468	34	South of Encino	60-I			no paleo info			
2909	Los Angeles	Canoga Park	468	34B	South of Encino	60-I			no paleo info			
2910	Los Angeles	Canoga Park	468	35	South of Encino	60-I			no paleo info			
2911	Los Angeles	Canoga Park	468	3J	South of Encino	60-I			no paleo info			
2912	Los Angeles	Canoga Park	468	12A	South of Encino	60-I			no paleo info			
2913	Los Angeles	Canoga Park	468	18	South of Encino	60-I			no paleo info			
2914	Los Angeles	Canoga Park	480	4	Encino Reservoir	59-K	see loc #337 for		Lower Mohnian			
2915	Los Angeles	Canoga Park	480	4B	Encino Reservoir	59-K	strat column		Lower Mohnian			
2916	Los Angeles	Canoga Park	480	4C	Encino Reservoir	59-K			Lower Mohnian			
2917	Los Angeles	Canoga Park	480	5	Encino Reservoir	59-K			Lower Mohnian			
2918	Los Angeles	Canoga Park	480	6	Encino Reservoir	59-K			Lower Mohnian			
2919	Los Angeles	Canoga Park	480	6A	Encino Reservoir	59-K			Lower Mohnian			
2920	Los Angeles	Canoga Park	480	6C	Encino Reservoir	59-K			Lower Mohnian			
2921	Los Angeles	Canoga Park	480	7	Encino Reservoir	59-K			Lower Mohnian			
2922	Los Angeles	Canoga Park	480	8	Encino Reservoir	59-K			Lower Mohnian			
2923	Los Angeles	Canoga Park	480	9	Encino Reservoir	59-K			Lower Mohnian			
2924	Los Angeles	Canoga Park	480	10	Encino Reservoir	59-K			Lower Mohnian			
2925	Los Angeles	Canoga Park	480	11	Encino Reservoir	59-K			Lower Mohnian			
2926	Los Angeles	Canoga Park	480	12	Encino Reservoir	59-K			Lower Mohnian			
2927	Los Angeles	Canoga Park	480	13	Encino Reservoir	59-K			Lower Mohnian			
2928	Los Angeles	Canoga Park	480	14A	Encino Reservoir	59-K			Lower Mohnian			
2929	Los Angeles	Canoga Park	480	15	Encino Reservoir	59-K			Middle Mohnian			
2930	Los Angeles	Canoga Park	480	16	Encino Reservoir	59-K			Middle Mohnian			
2931	Los Angeles	Canoga Park	480	16A	Encino Reservoir	59-K			Middle Mohnian			
2932	Los Angeles	Canoga Park	480	17	Encino Reservoir	59-K			Middle Mohnian			
2933	Los Angeles	Canoga Park	480	18	Encino Reservoir	59-K			Middle Mohnian			
2934	Los Angeles	Canoga Park	480	19	Encino Reservoir	59-K			Upper Mohnian			
2935	Los Angeles	Canoga Park	480	21	Encino Reservoir	59-K			Upper Mohnian			
2936	Los Angeles	Canoga Park	480	22	Encino Reservoir	59-K			Upper Mohnian			
2937	Los Angeles	Canoga Park	480	23	Encino Reservoir	59-K			Upper Mohnian			
2938	Los Angeles	Canoga Park	480	24	Encino Reservoir	59-K			Upper Mohnian			
2939	Los Angeles	Canoga Park	480	25	Encino Reservoir	59-K			Upper Mohnian			
2940	Los Angeles	Canoga Park	480	26	Encino Reservoir	59-K			Upper Mohnian			
2941	Los Angeles	Canoga Park	480	27	Encino Reservoir	59-K			Upper Mohnian			
2942	Los Angeles	Canoga Park	480	28	Encino Reservoir	59-K			Upper Mohnian			
2943	Los Angeles	Canoga Park	480	29	Encino Reservoir	59-K			Upper Mohnian			
2944	Los Angeles	Canoga Park	480	30	Encino Reservoir	59-K			Upper Mohnian			
2945	Los Angeles	Canoga Park	480	31	Encino Reservoir	59-K			Upper Mohnian			
2946	Los Angeles	Canoga Park	480	49	Encino Reservoir	59-M			Upper Mohnian			
2947	Los Angeles	Canoga Park	6502		Girard Reservoir	56-L		age on fish	Upper Mohnian			
2948	Los Angeles	Canoga Park	8774		Mulholland Drive	78-F			no paleo info			
2949	Los Angeles	Canoga Park	8783		Topanga Canyon	78-F			no paleo info			
2950	Los Angeles	Canoga Park	8794	B	SW of Encino	79-M			Upper Mohnian			
2951	Los Angeles	Canoga Park	8795	4	Encino	79-M			Upper Mohnian			
2952	Los Angeles	Canoga Park	8796	A	Lindley Ave	79-M			Upper Mohnian			
2953	Los Angeles	Canoga Park	8796		Lindley Ave	79-M			Mohnian			
2954	Los Angeles	Canoga Park	8906	2	W of Topanga Cyn	79-M			Upper Mohnian			
2955	Los Angeles	Canoga Park	8906	1	W of Topanga Cyn	79-M			Upper Mohnian			
2956	Los Angeles	Canoga Park	8928	1	Topanga Canyon	79-M			prob U Mohnian			
2957	Los Angeles	Canoga Park	8928	2	Topanga Canyon	79-M			Upper Mohnian			
2958	Los Angeles	Canoga Park	8928	3	Topanga Canyon	79-M			prob U Mohnian			
2959	Los Angeles	Canoga Park	8928	5	Topanga Canyon	79-M			Upper Mohnian			
2960	Los Angeles	Canoga Park	8929	1	SW of BM 1428	79-M			Upper Mohnian			
2961	Los Angeles	Canoga Park	8929	2	SW of BM 1428	79-M			Upper Mohnian			
2962	Los Angeles	Canoga Park	8929	3	SW of BM 1428	79-M			Upper Mohnian			
2963	Los Angeles	Canoga Park	8929	4	SW of BM 1428	79-M			Upper Mohnian			
2964	Los Angeles	Canoga Park	8929	5	SW of BM 1428	79-M			Upper Mohnian			
2965	Los Angeles	Canoga Park	8930	2	SW of BM 1538	79-M			Upper Mohnian			
2966	Los Angeles	Canoga Park	8930	1	SW of BM 1538	79-M			Upper Mohnian			
2967	Los Angeles	Canoga Park	8934		SFV Country Club	79-M			Lower Miocene			
2968	Los Angeles	Canoga Park	8939		W of Caballero Ck	79-N			Upper Mohnian			
2969	Los Angeles	Canoga Park	8940		SW of Encino	79-N			Upper Mohnian			
2970	Los Angeles	Canoga Park	8944		Mulholland Drive	79-N			Upper Mohnian			
2971	Los Angeles	Canoga Park	8946		SE Pacific Lodge	79-N			Upper Mohnian			
2972	Los Angeles	Canoga Park	8949		Caballero Creek	79-N			Mohnian			
2973	Los Angeles	Canoga Park	8950		Caballero Creek	79-N			Upper Mohnian			
2974	Los Angeles	Canoga Park	8952		E of Caballero Ck	79-N			Upper Mohnian			
2975	Los Angeles	Canoga Park	8956	3	S of Encino	79-N			prob L Mohnian			
2976	Los Angeles	Canoga Park	8977		Topanga Canyon	79-N			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/AG	COLLECTORS		
2977	Los Angeles	Canoga Park	8978	1	SC part of quad	79-N			Middle Mohnian			
2978	Los Angeles	Canoga Park	8978	2	SC part of quad	79-N			Middle Mohnian			
2979	Los Angeles	Canoga Park	8978	3	SC part of quad	79-N			Middle Mohnian			
2980	Los Angeles	Canoga Park	8978	4	SC part of quad	79-N			Middle Mohnian			
2981	Los Angeles	Canoga Park	8986	4	Woodland Hills	79-N			Mohnian			
2982	Los Angeles	Canoga Park	8989	1	SW corner quad	79-N			Middle Mohnian			
2983	Los Angeles	Canoga Park	8989	3	SW corner quad	79-N			Middle Mohnian			
2984	Los Angeles	Canoga Park	8989	4	SW corner quad	79-N			Middle Mohnian			
2985	Los Angeles	Canoga Park	8989	5	SW corner quad	79-N	sa Calabasas		Middle Mohnian			
2986	Los Angeles	Canoga Park	9053	1	Caballero Creek	79-N	San Fernando Vly		Mohnian			
2987	Los Angeles	Canoga Park	9053	2	Caballero Creek	79-N	San Fernando Vly		Upper Mohnian			
2988	Los Angeles	Canoga Park	9060		Encino Reservoir	79-N			Paleocene/Eocene			
2989	Humboldt	Cape Mendocino	5001		Bear River mouth	10-L	C. Mendocino 15'		Lower Pliocene	Wright		
2990	Humboldt	Cape Mendocino	5002		Bear River mouth	10-L	C. Mendocino 15'		Upper Miocene	Wright		
2991	Humboldt	Cape Mendocino	5003		Bear River mouth	10-L	C. Mendocino 15'		?Upper Lulsian	Wright		
2992	Humboldt	Cape Mendocino	5004		Bear River mouth	10-L	C. Mendocino 15'	not on map	Lower Pliocene	Wright		
2993	Humboldt	Cape Mendocino	5005		Bear River mouth	10-L	C. Mendocino 15'		Miocene/Pliocene	Wright		
2994	Humboldt	Cape Mendocino	22372	1	W of Capetown	239-G	Cp Mendocino 15'	diatom age	Upper Miocene			
2995	Humboldt	Cape Mendocino	22372	2	W of Capetown	239-G	Cp Mendocino 15'	diatom age	Upper Miocene			
2996	Humboldt	Cape Mendocino	22372	3	W of Capetown	239-G	Cp Mendocino 15'		Middle Miocene			
2997	Humboldt	Cape Mendocino	22372	4	W of Capetown	239-G	Cp Mendocino 15'		Middle Miocene			
2998	Humboldt	Cape Mendocino	22372	5	W of Capetown	239-G	Cp Mendocino 15'		Middle Miocene			
2999	Humboldt	Cape Mendocino	22372	6	W of Capetown	239-G	Cp Mendocino 15'		M or U Miocene			
3000	Humboldt	Cape Mendocino	22372	7	W of Capetown	239-G	Cp Mendocino 15'		poss Delmontian			
3001	Humboldt	Cape Mendocino	22372	9	W of Capetown	239-G	Cp Mendocino 15'		poss Delmontian			
3002	Humboldt	Cape Mendocino	22372	10	W of Capetown	239-G	Cp Mendocino 15'		poss Delmontian			
3003	Humboldt	Cape Mendocino	22372	11	W of Capetown	239-G	Cp Mendocino 15'		poss Delmontian			
3004	Humboldt	Cape Mendocino	22372	12	W of Capetown	239-G	Cp Mendocino 15'		poss Delmontian			
3005	Humboldt	Cape Mendocino	22372	13	W of Capetown	239-G	Cp Mendocino 15'	diatom age	Upper Miocene			
3006	Humboldt	Cape Mendocino	22372	14	W of Capetown	239-G	Cp Mendocino 15'	diatom age	Upper Miocene			
3007	Humboldt	Cape Mendocino	22372	15	W of Capetown	239-G	Cp Mendocino 15'	diatom age	Upper Miocene			
3008	Humboldt	Cape Mendocino	22372	16	W of Capetown	239-G	Cp Mendocino 15'		not diagnostic			
3009	Humboldt	Cape Mendocino	22372	17	W of Capetown	239-G	Cp Mendocino 15'		not diagnostic			
3010	Humboldt	Cape Mendocino	22376	1	North Bear River	240-A	Cp Mendocino 15'	nice faunas	Pseudosauesian			
3011	Humboldt	Cape Mendocino	22376	2	North Bear River	240-A	Cp Mendocino 15'	Have check	Pseudosauesian			
3012	Humboldt	Cape Mendocino	22376	3	North Bear River	240-A	Cp Mendocino 15'	list with ages	Pseudosauesian			
3013	Humboldt	Cape Mendocino	22376	4	North Bear River	240-A	Cp Mendocino 15'	and paleo	Pseudosauesian			
3014	Humboldt	Cape Mendocino	22376	5	North Bear River	240-A	Cp Mendocino 15'	report.	Pseudosauesian			
3015	Humboldt	Cape Mendocino	22376	6	North Bear River	240-A	Cp Mendocino 15'		Pseudosauesian			
3016	Humboldt	Cape Mendocino	22376	7	North Bear River	240-A	Cp Mendocino 15'		Pseudosauesian			
3017	Humboldt	Cape Mendocino	22376	8	North Bear River	240-A	Cp Mendocino 15'		Pseudosauesian			
3018	Humboldt	Cape Mendocino	22376	9	North Bear River	240-A	Cp Mendocino 15'		barren			
3019	Humboldt	Cape Mendocino	22376	12	North Bear River	240-A	Cp Mendocino 15'		not diagnostic			
3020	Humboldt	Cape Mendocino	22376	13	North Bear River	240-A	Cp Mendocino 15'		not diagnostic			
3021	Humboldt	Cape Mendocino	22376	14	North Bear River	240-A	Cp Mendocino 15'		Upper Miocene			
3022	Humboldt	Cape Mendocino	22376	15	North Bear River	240-A	Cp Mendocino 15'		not diagnostic			
3023	Humboldt	Cape Mendocino	22376	16	North Bear River	240-A	Cp Mendocino 15'		Upper Miocene			
3024	Humboldt	Cape Mendocino	22376	17	North Bear River	240-A	Cp Mendocino 15'		Upper Miocene			
3025	Humboldt	Cape Mendocino	22376	18	North Bear River	240-A	Cp Mendocino 15'		Upper Miocene			
3026	Humboldt	Cape Mendocino	22376	19	North Bear River	240-A	Cp Mendocino 15'		Upper Miocene			
3027	Humboldt	Cape Mendocino	22376	20	North Bear River	240-A	Cp Mendocino 15'		Miocene/Pliocene			
3028	Humboldt	Cape Mendocino	22376	21	North Bear River	240-A	Cp Mendocino 15'		Miocene/Pliocene			
3029	Humboldt	Cape Mendocino	22376	22	North Bear River	240-A	Cp Mendocino 15'		not diagnostic			
3030	Humboldt	Cape Mendocino	22376	23	North Bear River	240-A	Cp Mendocino 15'		Miocene/Pliocene			
3031	Humboldt	Cape Mendocino	22376	24	North Bear River	240-A	Cp Mendocino 15'		Miocene/Pliocene			
3032	Humboldt	Cape Mendocino	22376	25	North Bear River	240-A	Cp Mendocino 15'		not diagnostic			
3033	Humboldt	Cape Mendocino	22376	26	North Bear River	240-A	Cp Mendocino 15'		Miocene/Pliocene			
3034	Humboldt	Cape Mendocino	22376	27	North Bear River	240-A	Cp Mendocino 15'		Delmontian			
3035	Humboldt	Cape Mendocino	22376	28	North Bear River	240-A	Cp Mendocino 15'		Delmontian			
3036	Humboldt	Cape Mendocino	22376	29	North Bear River	240-A	Cp Mendocino 15'		Delmontian			
3037	Humboldt	Cape Mendocino	22376	30	North Bear River	240-A	Cp Mendocino 15'		Delmontian			
3038	Humboldt	Cape Mendocino	22376	31	North Bear River	240-A	Cp Mendocino 15'		Delmontian			
3039	Humboldt	Cape Mendocino	22376	32	North Bear River	240-A	Cp Mendocino 15'		Delmontian			
3040	Humboldt	Cape Mendocino	22376	33	North Bear River	240-A	Cp Mendocino 15'		Delmontian			
3041	Humboldt	Cape Mendocino	22376	34	North Bear River	240-B	Cp Mendocino 15'		Delmontian			
3042	Humboldt	Cape Mendocino	22376	35	North Bear River	240-B	Cp Mendocino 15'		not diagnostic			
3043	Humboldt	Cape Mendocino	22376	36	North Bear River	240-B	Cp Mendocino 15'		not diagnostic			
3044	Humboldt	Cape Mendocino	22376	1	North Bear River	94-N	Cp Mendocino 15'	planktics	Pseudosauesian			
3045	Humboldt	Cape Mendocino	22376	2	North Bear River	94-N	Cp Mendocino 15'	planktics	Pseudosauesian			
3046	Humboldt	Cape Mendocino	22376	3	North Bear River	94-N	Cp Mendocino 15'	planktics	Pseudosauesian			
3047	Humboldt	Cape Mendocino	22376	14	North Bear River	94-N	Cp Mendocino 15'	planktics	Upper Miocene			
3048	Humboldt	Cape Mendocino	22376	31	North Bear River	94-N	Cp Mendocino 15'	planktics	Delmontian			
3049	Humboldt	Cape Mendocino	22376	32	North Bear River	94-N	Cp Mendocino 15'	planktics	Delmontian			
3050	Humboldt	Cape Mendocino	22691	1	NW of Capetown	244-C	Cp Mendocino 15'		Delmontian			
3051	Humboldt	Cape Mendocino	22691	2	NW of Capetown	244-C	Cp Mendocino 15'		not diagnostic			
3052	Humboldt	Cape Mendocino	22691	3	NW of Capetown	244-C	Cp Mendocino 15'		not diagnostic			
3053	Humboldt	Cape Mendocino	22691	4	NW of Capetown	244-C	Cp Mendocino 15'		not diagnostic			
3054	Humboldt	Cape Mendocino	22691	5	NW of Capetown	244-C	Cp Mendocino 15'		not diagnostic			
3055	Humboldt	Cape Mendocino	22691	8	NW of Capetown	244-C	Cp Mendocino 15'		Pseudosauesian			
3056	Humboldt	Cape Mendocino	22691	11	NW of Capetown	244-C	Cp Mendocino 15'		Pseudosauesian			
3057	Humboldt	Cape Mendocino	22691	12	NW of Capetown	244-C	Cp Mendocino 15'		Pseudosauesian			
3058	Humboldt	Cape Mendocino	22692	1	NW of Capetown	244-C	Cp Mendocino 15'	Have strat	Miocene/Pliocene			
3059	Humboldt	Cape Mendocino	22692	2	NW of Capetown	244-C	Cp Mendocino 15'	column and	Miocene/Pliocene			
3060	Humboldt	Cape Mendocino	22692	3	NW of Capetown	244-C	Cp Mendocino 15'	check list	Delmontian			
3061	Humboldt	Cape Mendocino	22692	4	NW of Capetown	244-C	Cp Mendocino 15'		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		
3062	Humboldt	Cape Mendocino	22692	5	NW of Capetown	244-C	Cp Mendocino 15'		Delmontian			
3063	Humboldt	Cape Mendocino	22692	7	NW of Capetown	244-C	Cp Mendocino 15'		Delmontian			
3064	Humboldt	Cape Mendocino	22692	8	NW of Capetown	244-C	Cp Mendocino 15'		Delmontian			
3065	Humboldt	Cape Mendocino	22692	10	NW of Capetown	244-C	Cp Mendocino 15'	Pseudosauc.	Pseudosaucian			
3066	Napa	Capell Valley	3821	B	Suisun Creek	152-A	Mt Vaca 15'		not diagnostic	Vaughn		
3067	Napa	Capell Valley	21656		Capell Creek	228-K			Cretaceous	Beck		
3068	Napa	Capell Valley	21657		Capell Creek	228-K			Cretaceous	Beck		
3069	Napa	Capell Valley	21658		Capell Creek	228-K			older than UK H z	Beck		
3070	Napa	Capell Valley	21659		Capell Creek	228-K			U or L Cretaceous	Beck		
3071	Napa	Capell Valley	21660		Capell Creek	228-L			Lower Cret J-1	Beck		
3072	Napa	Capell Valley	28629		Markley Canyon	25-B			no paleo info	Polugar		
3073	Humboldt	Capetown	11611	1	N of Petrolia	50-J	Cp Mendocino 15'		poss Pliocene	Lyons		
3074	Humboldt	Capetown	11611	2	N of Petrolia	50-J	Cp Mendocino 15'		poss Pliocene	Lyons		
3075	Humboldt	Capetown	11612	1A	Davis Creek	50-J	Cp Mendocino 15'		Miocene/Pliocene	Lyons		
3076	Humboldt	Capetown	11612	1B	Davis Creek	50-J	Cp Mendocino 15'		not diagnostic	Lyons		
3077	Humboldt	Capetown	11612	2	Davis Creek	50-J	Cp Mendocino 15'		not diagnostic	Lyons		
3078	Humboldt	Capetown	22377	1	Upper Bear River	239-N	Cp Mendocino 15'	Cape Mendoc	Pseudosaucian			
3079	Humboldt	Capetown	22377	2	Upper Bear River	239-N	Cp Mendocino 15'	Not on Fortuna	Delmontian			
3080	Humboldt	Capetown	22693	2	Bear River	244-C	Cp Mendocino 15'	is apparently a	Pseudosaucian			
3081	Humboldt	Capetown	22693	3	Bear River	244-C	Cp Mendocino 15'	term for deep	Pseudosaucian			
3082	Humboldt	Capetown	22693	4	Bear River	244-C	Cp Mendocino 15'	water facies of	Pseudosaucian			
3083	Humboldt	Capetown	22694	1	Bear River	244-C	Cp Mendocino 15'	the Saucian	Pseudosaucian			
3084	Humboldt	Capetown	22694	2	Bear River	244-C	Cp Mendocino 15'	and younger	Pseudosaucian			
3085	Humboldt	Capetown	22694	3	Bear River	244-C	Cp Mendocino 15'	stages.	Pseudosaucian			
3086	Humboldt	Capetown	22696	1	Bear River	244-C	Cp Mendocino 15'		Pseudosaucian			
3087	Humboldt	Capetown	22696	2	Bear River	244-C	Cp Mendocino 15'		Pseudosaucian			
3088	Humboldt	Capetown	22696	3	Bear River	244-C	Cp Mendocino 15'		Saucian/Relizian			
3089	Humboldt	Capetown	22696	4	Bear River	244-C	Cp Mendocino 15'		Pseudosaucian			
3090	Humboldt	Capetown	22697	2	Bear River	244-C	Cp Mendocino 15'		Pseudosaucian			
3091	Humboldt	Capetown	22698	1	Bear River	244-C	Cp Mendocino 15'	planktics com	Pseudo or L Mioc			
3092	Humboldt	Capetown	22698	2	Bear River	244-D	Cp Mendocino 15'		Pseudo or L Mioc			
3093	Humboldt	Capetown	22698	4	Bear River	244-D	Cp Mendocino 15'	planktics com	Pseudo or L Mioc			
3094	Humboldt	Capetown	22699	1	Bear River	244-D	Cp Mendocino 15'	planktics com	Pseudo or L Mioc			
3095	Humboldt	Capetown	22700	2	Bear River	244-D	Cp Mendocino 15'		Pseudo or L Mioc			
3096	Humboldt	Capetown	22703	1	Bear River	244-D	Cp Mendocino 15'	planktics com	Pseudo or L Mioc			
3097	Humboldt	Capetown	22703	2	Bear River	244-D	Cp Mendocino 15'	planktics com	Pseudo or L Mioc			
3098	Humboldt	Capetown	22703	3	Bear River	244-D	Cp Mendocino 15'		Pseudo or L Mioc			
3099	Humboldt	Capetown	22705		Walker Ridge	244-D	Cp Mendocino 15'	planktics com	Lower Pliocene			
3100	Humboldt	Capetown	22838	1	Bear River	224-E	Cp Mendocino 15'	good fauna	Saucian/Pseudoch	hole 1		
3101	Humboldt	Capetown	22839	1B	Eel River auger	244-E	Cp Mendocino 15'		Miocene/Pliocene			
3102	Humboldt	Capetown	22839	3	Eel River auger	244-E	Cp Mendocino 15'		Lower Pliocene			
3103	Humboldt	Capetown	22874		Bear River	162-B	Cp Mendocino 15'		Paleocene/Eocene			
3104	Humboldt	Capetown	22874	RW	Bear River	162-B	Cp Mendocino 15'		Paleocene/Eocene			
3105	Monterey	Carmel Valley	440	2	Carmel Valley	56-A			no paleo info			
3106	Monterey	Carmel Valley	440	3	Carmel Valley	56-A			no paleo info			
3107	Monterey	Carmel Valley	4955		Rana Creek	123-F			Upper Miocene			
3108	Monterey	Carmel Valley	4956		Rana Creek	123-F			Upper Miocene			
3109	Monterey	Carmel Valley	4957		Rana Creek	123-F	Fortuna 15'		Upper? Miocene			
3110	Monterey	Carmel Valley	4958		Rana Creek	123-F			Upper Miocene			
3111	Monterey	Carmel Valley	5665		Tularcitos Creek	7-D	Jamesburg 15'		?Lower Mohnian	Starke		
3112	Kern	Carneros Rocks	276	1 slide	Zemorra Creek	F-1	5/29S/20E	picked slide	no paleo info			
3113	Kern	Carneros Rocks	1322		Carneros Creek	55-L			no paleo info	Brooks &		
3114	Kern	Carneros Rocks	1323		Carneros Creek	55-L			no paleo info	Brooks &		
3115	Kern	Carneros Rocks	1324		Carneros Creek	55-L			no paleo info	Brooks &		
3116	Kern	Carneros Rocks	1325		Carneros Creek	55-L			no paleo info	Brooks &		
3117	Kern	Carneros Rocks	1326		Carneros Creek	55-L			no paleo info	Brooks &		
3118	Kern	Carneros Rocks	1327		Carneros Creek	55-L			no paleo info	Brooks &		
3119	Kern	Carneros Rocks	1328		not found	55-L			no paleo info	Brooks &		
3120	Kern	Carneros Rocks	2062		Salt Creek	8-I	Temblor Range		no paleo info	Darke		
3121	Kern	Carneros Rocks	2066		Salt Creek	8-I	Temblor Range		no paleo info	Darke		
3122	Kern	Carneros Rocks	2401		Santos Creek	82-D			no paleo info	Ivanhoe		
3123	Kern	Carneros Rocks	2408		Santos Creek	82-D			Eocene	Ivanhoe		
3124	Kern	Carneros Rocks	2409		Santos Creek	82-D			no paleo info	Ivanhoe		
3125	Kern	Carneros Rocks	2410		Santos Creek	82-D			no paleo info	Ivanhoe		
3126	Kern	Carneros Rocks	2412		Santos Creek	82-E			no paleo info	Ivanhoe		
3127	Kern	Carneros Rocks	2413		Santos Creek	82-E			no paleo info	Ivanhoe		
3128	Kern	Carneros Rocks	2430		Santos Creek	82-E			no paleo info	Ivanhoe		
3129	Kern	Carneros Rocks	2431		Santos Creek	82-E			no paleo info	Ivanhoe		
3130	Kern	Carneros Rocks	2432		Santos Creek	82-E			no paleo info	Ivanhoe		
3131	Kern	Carneros Rocks	2433		Santos Creek	82-E			no paleo info	Ivanhoe		
3132	Kern	Carneros Rocks	2438		Santos Creek	82-E			no paleo info	Ivanhoe		
3133	Kern	Carneros Rocks	2445		Santos Creek	82-E			no paleo info	Ivanhoe		
3134	Kern	Carneros Rocks	2446		Santos Creek	82-E			no paleo info	Ivanhoe		
3135	Kern	Carneros Rocks	2447		Santos Creek	82-E			no paleo info	Ivanhoe		
3136	Kern	Carneros Rocks	2448		Santos Creek	82-E			no paleo info	Ivanhoe		
3137	Kern	Carneros Rocks	2449		Santos Creek	82-E			no paleo info	Ivanhoe		
3138	Kern	Carneros Rocks	2450		Santos Creek	82-E			no paleo info	Ivanhoe		
3139	Kern	Carneros Rocks	2451		Santos Creek	82-E			no paleo info	Ivanhoe		
3140	Kern	Carneros Rocks	2452		Santos Creek	82-E			no paleo info	Ivanhoe		
3141	Kern	Carneros Rocks	2457		Santos Creek	82-E			no paleo info	Ivanhoe		
3142	Kern	Carneros Rocks	7508	1	SC part of quad	3-I	Temblor anticline		no paleo info			
3143	Kern	Carneros Rocks	7508	2	SC part of quad	3-I	Temblor anticline		no paleo info			
3144	Kern	Carneros Rocks	7508	3	SC part of quad	3-I	Temblor anticline		no paleo info			
3145	Kern	Carneros Rocks	7508	4	SC part of quad	3-I	Temblor anticline		no paleo info			
3146	Kern	Carneros Rocks	7509		SC part of quad	3-I	Temblor anticline		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		
3147	Kern	Careros Rocks	9629		Chico Martinez Ck	157-B	not on map		L Saucesian	Hornaday		
3148	Kern	Careros Rocks	11008	5	Zemorra Creek	249-B			no paleo info	RBV-WJE		
3149	Kern	Careros Rocks	11009	1	Chico Martinez Ck	249-B	not on map CMCK		no paleo info	RBV-WJE		
3150	Kern	Careros Rocks	11009	2	Chico Martinez Ck	249-B	not on map CMCK		no paleo info	RBV-WJE		
3151	Kern	Careros Rocks	11009	3	Chico Martinez Ck	249-B	not on map CMCK		no paleo info	RBV-WJE		
3152	Kern	Careros Rocks	11009	4	Chico Martinez Ck	249-B	not on map CMCK		no paleo info	RBV-WJE		
3153	Kern	Careros Rocks	11009	5	Chico Martinez Ck	249-B	not on map CMCK		no paleo info	RBV-WJE		
3154	Kern	Careros Rocks	11009	6	Chico Martinez Ck	249-B	not on map CMCK		no paleo info	RBV-WJE		
3155	Kern	Careros Rocks	11009	7	Chico Martinez Ck	249-B	not on map CMCK		no paleo info	RBV-WJE		
3156	Kern	Careros Rocks	11011	2	Chico Martinez C	249-B	not on map		no paleo info	RBV-WJE		
3157	Kern	Careros Rocks	11012	1	Chico Martinez C	249-B	not on map		no paleo info	RBV-WJE		
3158	Kern	Careros Rocks	11012	2	Chico Martinez C	249-B			no paleo info	RBV-WJE		
3159	Kern	Careros Rocks	11012	3	Chico Martinez C	249-B			no paleo info	RBV-WJE		
3160	Kern	Careros Rocks	11012	4	Chico Martinez C	249-B			no paleo info	RBV-WJE		
3161	Kern	Careros Rocks	11013		Careros Canyon	249-B			no paleo info	RBV-WJE		
3162	Kern	Careros Rocks	11014		Careros Canyon	249-B			no paleo info	RBV-WJE		
3163	Kern	Careros Rocks	11016		Careros Canyon	249-B			no paleo info	RBV-WJE		
3164	Kern	Careros Rocks	11017	1	Caneros canyon	249-B			no paleo info	RBV-WJE		
3165	Kern	Careros Rocks	11017	2	Caneros canyon	249-B			no paleo info	RBV-WJE		
3166	Kern	Careros Rocks	11017	3	Caneros canyon	249-B			no paleo info	RBV-WJE		
3167	Kern	Careros Rocks	11017	4	Caneros canyon	249-B			no paleo info	RBV-WJE		
3168	Kern	Careros Rocks	11017	5	Caneros canyon	249-B			no paleo info	RBV-WJE		
3169	Kern	Careros Rocks	11018	1	Zemorra Ck	249-B			no paleo info	RBV-WJE		
3170	Kern	Careros Rocks	11018	2	Zemorra Ck	249-B			no paleo info	RBV-WJE		
3171	Kern	Careros Rocks	11019		Caneros Ck	249-B			no paleo info	RBV-WJE		
3172	Kern	Careros Rocks	11020	1	Caneros Ck	249-B			no paleo info	RBV-WJE		
3173	Kern	Careros Rocks	11020	2	Caneros Ck	249-B			no paleo info	RBV-WJE		
3174	Kern	Careros Rocks	11021		Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
3175	Kern	Careros Rocks	11022		Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
3176	Kern	Careros Rocks	11023	1	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
3177	Kern	Careros Rocks	11023	2	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
3178	Kern	Careros Rocks	11023	3	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
3179	Kern	Careros Rocks	11023	4	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
3180	Kern	Careros Rocks	11023	5	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
3181	Kern	Careros Rocks	11024	1	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
3182	Kern	Careros Rocks	11024	2	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
3183	Kern	Careros Rocks	11024	3	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
3184	Kern	Careros Rocks	11024	4	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
3185	Kern	Careros Rocks	11025	1	Caneros anticline	249-C	not on map		no paleo info			
3186	Kern	Careros Rocks	11025	2	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
3187	Kern	Careros Rocks	11025	3	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
3188	Kern	Careros Rocks	11025	4	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
3189	Kern	Careros Rocks	11025	5	Caneros anticline	249-C	not on map		no paleo info	RBV-WJE		
3190	Kern	Careros Rocks	11026	1	SE part of quad	249-C			no paleo info	RBV-WJE		
3191	Kern	Careros Rocks	11026	2	SE part of quad	249-C			no paleo info	RBV-WJE		
3192	Kern	Careros Rocks	11026	3	SE part of quad	249-C			no paleo info	RBV-WJE		
3193	Kern	Careros Rocks	11026	4	SE part of quad	249-C			no paleo info	RBV-WJE		
3194	Kern	Careros Rocks	11026	5	SE part of quad	249-C			no paleo info	RBV-WJE		
3195	Kern	Careros Rocks	11027	1	SE part of quad	249-C			no paleo info	RBV-WJE		
3196	Kern	Careros Rocks	11027	2	SE part of quad	249-C			no paleo info	RBV-WJE		
3197	Kern	Careros Rocks	11027	3	SE part of quad	249-C			no paleo info	RBV-WJE		
3198	Kern	Careros Rocks	11027	4	SE part of quad	249-C			no paleo info	RBV-WJE		
3199	Kern	Careros Rocks	11027	5	SE part of quad	249-C			no paleo info	RBV-WJE		
3200	Kern	Careros Rocks	11027	6	SE part of quad	249-C			no paleo info	RBV-WJE		
3201	Kern	Careros Rocks	11027	7	SE part of quad	249-C			no paleo info	RBV-WJE		
3202	Kern	Careros Rocks	11027	8	SE part of quad	249-C			no paleo info	RBV-WJE		
3203	Kern	Careros Rocks	11027	9	SE part of quad	249-C			no paleo info	RBV-WJE		
3204	Kern	Careros Rocks	11027	10	SE part of quad	249-C			no paleo info	RBV-WJE		
3205	Kern	Careros Rocks	11028	1	SE part of quad	249-C	not on map		no paleo info	RBV-WJE		
3206	Kern	Careros Rocks	11029	1	Temblor Valley	249-C	not on map		no paleo info	RBV-WJE		
3207	Kern	Careros Rocks	11030	1	NR part of quad?	249-C	not on map		no paleo info	RBV-WJE		
3208	Kern	Careros Rocks	11030	2	NR part of quad?	249-C	not on map		no paleo info	RBV-WJE		
3209	Kern	Careros Rocks	11030	3	NR part of quad?	249-C	not on map		no paleo info	RBV-WJE		
3210	Kern	Careros Rocks	11030	4	NR part of quad?	249-C	not on map		no paleo info	RBV-WJE		
3211	Kern	Careros Rocks	11030	5	NR part of quad?	249-C	not on map		no paleo info	RBV-WJE		
3212	Kern	Careros Rocks	11030	6	NR part of quad?	249-C	not on map		no paleo info	RBV-WJE		
3213	Kern	Careros Rocks	11030	7	NR part of quad?	249-C	not on map		no paleo info	RBV-WJE		
3214	Kern	Careros Rocks	11031	1	Santos Creek	249-C			no paleo info	RBV-WJE		
3215	Kern	Careros Rocks	11032	1	Santos Creek	249-C			no paleo info	RBV-WJE		
3216	Kern	Careros Rocks	11033	1	NE part of quad	249-C			no paleo info	RBV-WJE		
3217	Kern	Careros Rocks	11039	1	Careros Canyon	249-C			no paleo info	RBV-WJE		
3218	Kern	Careros Rocks	11039	2	Careros Canyon	249-C			no paleo info	RBV-WJE		
3219	Kern	Careros Rocks	11600	1	Zemorra Creek	179-B	Ages from strat	trench	Saucesian	Christen.		
3220	Kern	Careros Rocks	11600	3	Zemorra Creek	179-B	column	trench	Saucesian	Christen.		
3221	Kern	Careros Rocks	11600	4	Zemorra Creek	179-B		trench	Saucesian	Christen.		
3222	Kern	Careros Rocks	11600	5	Zemorra Creek	179-B		trench	Saucesian	Christen.		
3223	Kern	Careros Rocks	11600	6	Zemorra Creek	179-B		trench	Saucesian	Christen.		
3224	Kern	Careros Rocks	11600	7	Zemorra Creek	179-B		trench	Saucesian	Christen.		
3225	Kern	Careros Rocks	11600	8	Zemorra Creek	179-B		trench	Saucesian	Christen.		
3226	Kern	Careros Rocks	11600	9	Zemorra Creek	179-B		trench	Saucesian	Christen.		
3227	Kern	Careros Rocks	11600	11	Zemorra Creek	179-B		trench	Saucesian	Christen.		
3228	Kern	Careros Rocks	11600	13	Zemorra Creek	179-B		trench	Saucesian	Christen.		
3229	Kern	Careros Rocks	11600	15	Zemorra Creek	179-B		trench	Saucesian	Christen.		
3230	Kern	Careros Rocks	11600	17	Zemorra Creek	179-B		trench	Saucesian	Christen.		
3231	Kern	Careros Rocks	11600	19	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		
3232	Kern	Careros Rocks	11600	20	Zemorra Creek	179-B		trench	Saucesian	Christen.		
3233	Kern	Careros Rocks	11600	21	Zemorra Creek	179-B		trench	Zemorrian	Christen.		
3234	Kern	Careros Rocks	11600	22	Zemorra Creek	179-B		trench	Zemorrian	Christen.		
3235	Kern	Careros Rocks	11600	23	Zemorra Creek	179-B		trench	Zemorrian	Christen.		
3236	Kern	Careros Rocks	11600	24	Zemorra Creek	179-B		trench	Zemorrian	Christen.		
3237	Kern	Careros Rocks	11600	25	Zemorra Creek	179-B		trench	Zemorrian	Christen.		
3238	Kern	Careros Rocks	11600	26	Zemorra Creek	179-B		trench	Zemorrian	Christen.		
3239	Kern	Careros Rocks	11600	28	Zemorra Creek	179-B		trench	Zemorrian	Christen.		
3240	Kern	Careros Rocks	11600	30	Zemorra Creek	179-B		trench	Zemorrian	Christen.		
3241	Kern	Careros Rocks	11600	31	Zemorra Creek	179-B		trench	Zemorrian	Christen.		
3242	Kern	Careros Rocks	11600	32	Zemorra Creek	179-B		trench	Zemorrian	Christen.		
3243	Kern	Careros Rocks	11600	33	Zemorra Creek	179-B		trench	Zemorrian	Christen.		
3244	Kern	Careros Rocks	11600	34	Zemorra Creek	179-B		trench	Zemorrian	Christen.		
3245	Kern	Careros Rocks	11600	36	Zemorra Creek	179-B		trench	Zemorrian	Christen.		
3246	Kern	Careros Rocks	11600	37	Zemorra Creek	179-B		trench	Zemorrian	Christen.		
3247	Kern	Careros Rocks	11600	38	Zemorra Creek	179-B		trench	Zemorrian	Christen.		
3248	Kern	Careros Rocks	11600	39	Zemorra Creek	179-B		trench	Zemorrian	Christen.		
3249	Kern	Careros Rocks	11600	40	Zemorra Creek	179-B		trench	Zemorrian	Christen.		
3250	Kern	Careros Rocks	11600	41	Zemorra Creek	179-B		trench	Zemorrian	Christen.		
3251	Kern	Careros Rocks	11600	42	Zemorra Creek	179-B		trench	Zemorrian	Christen.		
3252	Kern	Careros Rocks	11600	47	Zemorra Creek	179-B		trench	Zemorrian	Christen.		
3253	Kern	Careros Rocks	11600	51	Zemorra Creek	179-B	Samples below here may be from		cores and of	Christen.		
3254	Kern	Careros Rocks	11600	52	Zemorra Creek	179-B	Refugian and Zemorrian age, according to the strat		column. However, another sheet indicates that these	Christen.		
3255	Kern	Careros Rocks	11600	53	Zemorra Creek	179-B	may also be trench samples of Relizian and S			Christen.		
3256	Kern	Careros Rocks	11600	54	Zemorra Creek	179-B	Saucesian age.			Christen.		
3257	Kern	Careros Rocks	11601	57	Zemorra Creek	179-B		ditto		Christen.		
3258	Kern	Careros Rocks	11601	58	Zemorra Creek	179-B		ditto		Christen.		
3259	Kern	Careros Rocks	11601	59	Zemorra Creek	179-B		ditto		Christen.		
3260	Kern	Careros Rocks	11601	60	Zemorra Creek	179-B		ditto		Christen.		
3261	Kern	Careros Rocks	11601	61	Zemorra Creek	179-B		ditto		Christen.		
3262	Kern	Careros Rocks	11601	62	Zemorra Creek	179-B		ditto		Christen.		
3263	Kern	Careros Rocks	11601	63	Zemorra Creek	179-B		ditto		Christen.		
3264	Kern	Careros Rocks	11601	64	Zemorra Creek	179-B		ditto		Christen.		
3265	Kern	Careros Rocks	11601	65	Zemorra Creek	179-B		ditto		Christen.		
3266	Kern	Careros Rocks	11601	66	Zemorra Creek	179-C		ditto		Christen.		
3267	Kern	Careros Rocks	11601	67	Zemorra Creek	179-C		ditto		Christen.		
3268	Kern	Careros Rocks	11601	68	Zemorra Creek	179-C		ditto		Christen.		
3269	Kern	Careros Rocks	11601	69	Zemorra Creek	179-C		ditto		Christen.		
3270	Kern	Careros Rocks	11601	72	Zemorra Creek	179-C		ditto		Christen.		
3271	Kern	Careros Rocks	11601	74	Zemorra Creek	179-C		ditto		Christen.		
3272	Kern	Careros Rocks	11601	75	Zemorra Creek	179-C		ditto		Christen.		
3273	Kern	Careros Rocks	11601	76	Zemorra Creek	179-C		ditto		Christen.		
3274	Kern	Careros Rocks	11601	77	Zemorra Creek	179-C		ditto		Christen.		
3275	Kern	Careros Rocks	11601	78	Zemorra Creek	179-C		ditto		Christen.		
3276	Kern	Careros Rocks	11601	79	Zemorra Creek	179-C		ditto		Christen.		
3277	Kern	Careros Rocks	11601	80	Zemorra Creek	179-C		ditto		Christen.		
3278	Kern	Careros Rocks	11601	81	Zemorra Creek	179-C		ditto		Christen.		
3279	Kern	Careros Rocks	11601	82	Zemorra Creek	179-C		ditto		Christen.		
3280	Kern	Careros Rocks	11601	83	Zemorra Creek	179-C		ditto		Christen.		
3281	Kern	Careros Rocks	11601	84	Zemorra Creek	179-C		ditto		Christen.		
3282	Kern	Careros Rocks	11601	85	Zemorra Creek	179-C		ditto		Christen.		
3283	Kern	Careros Rocks	11601	86	Zemorra Creek	179-C		ditto		Christen.		
3284	Kern	Careros Rocks	11601	87	Zemorra Creek	179-C		ditto		Christen.		
3285	Kern	Careros Rocks	11601	88	Zemorra Creek	179-C		ditto		Christen.		
3286	Kern	Careros Rocks	11601	89	Zemorra Creek	179-C		ditto		Christen.		
3287	Kern	Careros Rocks	11601	90	Zemorra Creek	179-C		ditto		Christen.		
3288	Kern	Careros Rocks	11601	91	Zemorra Creek	179-C		ditto		Christen.		
3289	Kern	Careros Rocks	11601	92	Zemorra Creek	179-C		ditto		Christen.		
3290	Kern	Careros Rocks	11601	93	Zemorra Creek	179-C		ditto		Christen.		
3291	Kern	Careros Rocks	11601	94	Zemorra Creek	179-C		ditto		Christen.		
3292	Kern	Careros Rocks	11601	95	Zemorra Creek	179-C		ditto		Christen.		
3293	Kern	Careros Rocks	11601	96	Zemorra Creek	179-C		ditto		Christen.		
3294	Kern	Careros Rocks	11601	97	Zemorra Creek	179-C		ditto		Christen.		
3295	Kern	Careros Rocks	11601	98	Zemorra Creek	179-C		ditto		Christen.		
3296	Kern	Careros Rocks	11601	99	Zemorra Creek	179-C		ditto		Christen.		
3297	Kern	Careros Rocks	11601	100	Zemorra Creek	179-C		ditto		Christen.		
3298	Kern	Careros Rocks	11601	102	Zemorra Creek	179-C		ditto		Christen.		
3299	Kern	Careros Rocks	11601	103	Zemorra Creek	179-C		ditto		Christen.		
3300	Kern	Careros Rocks	11601	105	Zemorra Creek	179-C		ditto		Christen.		
3301	Kern	Careros Rocks	11601	106	Zemorra Creek	179-C		ditto		Christen.		
3302	Kern	Careros Rocks	11601	107	Zemorra Creek	179-C		ditto		Christen.		
3303	Kern	Careros Rocks	11601	108	Zemorra Creek	179-C		ditto		Christen.		
3304	Kern	Careros Rocks	11601	109	Zemorra Creek	179-C		ditto		Christen.		
3305	Kern	Careros Rocks	11601	110	Zemorra Creek	179-C		ditto		Christen.		
3306	Kern	Careros Rocks	11601	111	Zemorra Creek	179-C		ditto		Christen.		
3307	Kern	Careros Rocks	11601	112	Zemorra Creek	179-C		ditto		Christen.		
3308	Kern	Careros Rocks	11601	113	Zemorra Creek	179-C		ditto		Christen.		
3309	Kern	Careros Rocks	11601	114	Zemorra Creek	179-C		ditto		Christen.		
3310	Kern	Careros Rocks	11601	115	Zemorra Creek	179-C		ditto		Christen.		
3311	Kern	Careros Rocks	11601	115	Zemorra Creek	179-C		ditto		Christen.		
3312	Kern	Careros Rocks	11601	116	Zemorra Creek	179-C		ditto		Christen.		
3313	Kern	Careros Rocks	11602	1	Careros Creek	71-G	paleo info inferred	not on map	not diagnostic			
3314	Kern	Careros Rocks	11602	2	Careros Creek	71-G	from strat column	not on map	not diagnostic			
3315	Kern	Careros Rocks	11602	3	Careros Creek	71-G		not on map	not diagnostic			
3316	Kern	Careros Rocks	11602	4	Careros Creek	71-G		not on map	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		
3317	Kern	Careros Rocks	11602	5	Careros Creek	71-G		not on map	not diagnostic			
3318	Kern	Careros Rocks	11602	10	Careros Creek	71-G		not on map	not diagnostic			
3319	Kern	Careros Rocks	11602	14	Careros Creek	71-G		not on map	Saucesian			
3320	Kern	Careros Rocks	11602	15	Careros Creek	71-G		not on map	Saucesian			
3321	Kern	Careros Rocks	11602	16	Careros Creek	71-G		not on map	Saucesian			
3322	Kern	Careros Rocks	11602	17	Careros Creek	71-G		not on map	Saucesian			
3323	Kern	Careros Rocks	11602	18	Careros Creek	71-G		not on map	Saucesian			
3324	Kern	Careros Rocks	11602	19	Careros Creek	71-G		not on map	Saucesian			
3325	Kern	Careros Rocks	11602	20	Careros Creek	71-G		not on map	Saucesian			
3326	Kern	Careros Rocks	11602	21	Careros Creek	71-G		not on map	Saucesian			
3327	Kern	Careros Rocks	11602	29	Careros Creek	71-G		not on map	Saucesian			
3328	Kern	Careros Rocks	11602	30	Careros Creek	71-G		not on map	Saucesian			
3329	Kern	Careros Rocks	11602	31	Careros Creek	71-G		not on map	Saucesian			
3330	Kern	Careros Rocks	11602	32	Careros Creek	71-G		not on map	Saucesian			
3331	Kern	Careros Rocks	11602	40	Careros Creek	71-G		not on map	Saucesian			
3332	Kern	Careros Rocks	11602	48	Careros Creek	71-G		not on map	Zemorrian			
3333	Kern	Careros Rocks	11602	49	Careros Creek	71-G		not on map	Zemorrian			
3334	Kern	Careros Rocks	11602	50	Careros Creek	71-G		not on map	Zemorrian			
3335	Kern	Careros Rocks	11602	51	Careros Creek	71-G		not on map	Zemorrian			
3336	Kern	Careros Rocks	11602	52	Careros Creek	71-G		not on map	Zemorrian			
3337	Kern	Careros Rocks	11602	53	Careros Creek	71-G		not on map	Zemorrian			
3338	Kern	Careros Rocks	11602	54	Careros Creek	71-G		not on map	Zemorrian			
3339	Kern	Careros Rocks	11602	55	Careros Creek	71-G		not on map	Zemorrian			
3340	Kern	Careros Rocks	11602	56	Careros Creek	71-G		not on map	Zemorrian			
3341	Kern	Careros Rocks	11602	58	Careros Creek	71-G		not on map	Zemorrian			
3342	Kern	Careros Rocks	11602	60	Careros Creek	71-G		not on map	Zemorrian			
3343	Kern	Careros Rocks	13933	slide 1	Chico Martinez Ck	221-J	picked type slide		Zem/Saucesian	HLL-GLP		
3344	Kern	Careros Rocks	13933	slide 2	Chico Martinez Ck	221-J	picked type slide		Zem/Saucesian	HLL-GLP		
3345	Kern	Careros Rocks	13933	11	Chico Martinez Ck	221-E			Zem/Saucesian	HLL-GLP		
3346	Kern	Careros Rocks	13933	12	Chico Martinez Ck	221-E			Zem/Saucesian	HLL-GLP		
3347	Kern	Careros Rocks	13933	13	Chico Martinez Ck	221-E			Zem/Saucesian	HLL-GLP		
3348	Kern	Careros Rocks	13933	14	Chico Martinez Ck	221-E			Zem/Saucesian	HLL-GLP		
3349	Kern	Careros Rocks	13933	19	Chico Martinez Ck	221-E			Zem/Saucesian	HLL-GLP		
3350	Kern	Careros Rocks	13933	24	Chico Martinez Ck	221-E			Zem/Saucesian	HLL-GLP		
3351	Kern	Careros Rocks	13933	25	Chico Martinez Ck	221-E			Zem/Saucesian	HLL-GLP		
3352	Kern	Careros Rocks	13933	28	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
3353	Kern	Careros Rocks	13933	32	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
3354	Kern	Careros Rocks	13933	33	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
3355	Kern	Careros Rocks	13933	34	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
3356	Kern	Careros Rocks	13933	35	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
3357	Kern	Careros Rocks	13933	36	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
3358	Kern	Careros Rocks	13933	37	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
3359	Kern	Careros Rocks	13933	42	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
3360	Kern	Careros Rocks	13933	46	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
3361	Kern	Careros Rocks	13933	50	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
3362	Kern	Careros Rocks	13933	55	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
3363	Kern	Careros Rocks	13933	56	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
3364	Kern	Careros Rocks	13933	57	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
3365	Kern	Careros Rocks	13933	63	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
3366	Kern	Careros Rocks	13933	66	Chico Martinez Ck	221-F		planktics com	Zem/Saucesian	HLL-GLP		
3367	Kern	Careros Rocks	13933	67	Chico Martinez Ck	221-F		planktics com	Zem/Saucesian	HLL-GLP		
3368	Kern	Careros Rocks	13933	68	Chico Martinez Ck	221-F		planktics abund	Zem/Saucesian	HLL-GLP		
3369	Kern	Careros Rocks	13933	69	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
3370	Kern	Careros Rocks	13933	70	Chico Martinez Ck	221-F		planktics com	Zem/Saucesian	HLL-GLP		
3371	Kern	Careros Rocks	13933	83	Chico Martinez Ck	221-F		planktics abund	Zem/Saucesian	HLL-GLP		
3372	Kern	Careros Rocks	13933	84	Chico Martinez Ck	221-F		planktics abund	Zem/Saucesian	HLL-GLP		
3373	Kern	Careros Rocks	13933	85	Chico Martinez Ck	221-F		planktics com	Zem/Saucesian	HLL-GLP		
3374	Kern	Careros Rocks	13933	86	Chico Martinez Ck	221-F			Zem/Saucesian	HLL-GLP		
3375	Kern	Careros Rocks	13933	87	Chico Martinez Ck	221-F		planktics com	Zem/Saucesian	HLL-GLP		
3376	Kern	Careros Rocks	13933	88	Chico Martinez Ck	221-F		planktics abund	Zem/Saucesian	HLL-GLP		
3377	Kern	Careros Rocks	13934	slide1	Careros Creek	221-E	picked slide for	type Temblor	no age info	HLL-GLP		
3378	Kern	Careros Rocks	13934	1	Careros Creek	221-D	Have strat column	and check list	no age info	HLL-GLP		
3379	Kern	Careros Rocks	13934	5	Careros Creek	221-D	but locs not on map	and no ages	no age info	HLL-GLP		
3380	Kern	Careros Rocks	13934	7	Careros Creek	221-D			no age info	HLL-GLP		
3381	Kern	Careros Rocks	13934	8	Careros Creek	221-D			no age info	HLL-GLP		
3382	Kern	Careros Rocks	13934	9	Careros Creek	221-D			no age info	HLL-GLP		
3383	Kern	Careros Rocks	13934	11	Careros Creek	221-D			no age info	HLL-GLP		
3384	Kern	Careros Rocks	13934	12	Careros Creek	221-D			no age info	HLL-GLP		
3385	Kern	Careros Rocks	13934	13	Careros Creek	221-D			no age info	HLL-GLP		
3386	Kern	Careros Rocks	13934	14	Careros Creek	221-E			no age info	HLL-GLP		
3387	Kern	Careros Rocks	13934	15	Careros Creek	221-E			no age info	HLL-GLP		
3388	Kern	Careros Rocks	13934	16	Careros Creek	221-E			no age info	HLL-GLP		
3389	Kern	Careros Rocks	13934	17	Careros Creek	221-E			no age info	HLL-GLP		
3390	Kern	Careros Rocks	13934	18	Careros Creek	221-E			no age info	HLL-GLP		
3391	Kern	Careros Rocks	13934	19	Careros Creek	221-E			no age info	HLL-GLP		
3392	Kern	Careros Rocks	13934	20	Careros Creek	221-E			no age info	HLL-GLP		
3393	Kern	Careros Rocks	13934	21	Careros Creek	221-E			no age info	HLL-GLP		
3394	Kern	Careros Rocks	13934	22	Careros Creek	221-E			no age info	HLL-GLP		
3395	Kern	Careros Rocks	13934	23	Careros Creek	221-E			no age info	HLL-GLP		
3396	Kern	Careros Rocks	13934	26	Careros Creek	221-E			no age info	HLL-GLP		
3397	Kern	Careros Rocks	13934	27	Careros Creek	221-E			no age info	HLL-GLP		
3398	Kern	Careros Rocks	13934	28	Careros Creek	221-E			no age info	HLL-GLP		
3399	Kern	Careros Rocks	13934	29	Careros Creek	221-E			no age info	HLL-GLP		
3400	Kern	Careros Rocks	13934	31	Careros Creek	221-E			no age info	HLL-GLP		
3401	Kern	Careros Rocks	13934	33	Careros 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		
3487	Kern	Careros Rocks	13971	49	SW of Gould Hill	221-G			Saucesian	Levine & P		
3488	Kern	Careros Rocks	13971	50	SW of Gould Hill	221-G			Saucesian	Levine & P		
3489	Kern	Careros Rocks	13971	51	SW of Gould Hill	221-G			Saucesian	Levine & P		
3490	Kern	Careros Rocks	13971	53	SW of Gould Hill	221-G			Upper Relizian	Levine & P		
3491	Kern	Careros Rocks	13971	54	SW of Gould Hill	221-G			Upper Relizian	Levine & P		
3492	Kern	Careros Rocks	13971	55	SW of Gould Hill	221-G			Upper Relizian	Levine & P		
3493	Kern	Careros Rocks	13971	57	SW of Gould Hill	221-G			Upper Relizian	Levine & P		
3494	Kern	Careros Rocks	13971	59	SW of Gould Hill	221-G			Upper Relizian	Levine & P		
3495	Kern	Careros Rocks	13971	61	SW of Gould Hill	221-G			Upper Relizian	Levine & P		
3496	Kern	Careros Rocks	13971	63	SW of Gould Hill	221-G			Upper Relizian	Levine & P		
3497	Kern	Careros Rocks	33837	1	Salt Creek	121-G			no paleo info	Kraetsch		
3498	Kern	Careros Rocks	33837	2	Salt Creek	121-G			no paleo info	Kraetsch		
3499	Kern	Careros Rocks	33837	3A	Salt Creek	121-G			no paleo info	Kraetsch		
3500	Kern	Careros Rocks	33837	4	Salt Creek	121-G			no paleo info	Kraetsch		
3501	Kern	Careros Rocks	33837	5	Salt Creek	121-G			no paleo info	Kraetsch		
3502	Kern	Careros Rocks	33837	6	Salt Creek	121-G			no paleo info	Kraetsch		
3503	Kern	Careros Rocks	33841	9	SW part of quad	121-F			no paleo info			
3504	Kern	Careros Rocks	33841	10	SW part of quad	121-F			no paleo info			
3505	Kern	Careros Rocks	33842	1	Careros Canyon	121-H			no paleo info			
3506	Kern	Careros Rocks	33842	2A	Careros Canyon	121-H			no paleo info			
3507	Kern	Careros Rocks	33842	3	Careros Canyon	121-H			no paleo info			
3508	Kern	Careros Rocks	33842	4	Careros Canyon	121-H			no paleo info			
3509	Kern	Careros Rocks	33842	6	Careros Canyon	121-H			no paleo info			
3510	Kern	Careros Rocks	33842	8	Careros Canyon	121-H			no paleo info			
3511	Kern	Careros Rocks?	11040	1	Media Agua Creek	249-C	not on map but	name on slide	no paleo info	RBV-WJE		
3512	Kern	Careros Rocks?	11040	2	Media Agua Creek	249-C	not on map but	name on slide	no paleo info	RBV-WJE		
3513	Kern	Careros Rocks?	11040	3	Media Agua Creek	249-D	not on map but	name on slide	no paleo info	RBV-WJE		
3514	Kern	Careros Rocks?	11040	4	Media Agua Creek	249-D	not on map but	name on slide	no paleo info	RBV-WJE		
3515	Santa Barbara	Carpenteria	1	1	SE corner of quad	18-K			Relizian			
3516	Santa Barbara	Carpenteria	1	2	SE corner of quad	18-K			Relizian			
3517	Santa Barbara	Carpenteria	1	3	SE corner of quad	18-K			Relizian			
3518	Santa Barbara	Carpenteria	1	4	SE corner of quad	18-K			Luisian			
3519	Santa Barbara	Carpenteria	1	5	SE corner of quad	18-K			Luisian			
3520	Santa Barbara	Carpenteria	1	6	SE corner of quad	18-K			Luisian			
3521	Santa Barbara	Carpenteria	1	7	SE corner of quad	18-K			Luisian			
3522	Santa Barbara	Carpenteria	1	8	SE corner of quad	18-K			Luisian			
3523	Santa Barbara	Carpenteria	1	9	SE corner of quad	18-K			Luisian			
3524	Santa Barbara	Carpenteria	1	10	SE corner of quad	18-K			Luisian			
3525	Santa Barbara	Carpenteria	74	pit	Picay Creek	44-F	auger	strat column	no paleo report			
3526	Santa Barbara	Carpenteria	74	pit	Picay Creek	44-F	auger	strat column	no paleo report			
3527	Santa Barbara	Carpenteria	74	rc	Picay Creek	44-F	auger	strat column	no paleo report			
3528	Santa Barbara	Carpenteria	74	1AA5	Picay Creek	44-F	auger	strat column	Zemorrian			
3529	Santa Barbara	Carpenteria	74	1AA10	Picay Creek	44-F	auger	strat column	Zemorrian			
3530	Santa Barbara	Carpenteria	74	1AA15	Picay Creek	44-F	auger	strat column	Zemorrian			
3531	Santa Barbara	Carpenteria	74	1B20	Picay Creek	44-F	auger	strat column	Zemorrian			
3532	Santa Barbara	Carpenteria	74	1B15	Picay Creek	44-F	auger	strat column	Zemorrian			
3533	Santa Barbara	Carpenteria	74	1A10	Picay Creek	44-F	auger	strat column	Zemorrian			
3534	Santa Barbara	Carpenteria	74		Picay Creek	44-F	auger	strat column	Zemorrian			
3535	Santa Barbara	Carpenteria	74		Picay Creek	44-F	auger	strat column	Zemorrian			
3536	Santa Barbara	Carpenteria	74	2B15	Picay Creek	44-F	auger	strat column	Zemorrian			
3537	Santa Barbara	Carpenteria	74	2B10	Picay Creek	44-F	auger	strat column	Zemorrian			
3538	Santa Barbara	Carpenteria	74	2B5	Picay Creek	44-F	auger	strat column	Zemorrian			
3539	Santa Barbara	Carpenteria	74	2A15	Picay Creek	44-F	auger	strat column	Zemorrian			
3540	Santa Barbara	Carpenteria	74	2A10	Picay Creek	44-F	auger	strat column	Zemorrian			
3541	Santa Barbara	Carpenteria	74	2A5	Picay Creek	44-F	auger	strat column	Zemorrian			
3542	Santa Barbara	Carpenteria	74		Picay Creek	44-F	auger	strat column	Zemorrian			
3543	Santa Barbara	Carpenteria	74	1C10	Picay Creek	44-F	auger	strat column	Zemorrian			
3544	Santa Barbara	Carpenteria	74	1C15	Picay Creek	44-F	auger	strat column	Zemorrian			
3545	Santa Barbara	Carpenteria	74	1B13	Picay Creek	44-F	auger	strat column	Zemorrian			
3546	Santa Barbara	Carpenteria	74	3A15	Picay Creek	44-F	auger	strat column	Zemorrian			
3547	Santa Barbara	Carpenteria	74	3A10	Picay Creek	44-F	auger	strat column	Zemorrian			
3548	Santa Barbara	Carpenteria	74	3A5	Picay Creek	44-F	auger	strat column	Zemorrian			
3549	Santa Barbara	Carpenteria	74	3A20	Picay Creek	44-F	auger	strat column	Zemorrian			
3550	Santa Barbara	Carpenteria	74	3	Picay Creek	44-F	auger	strat column	Zemorrian			
3551	Santa Barbara	Carpenteria	74	4A25	Picay Creek	44-F	auger	strat column	Zemorrian			
3552	Santa Barbara	Carpenteria	74	3C15	Picay Creek	44-F	auger	strat column	Zemorrian			
3553	Santa Barbara	Carpenteria	74	3C10	Picay Creek	44-F	auger	strat column	Zemorrian			
3554	Santa Barbara	Carpenteria	74	3C5	Picay Creek	44-F	auger	strat column	Zemorrian			
3555	Santa Barbara	Carpenteria	74	3B15	Picay Creek	44-F	auger	strat column	Zemorrian			
3556	Santa Barbara	Carpenteria	74	3B10	Picay Creek	44-F	auger	strat column	Zemorrian			
3557	Santa Barbara	Carpenteria	74	3B5	Picay Creek	44-F	auger	strat column	Zemorrian			
3558	Santa Barbara	Carpenteria	74	4A20	Picay Creek	44-F	auger	strat column	Zemorrian			
3559	Santa Barbara	Carpenteria	74	4A15	Picay Creek	44-F	auger	strat column	Zemorrian			
3560	Santa Barbara	Carpenteria	74	4A10	Picay Creek	44-F	auger	strat column	Zemorrian			
3561	Santa Barbara	Carpenteria	74	4A5	Picay Creek	44-F	auger	strat column	Zemorrian			
3562	Santa Barbara	Carpenteria	74	4	Picay Creek	44-F	auger	strat column	Saucesian			
3563	Santa Barbara	Carpenteria	74	4	Picay Creek	44-F	auger	strat column	Saucesian			
3564	Santa Barbara	Carpenteria	74	5A25	Picay Creek	44-F	auger	strat column	Saucesian			
3565	Santa Barbara	Carpenteria	74	5A20	Picay Creek	44-F	auger	strat column	Saucesian			
3566	Santa Barbara	Carpenteria	74	5A15	Picay Creek	44-F	auger	strat column	Saucesian			
3567	Santa Barbara	Carpenteria	74	5A10	Picay Creek	44-G	auger	strat column	Saucesian			
3568	Santa Barbara	Carpenteria	74	37035	Picay Creek	44-G	auger	strat column	Saucesian			
3569	Santa Barbara	Carpenteria	74	36647	Picay Creek	44-G	auger	strat column	Saucesian			
3570	Santa Barbara	Carpenteria	74	36678	Picay Creek	44-G	auger	strat column	Saucesian			
3571	Santa Barbara	Carpenteria	74	7A-25	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 LOCATI	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
3657	Santa Barbara	Carpenteria	354	7	Summerland	96-G			no paleo info	Ruth		
3658	Santa Barbara	Carpenteria	354	8	Summerland	96-G			no paleo info	Ruth		
3659	Santa Barbara	Carpenteria	354	10	Summerland	96-G			no paleo info	Ruth		
3660	Santa Barbara	Carpenteria	354	33	Summerland	96-G			no paleo info	Ruth		
3661	Santa Barbara	Carpenteria	354	37	Summerland	96-G			no paleo info	Ruth		
3662	Santa Barbara	Carpenteria	354	38	Summerland	96-G			no paleo info	Ruth		
3663	Santa Barbara	Carpenteria	354	42	Summerland	96-G			no paleo info	Ruth		
3664	Santa Barbara	Carpenteria	522	2	NW part of quad	59-M			no paleo info			
3665	Santa Barbara	Carpenteria	522	3	NW part of quad	59-M			no paleo info			
3666	Santa Barbara	Carpenteria	522	4	NW part of quad	59-M			no paleo info			
3667	Santa Barbara	Carpenteria	522	6	NW part of quad	59-M			no paleo info			
3668	Santa Barbara	Carpenteria	522	7	NW part of quad	59-M			no paleo info			
3669	Santa Barbara	Carpenteria	522	8	NW part of quad	59-M			no paleo info			
3670	Santa Barbara	Carpenteria	6403		Romero Saddle	50-F			Eocene			
3671	Imperial	Carrizo Mountain	9508	4	Coyote Mtns	85-I	has NP list	Imperial Fm	Miocene	Stoeck.		
3672	Imperial	Carrizo Mountain	9508	5	Coyote Mtns	85-I	has NP list	Palm Sprs Fm	Pliocene	Stoeck.		
3673	San Diego	Carrizo Mountain NE	3731		Split Mtn area	41-M	Carrizo Mtn 15'	tooth?	no paleo info			
3674	San Diego	Carrizo Mountain NE	3737		Split Mtn area	41-M	Carrizo Mtn 15'	not on map	no paleo info			
3675	San Diego	Carrizo Mountain NE	3737	200	Split Mtn area	41-M	Carrizo Mtn 15'	not on map	no paleo info			
3676	Imperial	Carrizo Mountains NE	9535	3	Red Rock Canyon	85-I	Carrizo Mtns 15'		Miocene	Crowder		
3677	Santa Barbara	Casmalia	88	1	E of Lion's Head	22-K	have strat column		Middle Miocene			
3678	Santa Barbara	Casmalia	88	2	E of Lion's Head	22-K			Middle Miocene			
3679	Santa Barbara	Casmalia	88	16	E of Lion's Head	22-K			Middle Miocene			
3680	Santa Barbara	Casmalia	88	16 cast	E of Lion's Head	31-N			Middle Miocene			
3681	Santa Barbara	Casmalia	88	16 cast	E of Lion's Head	31-N			Middle Miocene			
3682	Santa Barbara	Casmalia	88	18	E of Lion's Head	22-K			Luisian			
3683	Santa Barbara	Casmalia	88	19	E of Lion's Head	22-K			Luisian			
3684	Santa Barbara	Casmalia	88	20	E of Lion's Head	22-K			Luisian			
3685	Santa Barbara	Casmalia	88	21	E of Lion's Head	22-L			Luisian			
3686	Santa Barbara	Casmalia	88	22	E of Lion's Head	22-L			Luisian			
3687	Santa Barbara	Casmalia	88	23	E of Lion's Head	22-L			? Mohnian			
3688	Santa Barbara	Casmalia	88	29	E of Lion's Head	22-L			? Mohnian			
3689	Santa Barbara	Casmalia	88	30	E of Lion's Head	22-L			? Mohnian			
3690	Santa Barbara	Casmalia	88	31	E of Lion's Head	22-L			? Mohnian			
3691	Santa Barbara	Casmalia	88	32	E of Lion's Head	22-L			? Mohnian			
3692	Santa Barbara	Casmalia	122	1	NW part of quad	2-N			not diagnostic			
3693	Santa Barbara	Casmalia	122	2	NW part of quad	2-N			not diagnostic			
3694	Santa Barbara	Casmalia	122	4	NW part of quad	2-N			not diagnostic			
3695	Santa Barbara	Casmalia	122	12	NW part of quad	2-N			Lower Luisian			
3696	Santa Barbara	Casmalia	122	13	NW part of quad	2-N			not diagnostic			
3697	Santa Barbara	Casmalia	122	14	NW part of quad	2-N			not diagnostic			
3698	Santa Barbara	Casmalia	122	17	NW part of quad	2-N			Relizian			
3699	Santa Barbara	Casmalia	1725		Lions Head area	69-B			no paleo info	Newbill		
3700	Santa Barbara	Casmalia	1726		Lions Head area	69-B			no paleo info	Newbill		
3701	Santa Barbara	Casmalia	1727		Lions Head area	69-B			no paleo info	Newbill		
3702	Santa Barbara	Casmalia	1728		Lions Head area	69-B			no paleo info	Newbill		
3703	Santa Barbara	Casmalia	1729		Lions Head area	69-B			no paleo info	Newbill		
3704	Santa Barbara	Casmalia	1730		Lions Head area	69-B			no paleo info	Newbill		
3705	Santa Barbara	Casmalia	1732		Lions Head area	69-B			no paleo info	Newbill		
3706	Santa Barbara	Casmalia	1733		Lions Head area	69-B			no paleo info	Newbill		
3707	Santa Cruz	Castle Rock Ridge	397	BC1 etc	Bear Creek	91-A			Zemorrian	Newton		
3708	Santa Cruz	Castle Rock Ridge	397	2	Bear Creek	91-A			Zemorrian	Newton		
3709	Santa Cruz	Castle Rock Ridge	397	3	Bear Creek	91-A			Zemorrian	Newton		
3710	Santa Cruz	Castle Rock Ridge	397	4	Bear Creek	91-A			Zemorrian	Newton		
3711	Santa Cruz	Castle Rock Ridge	397	6	Bear Creek	91-A			Zemorrian	Newton		
3712	Santa Cruz	Castle Rock Ridge	397	6	Bear Creek	91-A			Zemorrian	Newton		
3713	Santa Cruz	Castle Rock Ridge	397	7	Bear Creek	91-A			Zemorrian	Newton		
3714	Santa Cruz	Castle Rock Ridge	397	8	Bear Creek	91-A			Zemorrian	Newton		
3715	Santa Cruz	Castle Rock Ridge	397	9	Bear Creek	91-A			Zemorrian	Newton		
3716	Santa Cruz	Castle Rock Ridge	397	10	Bear Creek	91-A			Zemorrian	Newton		
3717	Santa Cruz	Castle Rock Ridge	397	11	Bear Creek	91-A			Zemorrian	Newton		
3718	Santa Cruz	Castle Rock Ridge	397	12	Bear Creek	91-A			Zemorrian	Newton		
3719	Santa Cruz	Castle Rock Ridge	397	13	Bear Creek	91-A			Zemorrian	Newton		
3720	Santa Cruz	Castle Rock Ridge	397	14	Bear Creek	91-A			Zemorrian	Newton		
3721	Santa Cruz	Castle Rock Ridge	397	15	Bear Creek	91-A			Zemorrian	Newton		
3722	Santa Cruz	Castle Rock Ridge	397	16	Bear Creek	91-A			Zemorrian	Newton		
3723	Santa Cruz	Castle Rock Ridge	397	17	Bear Creek	91-A			Zemorrian	Newton		
3724	Santa Cruz	Castle Rock Ridge	397	19	Bear Creek	91-A			Zemorrian	Newton		
3725	Santa Cruz	Castle Rock Ridge	397	20	Bear Creek	91-A			Zemorrian	Newton		
3726	Santa Cruz	Castle Rock Ridge	397	21	Bear Creek	91-A			Zemorrian	Newton		
3727	Santa Cruz	Castle Rock Ridge	397	22	Bear Creek	91-A			Zemorrian	Newton		
3728	Santa Cruz	Castle Rock Ridge	397	23	Bear Creek	91-A			Zemorrian	Newton		
3729	Santa Cruz	Castle Rock Ridge	397	24	Bear Creek	91-A			Zemorrian	Newton		
3730	Santa Cruz	Castle Rock Ridge	397	28	Bear Creek	91-A			Zemorrian	Newton		
3731	Santa Cruz	Castle Rock Ridge	397	29	Bear Creek	91-A			Zemorrian	Newton		
3732	Santa Cruz	Castle Rock Ridge	397	30	Bear Creek	91-A			Zemorrian	Newton		
3733	Santa Cruz	Castle Rock Ridge	397	31	Bear Creek	91-A			Zemorrian	Newton		
3734	Santa Cruz	Castle Rock Ridge	397	32	Bear Creek	91-A			Zemorrian	Newton		
3735	Santa Cruz	Castle Rock Ridge	397	33	Bear Creek	91-A			Zemorrian	Newton		
3736	Santa Cruz	Castle Rock Ridge	397	34	Bear Creek	91-A			Zemorrian	Newton		
3737	Santa Cruz	Castle Rock Ridge	397	35	Bear Creek	91-A			Zemorrian	Newton		
3738	Santa Cruz	Castle Rock Ridge	397	36	Bear Creek	91-A			Zemorrian	Newton		
3739	Santa Cruz	Castle Rock Ridge	397	37	Bear Creek	91-A			Zemorrian	Newton		
3740	Santa Cruz	Castle Rock Ridge	397	39	Bear Creek	91-A			Zemorrian	Newton		
3741	Santa Cruz	Castle Rock Ridge	397	40	Bear Creek	91-A			Zemorrian	Newton		

	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		
3827	Santa Cruz	Castle Rock Ridge	711	9	Kings Creek	B-14	EB 420-B	type Rices	Refugian	Brabb		
3828	Santa Cruz	Castle Rock Ridge	711	10	Kings Creek	B-14	EB 420-D	type Rices	Refugian	Brabb		
3829	Santa Cruz	Castle Rock Ridge	711	11	Kings Creek	B-14	EB 364-B	type Rices	Ref/Narizian	Brabb		
3830	Santa Cruz	Castle Rock Ridge	711	12	Kings Creek	B-14	EB 365-B	type Rices	Narizian A-1	Brabb		
3831	Santa Cruz	Castle Rock Ridge	711	13	Kings Creek	B-14	EB 365-A	type Rices	Narizian A-1	Brabb		
3832	Santa Cruz	Castle Rock Ridge	711	14	Kings Creek	B-14	EB 367-E	type Rices	Narizian A-1	Brabb		
3833	Santa Cruz	Castle Rock Ridge	711	15	Kings Creek	B-14	EB 367-D	type Rices	Narizian A-1	Brabb		
3834	Santa Cruz	Castle Rock Ridge	711	16	Kings Creek	B-14	EB 367-B	type Twobar	Narizian A-1	Brabb		
3835	Santa Cruz	Castle Rock Ridge	711	17	Kings Creek	B-14	EB 367-A	type Twobar	Narizian A-1	Brabb		
3836	Santa Cruz	Castle Rock Ridge	711	18	Kings Creek	B-14	EB 366-D	type Twobar	Narizian A-1	Brabb		
3837	Santa Cruz	Castle Rock Ridge	711	19	Kings Creek	B-14	EB 366-C	type Twobar	Narizian A-1	Brabb		
3838	Santa Cruz	Castle Rock Ridge	711	20	Kings Creek	B-14	EB 366-B	type Twobar	Narizian A-1	Brabb		
3839	Santa Cruz	Castle Rock Ridge	711	21	Kings Creek	B-14	EB 419-C	type Twobar	Narizian A-1	Brabb		
3840	Santa Cruz	Castle Rock Ridge	711	22	Kings Creek	B-14	EB 419-A	type Twobar	Narizian A-1	Brabb		
3841	Santa Cruz	Castle Rock Ridge	711	23	Kings Creek	B-14	EB 363-C	type Twobar	Refugian	Brabb		
3842	Santa Cruz	Castle Rock Ridge	711	24	Kings Creek	B-14	EB 363-B	type Twobar	Refugian	Brabb		
3843	Santa Cruz	Castle Rock Ridge	711	25	Kings Creek	B-14	EB 425-A	Butano ss	Refugian	Brabb		
3844	Santa Cruz	Castle Rock Ridge	711	26	Kings Creek	B-14	EB 425-C	Butano ss	Refugian	Brabb		
3845	Santa Cruz	Castle Rock Ridge	711	27	Kings Creek	B-14	EB 426-B	Butano ss	Ref/Narizian	Brabb		
3846	Santa Cruz	Castle Rock Ridge	711	slide 1	Kings Creek	B-15	composite?		no information	Brabb		
3847	Santa Cruz	Castle Rock Ridge	711	slide 2	Kings Creek	B-16	composite?		no information	Brabb		
3848	Santa Cruz	Castle Rock Ridge	739	1	Kings Creek	91-B			barren	Newton		
3849	Santa Cruz	Castle Rock Ridge	739	2	Kings Creek	91-B			barren	Newton		
3850	Santa Cruz	Castle Rock Ridge	739	3	Kings Creek	91-B			not diagnostic	Newton		
3851	Santa Cruz	Castle Rock Ridge	739	4	Kings Creek	91-B			not diagnostic	Newton		
3852	Santa Cruz	Castle Rock Ridge	739	5	Kings Creek	91-B			not diagnostic	Newton		
3853	Santa Cruz	Castle Rock Ridge	739	6	Kings Creek	91-B			Zemorrian	Newton		
3854	Santa Cruz	Castle Rock Ridge	739	7	Kings Creek	91-B			Zemorrian	Newton		
3855	Santa Cruz	Castle Rock Ridge	739	8	Kings Creek	91-B			not diagnostic	Newton		
3856	Santa Cruz	Castle Rock Ridge	739	9	Kings Creek	91-B			not diagnostic	Newton		
3857	Santa Cruz	Castle Rock Ridge	739	10	Kings Creek	91-B			not diagnostic	Newton		
3858	Santa Cruz	Castle Rock Ridge	739	11	Kings Creek	91-B			not diagnostic	Newton		
3859	Santa Cruz	Castle Rock Ridge	739	12	Kings Creek	91-B			not diagnostic	Newton		
3860	Santa Cruz	Castle Rock Ridge	739	13	Kings Creek	91-B			not diagnostic	Newton		
3861	Santa Cruz	Castle Rock Ridge	739	14	Kings Creek	91-B			not diagnostic	Newton		
3862	Santa Cruz	Castle Rock Ridge	739	17	Kings Creek	91-B			not diagnostic	Newton		
3863	Santa Cruz	Castle Rock Ridge	739	18	Kings Creek	91-B			not diagnostic	Newton		
3864	Santa Cruz	Castle Rock Ridge	739	19	Kings Creek	91-B			not diagnostic	Newton		
3865	Santa Cruz	Castle Rock Ridge	739	20	Kings Creek	91-B			not diagnostic	Newton		
3866	Santa Cruz	Castle Rock Ridge	739	21	Kings Creek	91-B			not diagnostic	Newton		
3867	Santa Cruz	Castle Rock Ridge	739	22	Kings Creek	91-B			not diagnostic	Newton		
3868	Santa Cruz	Castle Rock Ridge	739	23	Kings Creek	91-B			not diagnostic	Newton		
3869	Santa Cruz	Castle Rock Ridge	740	101	Hopkins gulch	91-A	S Cruz Mtns		Zemorrian	Newton		
3870	Santa Cruz	Castle Rock Ridge	740	102	Hopkins gulch	91-A	S Cruz Mtns		not diagnostic	Newton		
3871	Santa Cruz	Castle Rock Ridge	740	105	Hopkins gulch	91-A	S Cruz Mtns		not diagnostic	Newton		
3872	Santa Cruz	Castle Rock Ridge	2466		Beatty Ridge	115-E		has planktics	not diagnostic			
3873	Santa Cruz	Castle Rock Ridge	5150	A	BearCreek Road	142-E			Eocene B1-A zone	Flege		
3874	Santa Cruz	Castle Rock Ridge	5150	B	BearCreek Road	142-E			Eocene B1-A zone	Flege		
3875	Santa Cruz	Castle Rock Ridge	5150	C	BearCreek Road	142-E			Eocene B1-A zone	Flege		
3876	Santa Cruz	Castle Rock Ridge	5150	D	BearCreek Road	142-E			Eocene B1-A zone	Flege		
3877	Santa Cruz	Castle Rock Ridge	7036		Bear Creek	89-E	20/9S/2W (SLP)		not diagnostic	Kraetsch		
3878	Santa Cruz	Castle Rock Ridge	7037		Two Bar Creek	89-E	17/9S/2W		not diagnostic	Kraetsch		
3879	Santa Cruz	Castle Rock Ridge	7467		Bear Creek Road	147-D			U Eocene A zone	Kraetsch		
3880	Santa Cruz	Castle Rock Ridge	7468		Bear Creek Road	147-D			not diagnostic	Kraetsch		
3881	Santa Cruz	Castle Rock Ridge	7468	RW	Bear Creek Road	147-D			not diagnostic	Kraetsch		
3882	Santa Cruz	Castle Rock Ridge	7469		Bear Creek Road	147-D	see slide 7481	abun planktics	prob Eocene	Kraetsch		
3883	Santa Cruz	Castle Rock Ridge	7469	RW	Bear Creek Road	147-D		abun planktics	U Eocene A zone	Kraetsch		
3884	Santa Cruz	Castle Rock Ridge	7481		center of quad	147-D	see slide 7469		not diagnostic	Kraetsch		
3885	Santa Cruz	Castle Rock Ridge	8805		Zayante Creek	147-D	30/9S/1W (SLP)	rubber casts	Lower Miocene	Kraetsch		
3886	Santa Cruz	Castle Rock Ridge	8809		Two Bar Creek	147-D			not diagnostic	Kraetsch		
3887	Santa Cruz	Castle Rock Ridge	8810		Two Bar Creek	147-D			Zemorrian	Kraetsch		
3888	Santa Cruz	Castle Rock Ridge	8811		Two Bar Creek	147-D			Zemorrian	Kraetsch		
3889	Santa Cruz	Castle Rock Ridge	8834		Kings Creek	147-E			prob L Zemorrian	Kraetsch		
3890	Santa Cruz	Castle Rock Ridge	8835		Kings Creek	147-E			barren	Kraetsch		
3891	Santa Cruz	Castle Rock Ridge	8836		Kings Creek	147-E			not diagnostic	Kraetsch		
3892	Santa Cruz	Castle Rock Ridge	8837		Kings Creek	147-E			not diagnostic	Kraetsch		
3893	Santa Cruz	Castle Rock Ridge	8838		Kings Creek	147-E			not diagnostic	Kraetsch		
3894	Santa Cruz	Castle Rock Ridge	8839		Fat Buck Ridge	147-E			not diagnostic	Kraetsch		
3895	Santa Cruz	Castle Rock Ridge	8840		Kings Creek	147-E			Eocene A-1 zone	Kraetsch		
3896	Santa Cruz	Castle Rock Ridge	8841		Bear Creek Road	147-E			Lower Miocene	Kraetsch		
3897	Santa Cruz	Castle Rock Ridge	8842		Bear Creek Road	147-E			not diagnostic	Kraetsch		
3898	Santa Cruz	Castle Rock Ridge	8843		Bear Creek Road	147-E			barren	Kraetsch		
3899	Santa Cruz	Castle Rock Ridge	8867		Bear Ck summit	147-E	31/5S/4W (SLP)		not diagnostic	Kraetsch		
3900	Santa Clara	Castle Rock Ridge	8868		Bear Ck summit	147-E		rubber casts	prob L Miocene	Kraetsch		
3901	Santa Cruz	Castle Rock Ridge	8889		Skyline blvd	147-F		rubber casts	Zemorrian	Kraetsch		
3902	Santa Cruz	Castle Rock Ridge	8911		Bear Creek Road	147-F			Lower Miocene	Starke		
3903	Santa Cruz	Castle Rock Ridge	8912		Bear Creek Road	147-F			not diagnostic	Starke		
3904	Santa Cruz	Castle Rock Ridge	11200		Newell Creek	B-1			Zemorrian	McCullom		
3905	Santa Cruz	Castle Rock Ridge	11200	RM-1	picked slide	B-1			Zemorrian			
3906	Santa Cruz	Castle Rock Ridge	11200	RM-2	picked slide	B-1			Zemorrian			
3907	Santa Cruz	Castle Rock Ridge	11201		Newell Creek	B-1			Zemorrian	McCullom		
3908	Santa Cruz	Castle Rock Ridge	11202		Newell Creek	B-1			Zemorrian	McCullom		
3909	Santa Cruz	Castle Rock Ridge	11203		Newell Creek	B-1			Zemorrian	McCullom		
3910	Santa Cruz	Castle Rock Ridge	11204		Newell Creek	B-1			Zemorrian	McCullom		
3911	Santa Cruz	Castle Rock Ridge	11205		Newell Creek	B-1			Zemorrian	McCullom		

	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		
3912	Santa Cruz	Castle Rock Ridge	11206		Zayante Creek	B-1			Zemorrian	McCullom		
3913	Santa Cruz	Castle Rock Ridge	11207		Zayante Creek	B-1			Zemorrian	McCullom		
3914	Santa Cruz	Castle Rock Ridge	11208		Zayante Creek	B-1			Zemorrian	McCullom		
3915	Santa Cruz	Castle Rock Ridge	11209		Zayante Creek	B-1			Zemorrian	McCullom		
3916	Santa Cruz	Castle Rock Ridge	11210		Zayante Creek	B-1			Zemorrian	McCullom		
3917	Santa Cruz	Castle Rock Ridge	11211		Zayante Creek	B-1			Zemorrian	McCullom		
3918	Santa Cruz	Castle Rock Ridge	24080		Kings Creek	99-F			Lower Zemorrian			
3919	Santa Cruz	Castle Rock Ridge	24081		Kings Creek	99-F			Refugian/Zem			
3920	Santa Cruz	Castle Rock Ridge	24082		Kings Creek	99-F			Zemorrian			
3921	Santa Cruz	Castle Rock Ridge?	7466		not on map	147-D	7/9S/1W (SLP)		Lower Miocene	Kraetsch		
3922	Santa Cruz	Castle Rock Ridge?	7466	RW	not on map	147-D	7/9S/1W (SLP)		Zemorrian	Kraetsch		
3923	Shasta	Chanchelulla Peak	7583	A	AC Graves Ranch	152-E	Chanchelulla Pk 15		no paleo info	Welge		
3924	Merced	Charleston School	436	222	SC part of quad	142-C	Ortivalita Peak 15'		barren or not diag	Porter		
3925	Merced	Charleston School	436	224	SC part of quad	142-C	Ortivalita Peak 15'		barren or not diag	Porter		
3926	Merced	Charleston School	436	225	SC part of quad	142-C	Ortivalita Peak 15'		barren or not diag	Porter		
3927	Merced	Charleston School	436	229	SC part of quad	142-C	Ortivalita Peak 15'		barren or not diag	Porter		
3928	Merced	Charleston School	436	230	SC part of quad	142-C	Ortivalita Peak 15'		barren or not diag	Porter		
3929	Merced	Charleston School	436	231	SC part of quad	142-C	Ortivalita Peak 15'		barren or not diag	Porter		
3930	Merced	Charleston School	436	232	SC part of quad	142-C	Ortivalita Peak 15'		Eocene	Porter		
3931	Merced	Charleston School	436	233	SC part of quad	142-C	Ortivalita Peak 15'		barren or not diag	Porter		
3932	Merced	Charleston School	436	234	SC part of quad	142-C	Ortivalita Peak 15'		barren or not diag	Porter		
3933	Merced	Charleston School	436	235	SC part of quad	142-C	Ortivalita Peak 15'		barren or not diag	Porter		
3934	Merced	Charleston School	3102		Laguna Seca Cree	29-J	Ortivalita Pk 15'		M Eocene A-2 zone	Porter		
3935	Merced	Charleston School	3103		Laguna Seca Cree	29-J	Ortivalita Pk 15'		rads only	Porter		
3936	Merced	Charleston School	3104		Laguna Seca Cree	29-J	Ortivalita Pk 15'		rads only			
3937	Merced	Charleston School	3105		Laguna Seca Cree	29-J	Ortivalita Pk 15'		rads only	Porter		
3938	Merced	Charleston School	3110		Laguna Seca Cree	29-J	loc name on slide but # not on map		Upper Cretaceous	Porter		
3939	Merced	Charleston School	3119		Laguna Seca Cree	123-J	loc name on slide but # not on map		not diagnostic	Porter		
3940	Merced	Charleston School	3132		Laguna Seca Cree	123-J	loc name on slide but # not on map		?Cretaceous			
3941	Merced	Charleston School	3136		Laguna Seca Cree	123-J	loc name on slide but # not on map		not diagnostic	Porter		
3942	Monterey	Chews Ridge	702	1	Church Creek	141-M	Jamesburg 15'		not diagnostic	Bolin		
3943	Monterey	Chews Ridge	702	2	Church Creek	141-M	Jamesburg 15'		M Eocene A-2/C	Bolin		
3944	Monterey	Chews Ridge	702	3	Church Creek	141-M	Jamesburg 15'		M Eocene A-2/C	Bolin		
3945	Monterey	Chews Ridge	702	4	Church Creek	141-M	Jamesburg 15'		M Eocene A-2/C	Bolin		
3946	Monterey	Chews Ridge	702	5	Church Creek	141-M	Jamesburg 15'		M Eocene A-2/C	Bolin		
3947	Monterey	Chews Ridge	713	1	Church Creek	141-N	Jamesburg 15'		not diagnostic	Classen		
3948	Monterey	Chews Ridge	713	2	Church Creek	141-N	Jamesburg 15'		Refugian	Classen		
3949	Monterey	Chews Ridge	713	3	Church Creek	141-N	Jamesburg 15'		Refugian	Classen		
3950	Monterey	Chews Ridge	713	3A	Church Creek	141-N	Jamesburg 15'		Refugian	Classen		
3951	Monterey	Chews Ridge	713	4	Church Creek	141-N	Jamesburg 15'		Refugian	Classen		
3952	Monterey	Chews Ridge	713	5	Church Creek	141-N	Jamesburg 15'		Refugian	Classen		
3953	Monterey	Chews Ridge	713	6	Church Creek	141-N	Jamesburg 15'		Refugian	Classen		
3954	Monterey	Chews Ridge	713	7	Church Creek	141-N	Jamesburg 15'		Refugian	Classen		
3955	Monterey	Chews Ridge	713	8	Church Creek	141-N	Jamesburg 15'		Refugian	Classen		
3956	Monterey	Chews Ridge	7315		Church Creek	147-A	Jamesburg 15'		Refugian	Dickinson		
3957	Monterey	Chews Ridge	7411		Church Creek	140-E	Jamesburg 15'	com planktics	Eocene A zone	Dickinson		
3958	Monterey	Chews Ridge	7412		Church Creek	140-E	Jamesburg 15'	com planktics	Eocene A zone	Dickinson		
3959	Monterey	Chews Ridge	7413		Church Creek	140-E	Jamesburg 15'	com planktics	Eocene A zone	Dickinson		
3960	Monterey	Chews Ridge	7414		Church Creek	140-E	Jamesburg 15'		Refugian	Dickinson		
3961	Monterey	Chews Ridge	7416		Church Creek	140-E	Jamesburg 15'		Refugian	Dickinson		
3962	Monterey	Chews Ridge	7470		not on map	140-E	Jamesburg 15'		prob Refugian	Dickinson		
3963	Monterey	Chews Ridge	7471		Church Creek	140-E	Jamesburg 15'	abun planktics	Eocene A zone	Dickinson		
3964	Monterey	Chews Ridge	7472		Church Creek	140-E	Jamesburg 15'		Eocene A zone	Dickinson		
3965	Monterey	Chews Ridge	7473		Church Creek	140-E	Jamesburg 15'		Eocene A zone	Dickinson		
3966	Monterey	Chews Ridge	7474		Church Creek	140-E	Jamesburg 15'	com planktics	Eocene A zone	Dickinson		
3967	Monterey	Chews Ridge	7475		Church Creek	140-E	Jamesburg 15'		Refugian	Dickinson		
3968	Monterey	Chews Ridge	7476		Church Creek	140-F	Jamesburg 15'		Eocene A zone	Dickinson		
3969	Monterey	Chews Ridge	7477		Church Creek	140-F	Jamesburg 15'		Eocene A zone	Dickinson		
3970	Monterey	Chews Ridge	7478		Church Creek	140-F	Jamesburg 15'		Eocene A zone	Dickinson		
3971	Monterey	Chews Ridge	7479		Church Creek	140-F	Jamesburg 15'	com planktics	Eocene A zone	Dickinson		
3972	Monterey	Chews Ridge	7480		Church Creek	140-F	Jamesburg 15'	com planktics	Eocene A zone	Dickinson		
3973	Monterey	Chews Ridge	8699		Church Creek	81-J	Jamesburg 15'		Eocene	Stanford		
3974	Monterey	Chews Ridge	9062		Miller Canyon	105-G	Jamesburg 15'	abun planktics	Upper Eocene	Dickinson		
3975	Monterey	Chews Ridge	9063		Miller Canyon	105-G	Jamesburg 15'		Upper Eocene	Dickinson		
3976	Monterey	Chews Ridge	9064		Miller Canyon	105-G	Jamesburg 15'	com planktics	Upper Eocene	Dickinson		
3977	Monterey	Chews Ridge	9065		Miller Canyon	105-G	Jamesburg 15'		not diagnostic	Dickinson		
3978	Monterey	Chews Ridge	9076		Church Creek	129-C	Jamesburg 15'		not diagnostic	Bolin		
3979	Tehama	Chickabally Mountain	239	D-1 etc	Dry Creek	148-K	Ono 15'	Have strat	U Cret G-2 zone	Solari		
3980	Tehama	Chickabally Mountain	239	2	Dry Creek	148-K	Ono 15'	column and	U Cret G-2 zone	Solari		
3981	Tehama	Chickabally Mountain	239	3	Dry Creek	148-K	Ono 15'	form check	U Cret G-2 zone	Solari		
3982	Tehama	Chickabally Mountain	239	4	Dry Creek	148-K	Ono 15'	list.	U Cret G-2 zone	Solari		
3983	Tehama	Chickabally Mountain	239	5	Dry Creek	148-K	Ono 15'		U Cret G-2 zone	Solari		
3984	Tehama	Chickabally Mountain	239	6	Dry Creek	148-K	Ono 15'		U Cret G-2 zone	Solari		
3985	Tehama	Chickabally Mountain	239	7	Dry Creek	148-K	Ono 15'		U Cret G-2 zone	Solari		
3986	Tehama	Chickabally Mountain	239	9	Dry Creek	148-K	Ono 15'		U Cret G-2 zone	Solari		
3987	Tehama	Chickabally Mountain	239	11	Dry Creek	148-K	Ono 15'		U Cret G-2 zone			
3988	Tehama	Chickabally Mountain	239	12	Dry Creek	148-K	Ono 15'		U Cret G-2 zone	Solari		
3989	Tehama	Chickabally Mountain	239	13	Dry Creek	148-K	Ono 15'		Upper Cret H zone	Solari		
3990	Tehama	Chickabally Mountain	239	14	Dry Creek	148-K	Ono 15'		Upper Cret H zone	Solari		
3991	Tehama	Chickabally Mountain	239	15	Dry Creek	148-K	Ono 15'		Upper Cret H zone	Solari		
3992	Tehama	Chickabally Mountain	239	16	Dry Creek	148-K	Ono 15'		Upper Cret H zone	Solari		
3993	Tehama	Chickabally Mountain	239	17	Dry Creek	148-K	Ono 15'		Upper Cret H zone	Solari		
3994	Tehama	Chickabally Mountain	239	18	Dry Creek	148-K	Ono 15'		Upper Cret H zone	Solari		
3995	Tehama	Chickabally Mountain	239	19	Dry Creek	148-K	Ono 15'		Upper Cret H zone	Solari		
3996	Tehama	Chickabally Mountain	239	20	Dry Creek	148-K	Ono 15'		Upper Cret H 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		
4167	San Luis Obispo	Chimineas Ranch	1762		SE part of quad	70-L	Caliente Mtn 15'	age from map	Luisian	Kriz		
4168	San Luis Obispo	Chimineas Ranch	1763		center of quad	70-L	Caliente Mtn 15'	age from map	Luisian	Kriz		
4169	San Luis Obispo	Chimineas Ranch	1764		SE part of quad	70-L	Caliente Mtn 15'	age from map	not diagnostic	Kriz		
4170	San Luis Obispo	Chimineas Ranch	1765		W of Wellman Rch	70-L	Caliente Mtn 15'	age from map	not diagnostic	Kriz		
4171	San Luis Obispo	Chimineas Ranch	2680		not found	89-M	Caliente Mtn 15'	Caliente Rang	no paleo info	Staples		
4172	San Luis Obispo	Chimineas Ranch	2681		Salto Canyon	89-M	Caliente Mtn 15'	on slide	no paleo info	Staples		
4173	San Luis Obispo	Chimineas Ranch	2683		Salto Canyon	94-I	Caliente Mtn 15'		no paleo info	Staples		
4174	San Luis Obispo	Chimineas Ranch	2684		Salto Canyon	94-I	Caliente Mtn 15'	Chimineas on	no paleo info	Papp		
4175	San Luis Obispo	Chimineas Ranch	2685		Salto Canyon	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
4176	San Luis Obispo	Chimineas Ranch	2686		Salto Canyon	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
4177	San Luis Obispo	Chimineas Ranch	2687		Salto Canyon	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
4178	San Luis Obispo	Chimineas Ranch	2688		Salto Canyon	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
4179	San Luis Obispo	Chimineas Ranch	2689		Salto Canyon	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
4180	San Luis Obispo	Chimineas Ranch	2690		Salto Canyon	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
4181	San Luis Obispo	Chimineas Ranch	2691		Salto Canyon	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
4182	San Luis Obispo	Chimineas Ranch	2692		Salto Canyon	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
4183	San Luis Obispo	Chimineas Ranch	2693		Salto Canyon	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
4184	San Luis Obispo	Chimineas Ranch	2694		Salto Canyon	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
4185	San Luis Obispo	Chimineas Ranch	2695		Chimeneas Ranch	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
4186	San Luis Obispo	Chimineas Ranch	2696		Chimeneas Ranch	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
4187	San Luis Obispo	Chimineas Ranch	2697		Chimeneas Ranch	94-I	Caliente Mtn 15'	slide	no paleo info	Papp		
4188	San Luis Obispo	Chimineas Ranch	2785		NW corner of quad	94-I	Caliente Mtn 15'		no paleo info	Papp &		
4189	San Luis Obispo	Chimineas Ranch	2789		Salto Canyon	94-I	Caliente Mtn 15'		no paleo info	Colb		
4190	San Luis Obispo	Chimineas Ranch	2792		SE part of quad	94-I	Caliente Mtn 15'	age from map	Middle Miocene	Colb		
4191	San Luis Obispo	Chimineas Ranch	18465		Wellman Ranch	260-D	Caliente Mtn 15'		Saucesian			
4192	San Luis Obispo	Chimineas Ranch	18466		Wellman Ranch	260-D	Caliente Mtn 15'		Saucesian			
4193	San Luis Obispo	Chimineas Ranch?	1752		not found	70-L			not diagnostic	Kriz		
4194	Santa Barbara	Chimney Canyon	2048		Cuyama River Rd	69-G	Branch Mtn 15'		Zemorrian	Newbill		
4195	Santa Barbara	Chimney Canyon	2049		Cuyama River Rd	69-G	Branch Mtn 15'		no paleo info	Newbill		
4196	Santa Barbara	Chimney Canyon	2050		Cuyama River Rd	69-G	Branch Mtn 15'		Zemorrian	Newbill		
4197	Santa Barbara	Chimney Canyon	2051		Cuyama River Rd	69-G	Branch Mtn 15'		barren	Newbill		
4198	Santa Barbara	Chimney Canyon	2052		Cuyama River Rd	69-G	Branch Mtn 15'		Lower Miocene	Newbill		
4199	Santa Barbara	Chimney Canyon	2053		Cuyama River Rd	69-G	Branch Mtn 15'		Cretaceous?	Newbill		
4200	Santa Barbara	Chimney Canyon	3649	A	Cuyama River Rd	62-C	Branch Mtn 15'		Relizian	Kraetsch		
4201	Santa Barbara	Chimney Canyon	3649	B	Cuyama River Rd	62-C	Branch Mtn 15'		not diagnostic	Kraetsch		
4202	Santa Barbara	Chimney Canyon	3649	D	Cuyama River Rd	62-C	Branch Mtn 15'		poss Mohnian	Kraetsch		
4203	Santa Barbara	Chimney Canyon	3649	E	Cuyama River Rd	62-C	Branch Mtn 15'		poss Zemorrian	Kraetsch		
4204	Santa Barbara	Chimney Canyon	3649	F	Cuyama River Rd	62-C	Branch Mtn 15'		poss Zemorrian	Kraetsch		
4205	Santa Barbara	Chimney Canyon	3649	G	Cuyama River Rd	62-C	Branch Mtn 15'		Lower Zemorrian	Kraetsch		
4206	Santa Barbara	Chimney Canyon	3649	H	Cuyama River Rd	62-C	Branch Mtn 15'		Lower Zemorrian	Kraetsch		
4207	Santa Barbara	Chimney Canyon	3649	I	Cuyama River Rd	62-C	Branch Mtn 15'		Lower Zemorrian	Kraetsch		
4208	Santa Barbara	Chimney Canyon	3650		Cuyama River Rd	62-C	Branch Mtn 15'		not diagnostic	Kraetsch		
4209	Santa Cruz	Chittenden	8872		Near Tar Creek	147-E	26/11S/3E (SLP)	rubber casts	Upper? Zemorrian	Kraetsch		
4210	Santa Clara	Chittenden	8873		Pescadero Ck area	147-E		rubber casts	?Pliocene	Kraetsch		
4211	Santa Cruz	Chittenden	8875		N of Pajaro Gap	147-F		rubber casts	poss L Miocene	Kraetsch		
4212	Santa Cruz	Chittenden	8876		N of Pajaro Gap	147-F		rubber casts	Lower Miocene	Kraetsch		
4213	Santa Cruz	Chittenden	9126	RS	W of Sargent	142-N		rubber casts	Lower Mohnian	Flege		
4214	Santa Cruz	Chittenden?	7327		not found	147-B		molds	poss Mohnian	Flege		
4215	San Luis Obispo	Cholame Hills	5945		Mason Canyon	156-M	shallow or fresh	ostracods	no age provided	Salveson		
4216	San Luis Obispo	Cholame Hills	5946		Mason Canyon	156-M	shallow or fresh	echinoid spine	no age provided	Salveson		
4217	Monterey	Cholame Hills	5947		Pine Canyon	156-M	shallow water	Pancho rico	Pliocene	Salveson		
4218	Monterey	Cholame Hills	8941		Hog Canyon	140-N		rubber casts	Pliocene?	Salveson		
4219	Monterey	Cholame Hills	8942		Hog Canyon	140-N		rubber casts	Pliocene?	Salveson		
4220	Monterey	Cholame Hills	23839	9	NW corner of quad	189-C	Seis line Q 87		no paleo info			
4221	Monterey	Cholame Hills	23839	10-140	NW corner of quad	189-C	Seis line Q 87		no paleo info			
4222	Monterey	Cholame Hills	23839	10-300	NW corner of quad	189-C	Seis line Q 87		no paleo info			
4223	Monterey	Cholame Hills	23839	10-400	NW corner of quad	189-C	Seis line Q 87		no paleo info			
4224	Monterey	Cholame Hills	23839	11	NW corner of quad	189-C	Seis line Q 87		no paleo info			
4225	Monterey	Cholame Hills	23839	12	NW corner of quad	189-C	Seis line Q 87		no paleo info			
4226	Monterey	Cholame Hills	23839	13	NW corner of quad	189-C	Seis line Q 87		no paleo info			
4227	Monterey	Cholame Hills	23839	14	NW corner of quad	189-C	Seis line Q 87		no paleo info			
4228	Monterey	Cholame Hills	23839	15	NW corner of quad	189-C	Seis line Q 87		no paleo info			
4229	Monterey	Cholame Hills	23839	16	NW corner of quad	189-C	Seis line Q 87		no paleo info			
4230	Monterey	Cholame Hills	23839	17	NW corner of quad	189-C	Seis line Q 87		no paleo info			
4231	Monterey	Cholame Hills	23839	18	NW corner of quad	189-C	Seis line Q 87		no paleo info			
4232	Monterey	Cholame Hills	23839	19	NW corner of quad	189-C	Seis line Q 87		no paleo info			
4233	Monterey	Cholame Hills	23839	20	NW corner of quad	189-C	Seis line Q 87		no paleo info			
4234	Monterey	Cholame Hills	23839	21	NW corner of quad	189-C	Seis line Q 87		no paleo info			
4235	Monterey	Cholame Hills	23839	22	NW corner of quad	189-C	Seis line Q 87		no paleo info			
4236	Monterey	Cholame Hills	23839	23	NW corner of quad	189-C	Seis line Q 87		no paleo info			
4237	Monterey	Cholame Hills	23839	24	NW corner of quad	189-C	Seis line Q 87		no paleo info			
4238	Monterey	Cholame Hills	23839	25	NW corner of quad	189-D	Seis line Q 87		no paleo info			
4239	Monterey	Cholame Hills	23839	26	NW corner of quad	189-D	Seis line Q 87		no paleo info			
4240	Monterey	Cholame Hills	23839	27	NW corner of quad	189-D	Seis line Q 87		no paleo info			
4241	Monterey	Cholame Hills	23839	28	NW corner of quad	189-D	Seis line Q 87		no paleo info			
4242	Monterey	Cholame Hills	23839	29	NW corner of quad	189-D	Seis line Q 87		no paleo info			
4243	Monterey	Cholame Hills	23839	30	NW corner of quad	189-D	Seis line Q 87		no paleo info			
4244	Monterey	Cholame Hills	23839	31	NW corner of quad	189-D	Seis line Q 87		no paleo info			
4245	Monterey	Cholame Hills	23839	32	NW corner of quad	189-D	Seis line Q 87		no paleo info			
4246	Monterey	Cholame Hills	23839	33	NW corner of quad	189-D	Seis line Q 87		no paleo info			
4247	Monterey	Cholame Hills	23839	34	NW corner of quad	189-D	Seis line Q 87		no paleo info			
4248	Monterey	Cholame Hills	23839	35	NW corner of quad	189-D	Seis line Q 87		no paleo info			
4249	Monterey	Cholame Hills	23839	36	NW corner of quad	189-D	Seis line Q 87		no paleo info			
4250	Monterey	Cholame Hills	23839	37	NW corner of quad	189-D	Seis line Q 87		no paleo info			
4251	Monterey	Cholame Hills	23839	38	NW corner of quad	189-D	Seis line Q 87		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		
4337	San Luis Obispo	Cholame Hills	23842	23	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4338	San Luis Obispo	Cholame Hills	23842	24	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4339	San Luis Obispo	Cholame Hills	23842	25	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4340	San Luis Obispo	Cholame Hills	23842	26	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4341	San Luis Obispo	Cholame Hills	23842	27	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4342	San Luis Obispo	Cholame Hills	23842	28	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4343	San Luis Obispo	Cholame Hills	23842	29	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4344	San Luis Obispo	Cholame Hills	23842	30	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4345	San Luis Obispo	Cholame Hills	23842	31	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4346	San Luis Obispo	Cholame Hills	23842	32	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4347	San Luis Obispo	Cholame Hills	23842	33	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4348	San Luis Obispo	Cholame Hills	23842	34	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4349	San Luis Obispo	Cholame Hills	23842	35	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4350	San Luis Obispo	Cholame Hills	23842	36	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4351	San Luis Obispo	Cholame Hills	23842	37	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4352	San Luis Obispo	Cholame Hills	23842	38	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4353	San Luis Obispo	Cholame Hills	23842	39	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4354	San Luis Obispo	Cholame Hills	23842	40	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4355	San Luis Obispo	Cholame Hills	23842	41	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4356	San Luis Obispo	Cholame Hills	23842	42	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4357	San Luis Obispo	Cholame Hills	23842	43	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4358	San Luis Obispo	Cholame Hills	23842	44	Manzanita Canyon	189-F	Seismic line Q 90		no paleo info			
4359	Monterey	Cholame Valley	13218		NE corner of quad	75-E			poss Paleocene	Stanford		
4360	Fresno	Chounet Ranch	3256		Escarpado Canyon	29-K			U Cret D-2 zone	Porter		
4361	Glenn	Chrome	7578	1	SE of BM 766	152-E	Elk Creek 15'		Jur M zone	Welge		
4362	Glenn	Chrome	7578	2	SE of BM 766	152-E	Elk Creek 15'		?Jur M zone	Welge		
4363	Glenn	Chrome	7578	3	SE of BM 766	152-E	Elk Creek 15'	good fauna	no paleo info	Welge		
4364	Glenn	Chrome	7578	4	SE of BM 766	152-E	Elk Creek 15'		L Cret L zone	Welge		
4365	Fresno	Ciervo Mountain	154	P65	Cantua Creek	G-5	New Idria 15'	age from map	Paleocene D zone	Patchett		
4366	Fresno	Ciervo Mountain	154	P65-2	Cantua Creek	G-5	New Idria 15'	age from map	Paleocene D zone	Patchett		
4367	Fresno	Ciervo Mountain	154	P65-5	Cantua Creek	G-5	New Idria 15'	age from map	Paleocene D zone	Patchett		
4368	Fresno	Ciervo Mountain	155	P77-4	E of Arroyo Hondo	D-12	New Idria 15'		Eocene	Patchett		
4369	Fresno	Ciervo Mountain	155	P77-5	E of Arroyo Hondo	D-12	New Idria 15'		Eocene	Patchett		
4370	Fresno	Ciervo Mountain	156	P90-A	Arroyo Hondo	D-12	New Idria 15'		Eocene	Patchett		
4371	Fresno	Ciervo Mountain	156	P90B1	Arroyo Hondo	D-12	New Idria 15'		Eocene	Patchett		
4372	Fresno	Ciervo Mountain	156	P90B2	Arroyo Hondo	D-12	New Idria 15'		Eocene	Patchett		
4373	Fresno	Ciervo Mountain	156	P90C2	Arroyo Hondo	D-12	New Idria 15'		Eocene	Patchett		
4374	Fresno	Ciervo Mountain	156	CLGA1	Canoas	D-12	New Idria 15'		Eocene	Patchett		
4375	Fresno	Ciervo Mountain	156	CLGA2	Canoas	D-12	New Idria 15'		Eocene	Patchett		
4376	Fresno	Ciervo Mountain	156	CLGA3	Canoas	D-12	New Idria 15'		Eocene	Patchett		
4377	Fresno	Ciervo Mountain	156	P90C	Arroyo Hondo	G-5	New Idria 15'		Eocene	Patchett		
4378	Fresno	Ciervo Mountain	156	P90C1	Arroyo Hondo	G-5	New Idria 15'		Eocene	Patchett		
4379	San Benito	Ciervo Mountain	992	1	San Carlos Bolsa	I-10	New Idria 15'		Upper Cretaceous			
4380	San Benito	Ciervo Mountain	992	2	San Carlos Bolsa	I-10	New Idria 15'		Paleocene E zone			
4381	San Benito	Ciervo Mountain	992	3	San Carlos Bolsa	I-10	New Idria 15'		Paleocene E zone			
4382	San Benito	Ciervo Mountain	992	4	San Carlos Bolsa	I-10	New Idria 15'		? Paleocene E zone			
4383	San Benito	Ciervo Mountain	992	6	San Carlos Bolsa	I-10	New Idria 15'		Paleocene E zone			
4384	San Benito	Ciervo Mountain	993	1	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C/D zones			
4385	San Benito	Ciervo Mountain	993	2	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C/D zones			
4386	San Benito	Ciervo Mountain	993	3	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C/D zones			
4387	San Benito	Ciervo Mountain	993	4	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C/D zones			
4388	San Benito	Ciervo Mountain	993	5	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C zone			
4389	San Benito	Ciervo Mountain	993	6	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C zone			
4390	San Benito	Ciervo Mountain	993	7	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C zone			
4391	San Benito	Ciervo Mountain	993	8	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C zone			
4392	San Benito	Ciervo Mountain	994	1	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C/D zones			
4393	San Benito	Ciervo Mountain	994	2	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C/D zones			
4394	San Benito	Ciervo Mountain	994	3	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C/D zones			
4395	San Benito	Ciervo Mountain	994	4	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C/D zones			
4396	San Benito	Ciervo Mountain	994	5	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C/D zones			
4397	San Benito	Ciervo Mountain	994	6	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C/D zones			
4398	San Benito	Ciervo Mountain	994	8	San Carlos Bolsa	I-11	New Idria 15'		L Eocene C zone			
4399	San Benito	Ciervo Mountain	994	9	San Carlos Bolsa	I-11	New Idria 15'		L Eocene B/C zones			
4400	San Benito	Ciervo Mountain	994	10	San Carlos Bolsa	I-11	New Idria 15'		L Eocene B-4 zone			
4401	Fresno	Ciervo Mountain	1375		Monocline Ridge	91-B	New Idria 15'	not on map	Eocene?	Starke		
4402	Fresno	Ciervo Mountain	1376		Monocline Ridge	91-B	New Idria 15'		Eocene?	Starke		
4403	Fresno	Ciervo Mountain	1377		Monocline Ridge	91-B	New Idria 15'	glauconite	barren	Starke		
4404	Fresno	Ciervo Mountain	13890	37	Cantua Creek	181-K	New Idria 15'		no paleo info	Stoddard &		
4405	Fresno	Ciervo Mountain	13891	34	Cantua Creek	181-K	New Idria 15'		no paleo info	Stoddard &		
4406	Fresno	Ciervo Mountain	13892	35	Cantua Creek	181-K	New Idria 15'		no paleo info	Stoddard &		
4407	Fresno	Ciervo Mountain	13893	121A	Cantua Creek	181-K	New Idria 15'		no paleo info	Stoddard &		
4408	Fresno	Ciervo Mountain	13893	121B	Cantua Creek	181-K	New Idria 15'		no paleo info	Stoddard &		
4409	Fresno	Ciervo Mountain	13893	121C	Cantua Creek	181-K	New Idria 15'		no paleo info	Stoddard &		
4410	Fresno	Ciervo Mountain	13894	39	Cantua Creek	181-K	New Idria 15'		no paleo info	Stoddard &		
4411	Fresno	Ciervo Mountain	13895	38	Cantua Creek	181-K	New Idria 15'		no paleo info	Stoddard &		
4412	San Benito	Ciervo Mountain	13896	36B	Cantua Creek	181-K	New Idria 15'		no paleo info	Stoddard &		
4413	San Benito	Ciervo Mountain	22315	6	S Carlos Bolsa	260-D	New Idria 15'		no paleo info			
4414	Fresno	Ciervo Mountain	22316	1	SW part of quad	260-D	New Idria 15'		no paleo info			
4415	Fresno	Ciervo Mountain	22316	2	SW part of quad	260-D	New Idria 15'		no paleo info			
4416	Fresno	Ciervo Mountain	22317	1A	SW part of quad	260-D	New Idria 15'		no paleo info			
4417	Fresno	Ciervo Mountain	22317	4	SW part of quad	260-D	New Idria 15'		no paleo info			
4418	Fresno	Ciervo Mountain	22317	5	SW part of quad	260-D	New Idria 15'		no paleo info			
4419	Fresno	Ciervo Mountain	22317	6	SW part of quad	260-D	New Idria 15'		no paleo info			
4420	Fresno	Ciervo Mountain	22318	1A	SW part of quad	260-D	New Idria 15'		no paleo info			
4421	Fresno	Ciervo Mountain	22318	5	SW part of quad	260-D	New Idria 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		
4422	Fresno	Ciervo Mountain	22318	6	SW part of quad	260-D	New Idria 15'		no paleo info			
4423	Fresno	Ciervo Mountain	22318	7	SW part of quad	260-D	New Idria 15'		no paleo info			
4424	Fresno	Ciervo Mountain	22318	8	SW part of quad	260-D	New Idria 15'		no paleo info			
4425	Fresno	Ciervo Mountain	22318	9	SW part of quad	260-D	New Idria 15'		no paleo info			
4426	Fresno	Ciervo Mountain	22318	10	SW part of quad	260-D	New Idria 15'		no paleo info			
4427	Fresno	Ciervo Mountain	22318	11	SW part of quad	260-D	New Idria 15'		no paleo info			
4428	Fresno	Ciervo Mountain	22319		SW part of quad	260-D	New Idria 15'		no paleo info			
4429	Fresno	Ciervo Mountain	22321		SW part of quad	260-D	New Idria 15'		no paleo info			
4430	Fresno	Ciervo Mountain	22323	2	SW part of quad	260-D	New Idria 15'		no paleo info			
4431	Fresno	Ciervo Mountain	22323	3	SW part of quad	260-D	New Idria 15'		no paleo info			
4432	Fresno	Ciervo Mountain	22323	4	SW part of quad	260-D	New Idria 15'		no paleo info			
4433	Fresno	Ciervo Mountain	22323	5	SW part of quad	260-D	New Idria 15'		no paleo info			
4434	Fresno	Ciervo Mountain	22323	6	SW part of quad	260-D	New Idria 15'		no paleo info			
4435	Fresno	Ciervo Mountain	22323	7	SW part of quad	260-E	New Idria 15'		no paleo info			
4436	Fresno	Ciervo Mountain	22323	8	SW part of quad	260-E	New Idria 15'		no paleo info			
4437	Fresno	Ciervo Mountain	22424	1	SW part of quad	260-E	New Idria 15'		no paleo info			
4438	Fresno	Ciervo Mountain	22325	1	SW part of quad	260-E	New Idria 15'		no paleo info			
4439	Fresno	Ciervo Mountain	22325	2	SW part of quad	260-E	New Idria 15'		no paleo info			
4440	Fresno	Ciervo Mountain	22325	3	SW part of quad	260-E	New Idria 15'		no paleo info			
4441	Fresno	Ciervo Mountain	22327		SW part of quad	260-E	New Idria 15'		no paleo info			
4442	Fresno	Ciervo Mountain	22330	1	SC part of quad	260-E	New Idria 15'		no paleo info			
4443	Fresno	Ciervo Mountain	22330	1B	SC part of quad	260-E	New Idria 15'		no paleo info			
4444	Fresno	Ciervo Mountain	22330	1C	SC part of quad	260-E	New Idria 15'		no paleo info			
4445	Fresno	Ciervo Mountain	22330	2	SC part of quad	260-E	New Idria 15'		no paleo info			
4446	Fresno	Ciervo Mountain	22330	3	SC part of quad	260-E	New Idria 15'		no paleo info			
4447	Fresno	Ciervo Mountain	22330	4	SC part of quad	260-E	New Idria 15'		no paleo info			
4448	Fresno	Ciervo Mountain	22330	5	SC part of quad	260-E	New Idria 15'		no paleo info			
4449	Fresno	Ciervo Mountain	22332	1	SE corner of quad	260-E	New Idria 15'		no paleo info			
4450	Fresno	Ciervo Mountain	22332	2	SE corner of quad	260-E	New Idria 15'		no paleo info			
4451	Fresno	Ciervo Mountain	22332	3	SE corner of quad	260-E	New Idria 15'		no paleo info			
4452	Fresno	Ciervo Mountain	22332	4A	SE corner of quad	260-E	New Idria 15'		no paleo info			
4453	Fresno	Ciervo Mountain	22333	1	SE corner of quad	260-E	New Idria 15'		no paleo info			
4454	Fresno	Ciervo Mountain	22333	2	SE corner of quad	260-E	New Idria 15'		no paleo info			
4455	Fresno	Ciervo Mountain	22333	1C	SE corner of quad	260-E	New Idria 15'		no paleo info			
4456	Fresno	Ciervo Mountain	22333	1A	SE corner of quad	260-E	New Idria 15'		no paleo info			
4457	Fresno	Ciervo Mountain	22333	3	SE corner of quad	260-E	New Idria 15'		no paleo info			
4458	Fresno	Ciervo Mountain	22333	1B	SE corner of quad	260-E	New Idria 15'		no paleo info			
4459	Fresno	Ciervo Mountain	22333	4	SE corner of quad	260-E	New Idria 15'		no paleo info			
4460	Fresno	Ciervo Mountain	22333	5	SE corner of quad	260-E	New Idria 15'		no paleo info			
4461	Fresno	Ciervo Mountain	22334		SE corner of quad	260-E	New Idria 15'		no paleo info			
4462	Fresno	Ciervo Mountain	22896		NW part of quad	251-A	New Idria 15'		no paleo info			
4463	Fresno	Ciervo Mountain	22897		NW part of quad	251-A	New Idria 15'		no paleo info			
4464	Fresno	Ciervo Mountain	23699	A	NW part of quad	138-I	New Idria 15'	area H-3	Eocene			
4465	Fresno	Ciervo Mountain?	162	P149A	not on map	G-5	New Idria 15'		Eocene	Patchett		
4466	Fresno	Ciervo Mountain?	162	P149B	not on map	G-5	New Idria 15'		Eocene	Patchett		
4467	Fresno	Ciervo Mountain?	162	P149C	not on map	G-5	New Idria 15'		Eocene	Patchett		
4468	Fresno	Ciervo Mountain?	163	P151	not on map	G-5	New Idria 15'		Eocene	Patchett		
4469	Fresno	Ciervo Mountain?	163	P151A1	not on map	G-5	New Idria 15'		Eocene	Patchett		
4470	Fresno	Ciervo Mountain?	163	P151A3	not on map	G-5	New Idria 15'		Eocene	Patchett		
4471	Fresno	Ciervo Mountain?	164	P174-1	not on map	G-5	New Idria 15'		Eocene	Patchett		
4472	Fresno	Ciervo Mountain?	164	P174-2	not on map	G-5	New Idria 15'		Eocene	Patchett		
4473	Fresno	Ciervo Mountain?	164	P174-3	not on map	G-5	New Idria 15'		Eocene	Patchett		
4474	Fresno	Ciervo Mountain?	164	P174-4	not on map	G-5	New Idria 15'		Eocene	Patchett		
4475	Contra Costa	Clayton	169	22	Markley Canyon	E-5	Mt Diablo 15'	Domengine	not diagnostic	Weddle		
4476	Contra Costa	Clayton	169	23	Markley Canyon	E-5	Mt Diablo 15'	Nortonville	not diagnostic	Weddle		
4477	Contra Costa	Clayton	169	33	EC part of quad	E-5	Mt Diablo 15'		Eocene	Weddle		
4478	Contra Costa	Clayton	169	35	EC part of quad	E-5	Mt Diablo 15'		Eocene	Weddle		
4479	Contra Costa	Clayton	169	36	EC part of quad	E-5	Mt Diablo 15'		Eocene	Weddle		
4480	Contra Costa	Clayton	169	37	EC part of quad	E-5	Mt Diablo 15'		Eocene	Weddle		
4481	Contra Costa	Clayton	169	38	EC part of quad	E-5	Mt Diablo 15'		Eocene	Weddle		
4482	Contra Costa	Clayton	169	39	EC part of quad	E-5	Mt Diablo 15'		Eocene	Weddle		
4483	Contra Costa	Clayton	169	40	EC part of quad	E-5	Mt Diablo 15'		U Cret F-1 zone	Weddle		
4484	Contra Costa	Clayton	169	41	EC part of quad	E-5	flood radiolaria		barren	Weddle		
4485	Contra Costa	Clayton	169	42	EC part of quad	E-5	Mt Diablo 15'		Eocene	Weddle		
4486	Contra Costa	Clayton	169	43	EC part of quad	E-5	Mt Diablo 15'		no paleo info	Weddle		
4487	Contra Costa	Clayton	169	44	EC part of quad	E-5	Mt Diablo 15'		Eocene	Weddle		
4488	Contra Costa	Clayton	169	45	EC part of quad	E-5	Mt Diablo 15'		barren	Weddle		
4489	Contra Costa	Clayton	169	46	EC part of quad	E-5	Mt Diablo 15'		barren	Weddle		
4490	Contra Costa	Clayton	169	47	EC part of quad	E-5	Mt Diablo 15'		not diagnostic	Weddle		
4491	Contra Costa	Clayton	169	48	EC part of quad	E-5	Mt Diablo 15'		not diagnostic	Weddle		
4492	Contra Costa	Clayton	169	49	EC part of quad	E-5	Mt Diablo 15'		not diagnostic	Weddle		
4493	Contra Costa	Clayton	180	205	Nortonville site	E-13	Not on map but	Nortonv. sh	Eocene	Solari		
4494	Contra Costa	Clayton	180	206	Nortonville site	E-13	strat column	Nortonv. sh	Eocene	Solari		
4495	Contra Costa	Clayton	180	207	Nortonville site	E-13	indicates localities	Nortonv. sh	Eocene	Solari		
4496	Contra Costa	Clayton	180	208	Nortonville site	E-13	are in Section 5,	Nortonv. sh	Eocene	Solari		
4497	Contra Costa	Clayton	180	209	Nortonville site	E-13	T1N, R1E.	Nortonv. sh	Eocene	Solari		
4498	Contra Costa	Clayton	180	210	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4499	Contra Costa	Clayton	180	211	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4500	Contra Costa	Clayton	180	212	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4501	Contra Costa	Clayton	180	213	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4502	Contra Costa	Clayton	180	214	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4503	Contra Costa	Clayton	180	215	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4504	Contra Costa	Clayton	180	216	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4505	Contra Costa	Clayton	180	217	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4506	Contra Costa	Clayton	180	218	Nortonville site	E-13		Nortonv. sh	Eocene	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		
4507	Contra Costa	Clayton	180	256	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4508	Contra Costa	Clayton	180	257	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4509	Contra Costa	Clayton	180	258	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4510	Contra Costa	Clayton	180	259	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4511	Contra Costa	Clayton	180	260	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4512	Contra Costa	Clayton	180	261	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4513	Contra Costa	Clayton	180	262	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4514	Contra Costa	Clayton	180	263	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4515	Contra Costa	Clayton	180	264	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4516	Contra Costa	Clayton	180	265	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4517	Contra Costa	Clayton	180	268	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4518	Contra Costa	Clayton	180	269	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4519	Contra Costa	Clayton	180	270	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4520	Contra Costa	Clayton	180	298	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4521	Contra Costa	Clayton	180	299	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4522	Contra Costa	Clayton	180	300	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4523	Contra Costa	Clayton	180	301	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4524	Contra Costa	Clayton	180	302	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4525	Contra Costa	Clayton	180	303	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4526	Contra Costa	Clayton	180	304	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4527	Contra Costa	Clayton	180	305	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4528	Contra Costa	Clayton	180	306	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4529	Contra Costa	Clayton	180	307	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4530	Contra Costa	Clayton	180	308	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4531	Contra Costa	Clayton	180	309	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4532	Contra Costa	Clayton	180	310	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4533	Contra Costa	Clayton	180	311	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4534	Contra Costa	Clayton	180	312	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4535	Contra Costa	Clayton	180	313	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4536	Contra Costa	Clayton	180	314	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4537	Contra Costa	Clayton	180	315	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4538	Contra Costa	Clayton	180	316	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4539	Contra Costa	Clayton	180	317	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4540	Contra Costa	Clayton	180	318	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4541	Contra Costa	Clayton	180	319	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4542	Contra Costa	Clayton	180	320	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4543	Contra Costa	Clayton	180	321	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4544	Contra Costa	Clayton	180	328	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4545	Contra Costa	Clayton	180	329	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4546	Contra Costa	Clayton	180	330	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4547	Contra Costa	Clayton	180	331	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4548	Contra Costa	Clayton	180	332	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4549	Contra Costa	Clayton	180	333	Nortonville site	E-13		Nortonv. sh	Eocene	Solari		
4550	Contra Costa	Clayton	180	334	Nortonville site	E-14		Nortonv. sh	Eocene	Solari		
4551	Contra Costa	Clayton	180	335	Nortonville site	E-14		Nortonv. sh	Eocene	Solari		
4552	Contra Costa	Clayton	180	336	Nortonville site	E-14		Nortonv. sh	Eocene	Solari		
4553	Contra Costa	Clayton	180	337	Nortonville site	E-14		Nortonv. sh	Eocene	Solari		
4554	Contra Costa	Clayton	180	338	Nortonville site	E-14		Nortonv. sh	Eocene	Solari		
4555	Contra Costa	Clayton	180	339	Nortonville site	E-14		Nortonv. sh	Eocene	Solari		
4556	Contra Costa	Clayton	180	340	Nortonville site	E-14		Nortonv. sh	Eocene	Solari		
4557	Contra Costa	Clayton	180	341	Nortonville site	E-14		Nortonv. sh	Eocene	Solari		
4558	Contra Costa	Clayton	180	342	Nortonville site	E-14		Nortonv. sh	Eocene	Solari		
4559	Contra Costa	Clayton	645		Kellogg	A-9	5/1N/1E		Eocene			
4560	Contra Costa	Clayton	646			A-9	not on map		barren			
4561	Contra Costa	Clayton	818	645	S of Nortonville	A-12	SW4- 5/1N/1E	not on map	Eocene	Solari		
4562	Contra Costa	Clayton	819	647	S of Nortonville	A-12	NW4- 8/1N/1E	not on map	not diagnostic	Solari		
4563	Contra Costa	Clayton	826	705	1 mi NE of Clayton	A-12	NE4-12/1N/1W	not on map	no paleo info	Solari		
4564	Contra Costa	Clayton	827	706	1 mi NE of Clayton	A-12	NE4-12/1N/1W	not on map	not diagnostic	Solari		
4565	Contra Costa	Clayton	828	707	1 mi NE of Clayton	A-12	NE4-12/1N/1W	abun rads	not diagnostic	Solari		
4566	Contra Costa	Clayton	831	733	SW of Nortonville	A-12	SE4-7/1N/1E	from SLURP	Zemorian	Solari		
4567	Contra Costa	Clayton	831	734	SW of Nortonville	A-12	SE4-7/1N/1E	from SLURP	no paleo info	Solari		
4568	Contra Costa	Clayton	831	735	SW of Nortonville	A-12	SE4-7/1N/1E	from SLURP	no paleo info	Solari		
4569	Contra Costa	Clayton	841	696	SW of Nortonville	A-12	Meganos C	NW4-8/1N/1E	Eocene	Solari		
4570	Contra Costa	Clayton	842	697	SW of Nortonville	A-12	Meganos C	NW4-8/1N/1E	Eocene	Solari		
4571	Contra Costa	Clayton	6771		SE part of quad	82-B			no paleo info			
4572	Contra Costa	Clayton	11520		S of Nortonville	209-H			no paleo info	Young		
4573	Contra Costa	Clayton	11564		W of Clayton	226-E	8/1N/1W (SLP)	SLURP age	Lower Cretaceous	Huppi		
4574	Contra Costa	Clayton	11564	A	W of Clayton	226-E	8/1N/1W (SLP)	SLURP age	Lower Cretaceous	Huppi		
4575	Contra Costa	Clayton	11565		W of Clayton	226-E	17/1N/1W (SLP)	SLURP age	Lower Cretaceous	Huppi		
4576	Contra Costa	Clayton	11566		Mt Diablo	226-E	17/1N/1W (SLP)	SLURP age	Lower Cretaceous	Huppi		
4577	Contra Costa	Clayton	11567		Mt Diablo	226-E	8/1N/1W (SLP)	SLURP age	Lower Cretaceous	Huppi		
4578	Contra Costa	Clayton	11569		Mt Diablo	226-E	5/1N/1W (SLP)	SLURP age	Tertiary	Huppi		
4579	Contra Costa	Clayton	11570		Mt Diablo	226-E	5/1N/1W (SLP)	SLURP age	not diagnostic	Huppi		
4580	Contra Costa	Clayton	11571		Mt Diablo	226-E	17/1N/1W (SLP)	SLURP age	no paleo info	Huppi		
4581	Contra Costa	Clayton	11572		W of Clayton	226-E	9/1N/1W (SLP)	SLURP age	Lower Cretaceous	Huppi		
4582	Contra Costa	Clayton	11572	A	W of Clayton	226-E	9/1N/1W (SLP)	SLURP age	Lower Cretaceous	Huppi		
4583	Contra Costa	Clayton	11573		W of Clayton	226-E	10/1N/1W (SLP)	SLURP age	Lower Cretaceous	Huppi		
4584	Contra Costa	Clayton	11574		not found	226-E	9/1N/1W (SLP)	SLURP age	not diagnostic	Huppi		
4585	Contra Costa	Clayton	11575		Mt Diablo	226-E	9/1N/1W (SLP)	SLURP age	not diagnostic	Huppi		
4586	Contra Costa	Clayton	21363	etc 551	SE corner of quad	208-D			Cretaceous	Colburn		
4587	Contra Costa	Clayton	21363	551RS	SE corner of quad	none		resample	L Cret J-1 zone	Berry		
4588	Contra Costa	Clayton	21364	553	SE corner of quad	208-D			Cretaceous	Colburn		
4589	Contra Costa	Clayton	21364	553RS	SE corner of quad	none		resample	L Cret J-1 zone	Berry		
4590	Contra Costa	Clayton	21383	581	Clayton Road	208-E			U Cret H or older	Colburn		
4591	Contra Costa	Clayton	21384	582	Clayton Road	208-E			U Cret H or older	Colburn		

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		
4592	Contra Costa	Clayton	21388	118	Castle Rock Park	208-E			Eocene B-1 zone	Colburn		
4593	Contra Costa	Clayton	21392	249	Nortonville	208-E			Paleocene D zone	Colburn		
4594	Contra Costa	Clayton	21393	117	Castle Rock Park	208-E			Eocene B-1 zone	Colburn		
4595	Contra Costa	Clayton	21394	222	Mitchell Creek	208-E			Lower Cretaceous	Colburn		
4596	Contra Costa	Clayton	21395	245	Nortonville	208-E			Paleocene D zone	Colburn		
4597	Contra Costa	Clayton	22742	8	S of Nortonville	248-M	sa Antioch South		no paleo info			
4598	Contra Costa	Clayton	22742	8A	S of Nortonville	248-M	sa Antioch South		no paleo info			
4599	Contra Costa	Clayton	22743		S of Nortonville	248-M	sa Antioch South		no paleo info			
4600	Contra Costa	Clayton	22743		S of Nortonville	248-M	sa Antioch South		no paleo info			
4601	Contra Costa	Clayton	22744		S of Nortonville	248-M	sa Antioch South		no paleo info			
4602	Contra Costa	Clayton	22912	1	Nortonville	247-G	Mt Diablo 15'	area E-2	no paleo info			
4603	Contra Costa	Clayton	22912	2	Nortonville	247-G	Mt Diablo 15'		no paleo info			
4604	Contra Costa	Clayton	22912	3	Nortonville	247-G	Mt Diablo 15'		no paleo info			
4605	Contra Costa	Clayton	22912	4	Nortonville	247-G	Mt Diablo 15'		no paleo info			
4606	Contra Costa	Clayton	22912	5	Nortonville	247-G	Mt Diablo 15'		no paleo info			
4607	Contra Costa	Clayton	22912	6	Nortonville	247-G	Mt Diablo 15'		no paleo info			
4608	Alameda	Clifton Court Forebay	21528		SW part quad	226-D		age from map	U Cret F-2 zone	Colburn		
4609	Alameda	Clifton Court Forebay	21529		SW part quad	226-D		age from map	barren	Colburn		
4610	Alameda	Clifton Court Forebay	21532		SW part quad	226-D		age from map	U Cret F-2 zone	Colburn		
4611	Alameda	Clifton Court Forebay	21535		SW part quad	226-D		age from map	U Cret F-2 zone	Colburn		
4612	Alameda	Clifton Court Forebay	21536		SW part quad	226-D		age from map	U Cret F-2 zone	Colburn		
4613	Alameda	Clifton Court Forebay	21537		SW part quad	226-D		age from map	?U Cret F-2 zone	Colburn		
4614	Alameda	Clifton Court Forebay	21538		SW part quad	226-D		age from map	?U Cret F-2 zone	Colburn		
4615	Shasta	Clough Gulch	235	R24	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
4616	Shasta	Clough Gulch	235	R25	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
4617	Shasta	Clough Gulch	235	R26	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
4618	Shasta	Clough Gulch	235	R27	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
4619	Shasta	Clough Gulch	235	R28	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
4620	Shasta	Clough Gulch	235	R29	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
4621	Shasta	Clough Gulch	235	R30	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
4622	Shasta	Clough Gulch	235	R31	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
4623	Shasta	Clough Gulch	235	R32	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
4624	Shasta	Clough Gulch	235	R33	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
4625	Shasta	Clough Gulch	235	R34	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
4626	Shasta	Clough Gulch	235	R35	South Cow Creek	151-E	Millville 15'	not on map	not diagnostic			
4627	Shasta	Clough Gulch	7595	0	Clover Creek	150-F	see strat column	32N/2W	U Cret G-1 zone	Welge		
4628	Shasta	Clough Gulch	7595	1	Clover Creek	150-F	loc # 750		U Cret G-1 zone	Welge		
4629	Shasta	Clough Gulch	7595	2	Clover Creek	150-F	Millville 15'		U Cret G-1 zone	Welge		
4630	Shasta	Clough Gulch	7595	3	Clover Creek	150-F	Millville 15'		U Cret G-1 zone	Welge		
4631	Shasta	Clough Gulch	7595	4	Clover Creek	150-F	Millville 15'		U Cret G-1 zone	Welge		
4632	Shasta	Clough Gulch	7595	5	Clover Creek	150-F	Millville 15'		U Cret G-1 zone	Welge		
4633	Shasta	Clough Gulch	7595	6	Clover Creek	150-F	Millville 15'		U Cret G-1 zone	Welge		
4634	Shasta	Clough Gulch	7595	7	Clover Creek	150-F	Millville 15'		U Cret G-1 zone	Welge		
4635	Shasta	Clough Gulch	7595	8	Clover Creek	150-F	Millville 15'		U Cret G-1 zone	Welge		
4636	Shasta	Clough Gulch	7595	9	Clover Creek	150-F	Millville 15'		U Cret G-1 zone	Welge		
4637	Shasta	Clough Gulch	7595	10	Clover Creek	150-F	Millville 15'		U Cret G-1 zone	Welge		
4638	Shasta	Clough Gulch	7595	11	Clover Creek	150-F	Millville 15'		U Cret G-1 zone	Welge		
4639	Shasta	Clough Gulch	7595	12	Clover Creek	150-F	Millville 15'		U Cret G-1 zone	Welge		
4640	Shasta	Clough Gulch	7595	13	Clover Creek	150-F	Millville 15'		U Cret G-1 zone	Welge		
4641	Shasta	Clough Gulch	7595	14	Clover Creek	150-F	Millville 15'		U Cret G-1 zone	Welge		
4642	Shasta	Clough Gulch	7595	15	Clover Creek	150-F	Millville 15'		U Cret G-1 zone	Welge		
4643	Shasta	Clough Gulch	7595	16	Clover Creek	150-F	Millville 15'		U Cret G-1 zone	Welge		
4644	Shasta	Clough Gulch	7596	0	Old Cow Creek	151-K	see strat column	31N/3W	U Cret G-1 zone	Welge		
4645	Shasta	Clough Gulch	7596	1	Old Cow Creek	151-K	loc # 750		U Cret G-1 zone	Welge		
4646	Shasta	Clough Gulch	7596	2	Old Cow Creek	151-K	Millville 15'		U Cret G-1 zone	Welge		
4647	Shasta	Clough Gulch	7596	3	Old Cow Creek	151-K	Millville 15'		U Cret G-1 zone	Welge		
4648	Shasta	Clough Gulch	7596	4	Old Cow Creek	151-K	Millville 15'		U Cret G-1 zone	Welge		
4649	Shasta	Clough Gulch	7596	5	Old Cow Creek	151-K	Millville 15'		U Cret F-1/G-1	Welge		
4650	Shasta	Clough Gulch	7596	6	Old Cow Creek	151-K	Millville 15'		U Cret F-1/G-1	Welge		
4651	Shasta	Clough Gulch	7596	8	Old Cow Creek	151-K	Millville 15'		not diagnostic	Welge		
4652	Shasta	Clough Gulch	7596	10	Old Cow Creek	151-K	Millville 15'		U Cret F-1/G-1	Welge		
4653	Shasta	Clough Gulch	7596	11	Old Cow Creek	151-K	Millville 15'		U Cret F-1/G-1	Welge		
4654	Shasta	Clough Gulch	7596	12	Old Cow Creek	151-K	Millville 15'		U Cret F-1/G-1	Welge		
4655	Shasta	Clough Gulch	7596	13	Old Cow Creek	151-K	Millville 15'		U Cret F-1/G-1	Welge		
4656	Shasta	Clough Gulch	7596	14	Old Cow Creek	151-K	Millville 15'		U Cret F-1/G-1	Welge		
4657	Shasta	Clough Gulch	7596	15	Old Cow Creek	151-K	Millville 15'		not diagnostic	Welge		
4658	Shasta	Clough Gulch	7596	18	Old Cow Creek	151-K	Millville 15'		U Cret F-1/G-1	Welge		
4659	Shasta	Clough Gulch	7596	19	Old Cow Creek	151-K	Millville 15'		U Cret F-1/G-1	Welge		
4660	Shasta	Clough Gulch	7596	20	Old Cow Creek	151-K	Millville 15'		U Cret F-1/G-1	Welge		
4661	Shasta	Clough Gulch	7596	21	Old Cow Creek	151-K	Millville 15'		U Cret F-1/G-1	Welge		
4662	Shasta	Clough Gulch	7596	22	Old Cow Creek	151-K	Millville 15'		U Cret F-1/G-1	Welge		
4663	Shasta	Clough Gulch	7596	23	Old Cow Creek	151-K	Millville 15'		U Cret F-1/G-1	Welge		
4664	Shasta	Clough Gulch	7596	24	Old Cow Creek	151-K	Millville 15'		U Cret F-1/G-1	Welge		
4665	Shasta	Clough Gulch	7596	25	Old Cow Creek	151-K	Millville 15'		no paleo info	Welge		
4666	Shasta	Clough Gulch	7596	26	Old Cow Creek	151-K	Millville 15'		no paleo info	Welge		
4667	Shasta	Clough Gulch	7596	27	Old Cow Creek	151-K	Millville 15'		Upper Cretaceous	Welge		
4668	Shasta	Clough Gulch	7596	28	Old Cow Creek	151-K	Millville 15'		U Cret G-1 zone	Welge		
4669	Shasta	Clough Gulch	7596	29	Old Cow Creek	151-K	Millville 15'		U Cret G-1 zone	Welge		
4670	Shasta	Clough Gulch	7596	30	Old Cow Creek	151-K	Millville 15'		U Cret G-1 zone	Welge		
4671	Shasta	Clough Gulch	7596	31	Old Cow Creek	151-K	Millville 15'		no paleo info	Welge		
4672	Shasta	Clough Gulch	7596	35	Old Cow Creek	151-K	Millville 15'		U Cret G-1 zone	Welge		
4673	Shasta	Clough Gulch	7596	36	Old Cow Creek	151-K	Millville 15'		U Cret G-1 zone	Welge		
4674	Shasta	Clough Gulch	7596	37	Old Cow Creek	151-K	Millville 15'		U Cret G-1 zone	Welge		
4675	Shasta	Clough Gulch	7596	39	Old Cow Creek	151-K	Millville 15'		Upper Cretaceous	Welge		
4676	Shasta	Clough Gulch	11111	1	Cow Creek	152-N	Millville 15'		not diagnostic	Welge		

	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		
4762	Ventura	Cobblestone Mountain	167	41	Lower Piru Ck	50-J	check list		Paleocene			
4763	Ventura	Cobblestone Mountain	167	42	Lower Piru Ck	50-J	check list		Paleocene			
4764	Ventura	Cobblestone Mountain	167	43	Lower Piru Ck	50-J	check list		Paleocene			
4765	Ventura	Cobblestone Mountain	167	44	Lower Piru Ck	50-J	check list		Paleocene			
4766	Ventura	Cobblestone Mountain	167	45	Lower Piru Ck	50-J	check list		Paleocene			
4767	Ventura	Cobblestone Mountain	167	46	Lower Piru Ck	50-J	check list		Paleocene			
4768	Ventura	Cobblestone Mountain	167	47	Lower Piru Ck	50-J	check list		Paleocene			
4769	Ventura	Cobblestone Mountain	167	48	Lower Piru Ck	50-J	check list		Paleocene			
4770	Ventura	Cobblestone Mountain	167	49	Lower Piru Ck	50-J	check list		Paleocene			
4771	Ventura	Cobblestone Mountain	167	50	Lower Piru Ck	50-J	check list		Paleocene			
4772	Ventura	Cobblestone Mountain	167	51	Lower Piru Ck	50-K	check list		Paleocene			
4773	Ventura	Cobblestone Mountain	167	52	Lower Piru Ck	50-K	check list		Paleocene			
4774	Ventura	Cobblestone Mountain	167	53	Lower Piru Ck	50-K	check list		Paleocene			
4775	Ventura	Cobblestone Mountain	167	54	Lower Piru Ck	50-K	check list		Paleocene			
4776	Ventura	Cobblestone Mountain	167	55	Lower Piru Ck	50-K	check list		Paleocene			
4777	Ventura	Cobblestone Mountain	167	56	Lower Piru Ck	50-K	check list		Paleocene			
4778	Ventura	Cobblestone Mountain	167	57	Lower Piru Ck	50-K	check list		Paleocene			
4779	Ventura	Cobblestone Mountain	167	58	Lower Piru Ck	50-K	check list		Paleocene			
4780	Ventura	Cobblestone Mountain	167	59	Lower Piru Ck	50-K	check list		Eocene			
4781	Ventura	Cobblestone Mountain	167	60	Lower Piru Ck	50-K	check list		Eocene			
4782	Ventura	Cobblestone Mountain	167	61	Lower Piru Ck	50-K	check list		Eocene			
4783	Ventura	Cobblestone Mountain	167	62	Lower Piru Ck	50-K	check list		Eocene			
4784	Ventura	Cobblestone Mountain	167	63	Lower Piru Ck	50-K	check list		Eocene			
4785	Ventura	Cobblestone Mountain	167	64	Lower Piru Ck	50-K	check list		Eocene			
4786	Ventura	Cobblestone Mountain	167	65	Lower Piru Ck	50-K	check list		Eocene			
4787	Ventura	Cobblestone Mountain	167	66	Lower Piru Ck	50-K	check list		Eocene			
4788	Ventura	Cobblestone Mountain	167	69	Lower Piru Ck	50-K	check list		Eocene			
4789	Ventura	Cobblestone Mountain	167	71	Lower Piru Ck	50-K	check list		Eocene			
4790	Ventura	Cobblestone Mountain	167	72	Lower Piru Ck	50-K	check list		Eocene			
4791	Ventura	Cobblestone Mountain	167	73	Lower Piru Ck	50-K	check list		Eocene			
4792	Ventura	Cobblestone Mountain	167	74	Lower Piru Ck	50-K	check list		Eocene			
4793	Ventura	Cobblestone Mountain	167	75	Lower Piru Ck	50-K	check list		Eocene			
4794	Ventura	Cobblestone Mountain	167	76	Lower Piru Ck	50-K	check list		Eocene			
4795	Ventura	Cobblestone Mountain	167	77	Lower Piru Ck	50-K	check list		Eocene			
4796	Ventura	Cobblestone Mountain	167	78	Lower Piru Ck	50-K	check list		Eocene			
4797	Ventura	Cobblestone Mountain	167	81	Lower Piru Ck	50-K	check list		Eocene			
4798	Ventura	Cobblestone Mountain	167	82	Lower Piru Ck	50-K	check list		Eocene			
4799	Ventura	Cobblestone Mountain	167	83	Lower Piru Ck	50-K	check list		Eocene			
4800	Ventura	Cobblestone Mountain	167	84	Lower Piru Ck	50-K	check list		Eocene			
4801	Ventura	Cobblestone Mountain	167	85	Lower Piru Ck	50-K	check list		Eocene			
4802	Ventura	Cobblestone Mountain	167	86	Lower Piru Ck	50-K	check list		Eocene			
4803	Monterey	Cone Peak	5684		Garrizo Creek	121-E	Junipero Serra 15'		Paleocene E zone	Ortalda & W		
4804	Monterey	Cone Peak	5685		Garrizo Creek	121-E	Junipero Serra 15'		Paleocene E Zone	Ortalda & W		
4805	Monterey	Cone Peak	5686		Merle Ranch	121-E	Junipero Serra 15'		Paleocene E zone	Ortalda & W		
4806	Monterey	Cone Peak	5688		Merle Ranch	121-E	Junipero Serra 15'		Paleocene E zone	Wright		
4807	Monterey	Cone Peak	5690		Arroyo Seco	121-E	Junipero Serra 15'		prob L Miocene	Ortalda & W		
4808	Monterey	Cone Peak	5691		Arroyo Seco	121-E	Junipero Serra 15'		prob L Miocene	Ortalda & W		
4809	Monterey	Cone Peak	7001		E of BM 1579	4-N			U Cret/Paleocene	Stanford		
4810	Monterey	Cone Peak	7002		NW of BM 1579	4-N		also pollen	U Cret/Paleocene	Stanford		
4811	Monterey	Cone Peak	7003		NW of BM 1579	4-N		also pollen	U Cret/Paleocene	Stanford		
4812	Monterey	Cone Peak	7004		W of BM 1579	4-N			Paleocene	Stanford		
4813	Monterey	Cone Peak	7006		NE of BM 2086	4-N			not diagnostic	Stanford		
4814	Monterey	Cone Peak	7009		N of BM 1857	4-N			Eocene	Stanford		
4815	Monterey	Cone Peak	7011		S of BM 1857	4-N			Zemorian	Stanford		
4816	Monterey	Cone Peak	7012		S of BM 1857	4-N			Zemorian	Stanford		
4817	Monterey	Cone Peak	7013		E of BM 1857	4-N			Saucesian			
4818	Monterey	Cone Peak	7017		Near Avila Ranch	4-N			Upper Cretaceous	Stanford		
4819	Monterey	Cone Peak	7018		Near BM 1984	4-N			U Cret/Paleocene	Stanford		
4820	Monterey	Cone Peak	7019		SW of BM 1984	4-N		also NP	U Cretaceous	Stanford		
4821	Monterey	Cone Peak	7020		SE of BM 1984	4-N			not diagnostic	Stanford		
4822	Monterey	Cone Peak	7021		SE of BM 1984	4-N		also NP	not diagnostic	Stanford		
4823	Monterey	Cone Peak	7022		Pinal Creek	4-N			Miocene/Pliocene	Stanford		
4824	Monterey	Cone Peak	7023		E of BM 1579	4-N			U Cret/Paleocene	Stanford		
4825	Monterey	Cone Peak	7024		Rattlesnake Creek	4-N			U Cret/Paleocene	Stanford		
4826	Monterey	Cone Peak	7026		Rattlesnake Creek	4-N			U Cret/Paleocene	Stanford		
4827	Monterey	Cone Peak	7027		not on map	4-N			U Cret/Paleocene	Stanford		
4828	Monterey	Cone Peak	11215		not on map	I-7	ANL 4-70	com planktics	Eocene	Stanford		
4829	Monterey	Cone Peak	11216		not on map	I-7	ANL 5-3		not diagnostic	Stanford		
4830	Monterey	Cone Peak	11217		NE of The Indians	I-7	ARP 2-40		Middle Miocene	Stanford		
4831	Monterey	Cone Peak	11219		S of Avila Ranch	I-7	CMT 21-3		Cret/Paleocene	Stanford		
4832	Monterey	Cone Peak	11221		W of Avila Ranch	I-7	CMT 21-16	U Cret NP	prob U Cretaceous	Stanford		
4833	Monterey	Cone Peak	11225		N of The Indians	I-7	ESN 1-19		Zemorian	Stanford		
4834	Monterey	Cone Peak	11226		N of The Indians	I-7	ESM 1-20		Lower Relizian	Stanford		
4835	Monterey	Cone Peak	11229		E of The Indians	I-7	FJO 4-5		L or M Miocene	Stanford		
4836	Monterey	Cone Peak	11230		N Fork SA River	I-7	FJO 4-21		Eocene	Stanford		
4837	Monterey	Cone Peak	11231		N Fork SA River	I-7	FJO 4-22		Cret/Paleoc	Stanford		
4838	Monterey	Cone Peak	11232		Rattlesnake Ck	I-7	FJO 4-30		Luisian	Stanford		
4839	Monterey	Cone Peak	11233		N Fork SA River	I-7	FJO 4-32		Cret/Paleocene	Stanford		
4840	Monterey	Cone Peak	11234		N of The Indians	I-7	ICW 1-9		Middle Miocene	Stanford		
4841	Monterey	Cone Peak	11235		N of The Indians	I-7	ICW 1-21		Nariz/Zemorian	Stanford		
4842	Monterey	Cone Peak	11236		S of The Indians	I-7	ICW 7-95		Refug/Zemorian	Stanford		
4843	Monterey	Cone Peak	11237		S of The Indians	I-7	ICW 7-98		Nariz/Zemorian	Stanford		
4844	Monterey	Cone Peak	11238		Rattlesnake Ck	I-7	JDR 5-4		prob Luisian	Stanford		
4845	Monterey	Cone Peak	11239		N Fork SA River	I-7	JDR 5-23		Cret/Paleocene	Stanford		
4846	Monterey	Cone Peak	11241		Junipero Serra	I-7	JWF 1-95		Nariz/Zemorian	Stanford		

	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		
4847	Monterey	Cone Peak	11243		Pinal Creek	I-7	JWS 6-17		Luisian	Stanford		
4848	Monterey	Cone Peak	11250		Wizard Gulch	I-7	RJT 16-26		Cret/Paleocene	Stanford		
4849	Monterey	Cone Peak	11251		Pinal Creek	I-7	SAT 5-12		Cret/Paleocene	Stanford		
4850	Monterey	Cone Peak	11252		Pinal Creek	I-7	TCH 6-13		Luisian	Stanford		
4851	Monterey	Cone Peak	11254		Pinal Creek	I-7	TCH 6-25		not diagnostic	Stanford		
4852	Monterey	Cone Peak	11255		S of SL Mem Park	I-7	TCH 10-3		Refug/Zemorrian	Stanford		
4853	Monterey	Cone Peak	13279		Arroyo Seco	74-B			no paleo info	Owens		
4854	Monterey	Cone Peak	23233	A	NE part of quad	252-C	Junipero Serra 15'		Middle Miocene	Gregory		
4855	Monterey	Cone Peak	23233	B	NE part of quad	252-C	Junipero Serra 15'	abun planktics	Luisian	Gregory		
4856	Monterey	Cone Peak	23233	C	NE part of quad	252-C	Junipero Serra 15'		poss M Miocene	Gregory		
4857	Monterey	Cone Peak	24387	2	Rattlesnake Creek	99-G			Upper Miocene			
4858	Monterey	Cone Peak	24387	3	Indians area	99-G			Upper Miocene			
4859	Monterey	Cone Peak	24087	4	Indians area	99-G			Lower Mohnian			
4860	Monterey	Cone Peak	24087	5	Indians area	99-G			Lower Mohnian			
4861	Monterey	Cone Peak	24087	6	Indians area	99-G			Lower Mohnian			
4862	Monterey	Cone Peak	24087	7	Indians area	99-G			Luisian			
4863	Monterey	Cone Peak	24087	8	Indians area	99-G			Luisian			
4864	Monterey	Cone Peak	24087	9	Indians area	99-G			Luisian			
4865	Monterey	Cone Peak	24088	6	NW part of quad	99-G			Cret/Paleocene			
4866	Monterey	Cone Peak	24088	9	NW part of quad	99-G			Upper Cretaceous			
4867	Monterey	Cone Peak	24088	12	NW part of quad	99-G			Cret/Paleocene			
4868	Monterey	Cone Peak	24088	13	NW part of quad	99-G			Cret/Paleocene			
4869	Monterey	Cone Peak	24088	14	NW part of quad	99-G			Cret/Paleocene			
4870	Monterey	Cone Peak	24089	7	Indians area	99-G			Upper Eocene			
4871	Monterey	Cone Peak	24089	8	Indians area	99-G			not diagnostic			
4872	Monterey	Cone Peak	24089	10	Indians area	99-G			prob Eocene			
4873	Monterey	Cone Peak	24089	11	Indians area	99-G			prob Eocene			
4874	Monterey	Cone Peak?	11240		not on map	I-7	JDR 5-27		Luisian	Stanford		
4875	Stanislaus	Copper Mountain	468	2	Salado Creek	108-L			U Cret D zone	Seiden		
4876	Stanislaus	Copper Mountain	468	9	Salado Creek	108-L			not diagnostic			
4877	Stanislaus	Copper Mountain	468	10	Salado Creek	108-L			not diagnostic			
4878	Stanislaus	Copper Mountain	469	8	Del Puerto Canyon	108-M			not diagnostic			
4879	Stanislaus	Copper Mountain	469	9	Del Puerto Canyon	108-M			not diagnostic			
4880	Stanislaus	Copper Mountain	469	13	Del Puerto Canyon	108-M			Upper Cretaceous			
4881	Stanislaus	Copper Mountain	469	19	Del Puerto Canyon	108-M			Upper Cretaceous			
4882	Stanislaus	Copper Mountain	469	27	Del Puerto Canyon	108-M			barren			
4883	Stanislaus	Copper Mountain	469	36	Del Puerto Canyon	108-M			barren			
4884	Stanislaus	Copper Mountain	11561	1A	Del Puerto Creek	213-D	30/5S/7E (SLP)	not on map	Upper Cretaceous	Young		
4885	Stanislaus	Copper Mountain	11561	1B	Del Puerto Creek	213-D	30/5S/7E (SLP)	not on map	Upper Cretaceous	Young		
4886	Stanislaus	Copper Mountain	11562	2A	Del Puerto Creek	213-D	20/5S/7E (SLP)	not on map	Cret/Paleocene	Young		
4887	Stanislaus	Copper Mountain	11562	2B	Del Puerto Creek	213-D	20/5S/7E (SLP)	not on map	no paleo info	Young		
4888	Stanislaus	Copper Mountain	11562	2C	Del Puerto Creek	213-D	20/5S/7E (SLP)	not on map	no paleo info	Young		
4889	Stanislaus	Copper Mountain	11774	3	Del Puerto Canyon	191-N	Area D-10	age from lab	U Cret H zone	Reber		
4890	Stanislaus	Copper Mountain	11774	4	Del Puerto Canyon	191-N		age from lab	U Cret H zone	Reber		
4891	Stanislaus	Copper Mountain	11774	5	Del Puerto Canyon	191-N		age from lab	U Cret H zone	Reber		
4892	Stanislaus	Copper Mountain	11774	6	Del Puerto Canyon	191-N		age from lab	U Cret H zone	Reber		
4893	Stanislaus	Copper Mountain	11774	7	Del Puerto Canyon	191-N			U Cret G-2 zone	Reber		
4894	Stanislaus	Copper Mountain	11774	8	Del Puerto Canyon	191-N		age from lab	U Cret H zone	Reber		
4895	Stanislaus	Copper Mountain	11774	9	Del Puerto Canyon	191-N		age from lab	U Cret H zone	Reber		
4896	Stanislaus	Copper Mountain	11774	10	Del Puerto Canyon	191-N		age from lab	U Cret H zone	Reber		
4897	Solano	Cordelia	18901	1	Sulphur Springs	68-L	Carquinez 15'	Sonoma volc	no paleo info	Polugar & G		
4898	Solano	Cordelia	18902		Sulphur Springs	68-L	Carquinez 15'	Sky Valley	no paleo info	Polugar & G		
4899	Solano	Cordelia	18905	1	American Canyon	68-L	Carquinez 15'		no paleo info	Polugar & G		
4900	Solano	Cordelia	18905	2	American Canyon	68-L	Carquinez 15'		no paleo info	Polugar & G		
4901	Solano	Cordelia	18905	3	American Canyon	68-L	Carquinez 15'		no paleo info	Polugar & G		
4902	Solano	Cordelia	18906		American Canyon	68-L	Carquinez 15'		no paleo info	Polugar & G		
4903	Solano	Cordelia	18907		not on map	68-L	Carquinez 15'		no paleo info	Polugar & G		
4904	Solano	Cordelia	18908	1	American Canyon	68-L	Carquinez 15'		no paleo info	Polugar & G		
4905	Solano	Cordelia	18908	2	American Canyon	68-L	Carquinez 15'		no paleo info	Polugar & G		
4906	Solano	Cordelia	18908	3	American Canyon	68-L	Carquinez 15'		no paleo info	Polugar & G		
4907	Solano	Cordelia	18909	1	American Canyon	68-L	Carquinez 15'		no paleo info	Polugar & G		
4908	Solano	Cordelia	18909	2	American Canyon	68-L	Carquinez 15'		no paleo info	Polugar & G		
4909	Napa	Cordelia	18913		E of Napa Junction	68-L	Carquinez 15'		no paleo info	Polugar & G		
4910	Napa	Cordelia	18914		E of Napa Junction	68-L	Carquinez 15'		no paleo info	Polugar & G		
4911	Napa	Cordelia	18916	1	NW part of map	68-L	Carquinez 15'		no paleo info	Polugar & G		
4912	Napa	Cordelia	18918		E of Sky Valley	68-L	Carquinez 15'		no paleo info	Polugar & G		
4913	Solano	Cordelia	21636		Highway 80	228-K	Carquinez 15'		Cretaceous	Beck		
4914	Solano	Cordelia	21637		Highway 80	228-K	Carquinez 15'		Cretaceous	Beck		
4915	Solano	Cordelia	21637	A	Highway 80	228-K	Carquinez 15'		Cretaceous	Beck		
4916	Solano	Cordelia	21637	B	Highway 80	228-K	Carquinez 15'		Cretaceous	Beck		
4917	Solano	Cordelia	21637	C	Highway 80	228-K	Carquinez 15'		Cretaceous	Beck		
4918	Napa	Cordelia	22153		NW part of quad	231-H	Carquinez 15'		no paleo info	Eke		
4919	Napa	Cordelia	22157		NW part of quad	231-H	Carquinez 15'		no paleo info	Eke		
4920	Napa	Cordelia	22158		NW part of quad	231-H	Carquinez 15'		no paleo info	Eke		
4921	Napa	Cordelia	22159		NW part of quad	231-H	Carquinez 15'		no paleo info	Eke		
4922	Napa	Cordelia	22160	A	NW part of quad	231-H	Carquinez 15'		no paleo info	Eke		
4923	Napa	Cordelia	22160	B	NW part of quad	231-H	Carquinez 15'		no paleo info	Eke		
4924	Solano	Cordelia	22169		Highway 80	231-H	Carquinez 15'		no paleo info	Eke		
4925	Solano	Cordelia	22171		Highway 80	231-H	Carquinez 15'		no paleo info	Eke		
4926	Solano	Cordelia	22172		Highway 81	231-H	Carquinez 15'		no paleo info	Eke		
4927	Solano	Cordelia	22173		N of Highway 80	231-H	Carquinez 15'		no paleo info	Eke		
4928	Napa	Cordelia	22196		WC part of quad	231-H	Carquinez 15'		no paleo info	Eke		
4929	Napa	Cordelia	23060		SW part of quad	247-J	Colburn 9	Markley	not diagnostic	Colburn		
4930	Napa	Cordelia	23062		NW corner of quad	247-J	Colburn 11	Markley	not diagnostic	Colburn		
4931	Solano?	Cordelia?	206	176	Suisun Bay	F-13	not on map	Nortonville sh	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	ONE/SERIES/AG	COLLECTORS		
4932	Solano?	Cordelia?	206	177	Suisun Bay	F-13	not on map	from 5 areas	Eocene	Ruth		
4933	Solano?	Cordelia?	206	179	Suisun Bay	F-13	not on map	northern Suisun	Eocene	Ruth		
4934	Solano?	Cordelia?	206	181	Suisun Bay	F-13	not on map	Bay but hard	Eocene	Ruth		
4935	Solano?	Cordelia?	206	182	Suisun Bay	F-13	not on map	to determine	Eocene	Ruth		
4936	Solano?	Cordelia?	206	183	Suisun Bay	F-13	not on map	where these	Eocene	Ruth		
4937	Solano?	Cordelia?	206	186	Suisun Bay	F-13	not on map	are exactly	Eocene	Ruth		
4938	Solano?	Cordelia?	206	187	Suisun Bay	F-13	not on map	from	Eocene	Ruth		
4939	Solano?	Cordelia?	206	189	Suisun Bay	F-13	not on map		Eocene	Ruth		
4940	Solano?	Cordelia?	206	191	Suisun Bay	F-13	not on map		Eocene	Ruth		
4941	Solano?	Cordelia?	206	193	Suisun Bay	F-13	not on map		Eocene	Ruth		
4942	Solano?	Cordelia?	206	195	Suisun Bay	F-13	not on map		Eocene	Ruth		
4943	Solano?	Cordelia?	206	196	Suisun Bay	F-13	not on map		Eocene	Ruth		
4944	Solano?	Cordelia?	206	198	Suisun Bay	F-13	not on map		Eocene	Ruth		
4945	Solano?	Cordelia?	206	199	Suisun Bay	F-13	not on map		Eocene	Ruth		
4946	Solano?	Cordelia?	206	400	Suisun Bay	F-13	not on map		Eocene	Ruth		
4947	Solano?	Cordelia?	206	404	Suisun Bay	F-13	not on map		Eocene	Ruth		
4948	Solano?	Cordelia?	206	405	Suisun Bay	F-13	not on map		Eocene	Ruth		
4949	Solano?	Cordelia?	206	406	Suisun Bay	F-13	not on map		Eocene	Ruth		
4950	Solano?	Cordelia?	206	407	Suisun Bay	F-13	not on map		Eocene	Ruth		
4951	Solano?	Cordelia?	206	408	Suisun Bay	F-13	not on map		Eocene	Ruth		
4952	Solano?	Cordelia?	206	414	Suisun Bay	F-13	not on map		Eocene	Ruth		
4953	Solano?	Cordelia?	206	415	Suisun Bay	F-13	not on map		Eocene	Ruth		
4954	Solano?	Cordelia?	206	417	Suisun Bay	F-13	not on map		Eocene	Ruth		
4955	Solano?	Cordelia?	206	418	Suisun Bay	F-13	not on map		Eocene	Ruth		
4956	Solano?	Cordelia?	206	419	Suisun Bay	F-13	not on map		Eocene	Ruth		
4957	Solano?	Cordelia?	206	421	Suisun Bay	F-13	not on map		Eocene	Ruth		
4958	Solano?	Cordelia?	206	425	Suisun Bay	F-13	not on map		Eocene	Ruth		
4959	Solano?	Cordelia?	206	426	Suisun Bay	F-13	not on map		Eocene	Ruth		
4960	Solano?	Cordelia?	206	427	Suisun Bay	F-13	not on map		Eocene	Ruth		
4961	Solano?	Cordelia?	206	428	Suisun Bay	F-13	not on map		Eocene	Ruth		
4962	Solano?	Cordelia?	206	429	Suisun Bay	F-13	not on map		Eocene	Ruth		
4963	Solano?	Cordelia?	206	431	Suisun Bay	F-13	not on map		Eocene	Ruth		
4964	Solano?	Cordelia?	206	432	Suisun Bay	F-13	not on map		Eocene	Ruth		
4965	Solano?	Cordelia?	206	433	Suisun Bay	F-13	not on map		Eocene	Ruth		
4966	Solano?	Cordelia?	206	436	Suisun Bay	F-13	not on map		Eocene	Ruth		
4967	Solano?	Cordelia?	206	437	Suisun Bay	F-13	not on map		Eocene	Ruth		
4968	Solano?	Cordelia?	206	438	Suisun Bay	F-13	not on map		Eocene	Ruth		
4969	Solano?	Cordelia?	206	439	Suisun Bay	F-13	not on map		Eocene	Ruth		
4970	Solano?	Cordelia?	206	440	Suisun Bay	F-13	not on map		Eocene	Ruth		
4971	Solano?	Cordelia?	206	441	Suisun Bay	F-13	not on map		Eocene	Ruth		
4972	Solano?	Cordelia?	206	442	Suisun Bay	F-13	not on map		Eocene	Ruth		
4973	Solano?	Cordelia?	206	446	Suisun Bay	F-13	not on map		Eocene	Ruth		
4974	Solano?	Cordelia?	206	447	Suisun Bay	F-13	not on map		Eocene	Ruth		
4975	Solano?	Cordelia?	206	448	Suisun Bay	F-13	not on map		Eocene	Ruth		
4976	Solano?	Cordelia?	206	slide RW	Suisun Bay	120-B	not on map		Eocene	Ruth		
4977	Solano?	Cordelia?	206	slide RW	Suisun Bay	120-B	not on map		Eocene	Ruth		
4978	Riverside	Corona South	5960		NW corner of quad	44-I			no paleo info			
4979	Monterey	Cosio Knob	708	6	Mission Creek	200-N			Zemorrian	Bolin		
4980	Monterey	Cosio Knob	708	7	Mission Creek	200-N			Zemorrian	Bolin		
4981	Monterey	Cosio Knob	709	1	Cosio Knob	129-N	Have strat column		Mohnian	Bolin		
4982	Monterey	Cosio Knob	709	3	Cosio Knob	129-N	and foram check		Mohnian	Bolin		
4983	Monterey	Cosio Knob	709	5	Cosio Knob	129-N	list		Mohnian	Bolin		
4984	Monterey	Cosio Knob	709	6	Cosio Knob	129-N			Mohnian	Bolin		
4985	Monterey	Cosio Knob	709	7	Cosio Knob	129-N			Mohnian	Bolin		
4986	Monterey	Cosio Knob	709	8	Cosio Knob	129-N			U Miocene	Bolin		
4987	Monterey	Cosio Knob	709	9	Cosio Knob	129-N			U Miocene	Bolin		
4988	Monterey	Cosio Knob	709	10	Cosio Knob	129-N			Luisian	Bolin		
4989	Monterey	Cosio Knob	709	11	Cosio Knob	129-N			Luisian	Bolin		
4990	Monterey	Cosio Knob	709	12	Cosio Knob	129-N			Luisian	Bolin		
4991	Monterey	Cosio Knob	709	13	Cosio Knob	129-N			Luisian	Bolin		
4992	Monterey	Cosio Knob	709	14	Cosio Knob	129-N			Luisian	Bolin		
4993	Monterey	Cosio Knob	709	15	Cosio Knob	129-N			Luisian	Bolin		
4994	Monterey	Cosio Knob	709	16	Cosio Knob	129-N			Luisian	Bolin		
4995	Monterey	Cosio Knob	709	17	Cosio Knob	129-N			Luisian	Bolin		
4996	Monterey	Cosio Knob	709	18	Cosio Knob	129-N			Luisian	Bolin		
4997	Monterey	Cosio Knob	709	19	Cosio Knob	129-N			Luisian	Bolin		
4998	Monterey	Cosio Knob	709	20	Cosio Knob	129-N			Luisian	Bolin		
4999	Monterey	Cosio Knob	709	21	Cosio Knob	129-N			Luisian	Bolin		
5000	Monterey	Cosio Knob	709	22	Cosio Knob	129-N			Luisian	Bolin		
5001	Monterey	Cosio Knob	709	slide 1	Cosio Knob	129-N	picked slide		Luisian	Bolin		
5002	Monterey	Cosio Knob	7159		Quinado Canyon	46-C	King City 15'		not diagnostic	Ortalda		
5003	Monterey	Cosio Knob	7160		Quinado Canyon	46-C	King City 15'		Mohnian	Ortalda		
5004	Monterey	Cosio Knob	7168	Rewsh	Quinado Canyon	46-C	King City 15'		Upper Miocene	Ortalda		
5005	Monterey	Cosio Knob	7169		Quinado Canyon	46-C	King City 15'		Upper Miocene	Ortalda		
5006	Monterey	Cosio Knob	7170	RW	Quinado Canyon	46-C	King City 15'		Upper Miocene	Ortalda		
5007	Monterey	Cosio Knob	7171	RW	Quinado Canyon	46-C	King City 15'		Upper Miocene	Ortalda		
5008	Monterey	Cosio Knob	7172	RW	Quinado Canyon	46-C	King City 15'		Upper Miocene	Ortalda		
5009	Monterey	Cosio Knob	7173	RW	Quinado Canyon	46-C	King City 15'		Middle Miocene	Ortalda		
5010	Monterey	Cosio Knob	7174	RW	Quinado Canyon	46-C	King City 15'		Upper Miocene	Ortalda		
5011	Monterey	Cosio Knob	7175	RW	Quinado Canyon	46-C	King City 15'		Upper Miocene	Ortalda		
5012	Monterey	Cosio Knob	7176		Sulphur Spr Cyn	46-C	King City 15'		Luisian	Ortalda		
5013	Monterey	Cosio Knob	7177	RW	Sulphur Spr Cyn	46-C	King City 15'		Luisian	Ortalda		
5014	Monterey	Cosio Knob	7178		Sulphur Spr Cyn	46-C	King City 15'		not diagnostic	Ortalda		
5015	Monterey	Cosio Knob	7180		NE of Cosio Knob	117-L	King City 15'		Mohnian	Ortalda		
5016	Monterey	Cosio Knob	7359		Near Cosio Knob	45-D			Prob Saucesian	Bolin		

	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		
5017	Monterey	Cosio Knob	7359	RW	Near Cosio Knob	45-D			Prob Saucesian	Bolin		
5018	Monterey	Cosio Knob	8963		S of Cosio Knob	141-N			Luisian/Relizian	Lindvall		
5019	Monterey	Cosio Knob	8964		Sulphur Spr Cyn	141-N			Luisian	Lindvall		
5020	Monterey	Cosio Knob	11086	A	NW part of quad	74-D			no paleo info			
5021	Monterey	Cosio Knob	11086	B	NW part of quad	74-D			no paleo info			
5022	Monterey	Cosio Knob	11086	C	NW part of quad	74-D			no paleo info			
5023	Monterey	Cosio Knob	23165	B	Oak Hills	252-A			no paleo info	Gregory		
5024	Monterey	Cosio Knob	23237		NW corner of quad	252-D			Saucesian	Gregory		
5025	Monterey	Cosio Knob	23240		NW corner of quad	252-D			not diagnostic	Gregory		
5026	Monterey	Cosio Knob	23243		NW corner of quad	252-D		age from map	Middle Miocene	Gregory		
5027	Monterey	Cosio Knob	23253	C	SE of Cosio Knob	252-D	King City 15'		Middle Miocene	Gregory		
5028	Monterey	Cosio Knob	23253	D	SE of Cosio Knob	252-D	King City 15'		Middle Miocene	Gregory		
5029	Monterey	Cosio Knob	23254	G	NW of Cosio Knob	252-D	King City 15'		Relizian	Gregory		
5030	Monterey	Cosio Knob	23254	H	NW of Cosio Knob	252-D	King City 15'		Relizian	Gregory		
5031	Monterey	Cosio Knob	23256	B	NE of Cosio Knob	252-D	King City 15'		not diagnostic	Gregory		
5032	Monterey	Cosio Knob	23256	C	NE of Cosio Knob	252-D	King City 15'		Saucesian	Gregory		
5033	Monterey	Cosio Knob	23256	D	NE of Cosio Knob	252-D	King City 15'		Saucesian	Gregory		
5034	Monterey	Cosio Knob	23256	E	NE of Cosio Knob	252-D	King City 15'		Saucesian	Gregory		
5035	Monterey	Cosio Knob	23272	A	NE of Cosio Knob	252-E		age from map	Saucesian	Gregory		
5036	Monterey	Cosio Knob	23272	B	NE of Cosio Knob	252-E		age from map	Saucesian	Gregory		
5037	Monterey	Cosio Knob	23272	C	NE of Cosio Knob	252-E		age from map	Saucesian	Gregory		
5038	Monterey	Cosio Knob	23376	B	Oak Hills	252-G			not diagnostic	Gregory		
5039	Monterey	Cosio Knob	23376	E	Oak Hills	252-G			prob Relizian	Gregory		
5040	Monterey	Cosio Knob	23376	F	Oak Hills	252-G			prob Relizian	Gregory		
5041	Monterey	Cosio Knob	23377	A	NW part of quad	252-G		age from map	Luisian	Gregory		
5042	Monterey	Cosio Knob	23377	B	NW part of quad	252-G		age from map	Relizian	Gregory		
5043	Monterey	Cosio Knob	23838	69	Line I-52	189-L	Quinado Canyon		Upper Mohnian			
5044	Monterey	Cosio Knob	23838	70	Line I-52	189-L	Quinado Canyon		Upper Mohnian			
5045	Monterey	Cosio Knob	23838	71	Line I-52	189-L	Quinado Canyon		Upper Mohnian			
5046	Monterey	Cosio Knob	23838	72	Line I-52	189-L	Quinado Canyon		Upper Mohnian			
5047	Monterey	Cosio Knob	23838	73	Line I-52	189-L	Quinado Canyon		Upper Mohnian			
5048	Monterey	Cosio Knob	23838	74	Line I-52	189-L	Quinado Canyon		Upper Mohnian			
5049	Monterey	Cosio Knob	23838	75	Line I-52	189-L	Quinado Canyon		Upper Mohnian			
5050	Monterey	Cosio Knob	23838	76	Line I-52	189-L	Quinado Canyon		Upper Mohnian			
5051	Monterey	Cosio Knob	23838	77	Line I-52	189-L	Quinado Canyon		Upper Mohnian			
5052	Monterey	Cosio Knob	23838	78	Line I-52	189-L	Quinado Canyon		Upper Mohnian			
5053	Monterey	Cosio Knob	23838	79	Line I-52	189-L	Quinado Canyon		Upper Mohnian			
5054	Monterey	Cosio Knob	23838	80	Line I-52	189-L	Quinado Canyon		Upper Mohnian			
5055	Monterey	Cosio Knob	23838	81	Line I-52	189-L	Quinado Canyon		Upper Mohnian			
5056	Monterey	Cosio Knob	23838	82	Line I-52	189-L	Quinado Canyon		Upper Mohnian			
5057	Monterey	Cosio Knob	23838	83	Line I-52	189-L	Quinado Canyon		Upper Mohnian			
5058	Monterey	Cosio Knob	23838	84	Line I-52	189-L	Quinado Canyon		Upper Mohnian			
5059	Monterey	Cosio Knob	23838	85	Line I-52	189-L	Quinado Canyon		Upper Mohnian			
5060	Monterey	Cosio Knob	23838	86	Line I-52	189-L	Quinado Canyon		Upper Mohnian			
5061	Monterey	Cosio Knob	23838	87	Line I-52	189-L	Quinado Canyon		Upper Mohnian			
5062	Monterey	Cosio Knob	23838	88	Line I-52	189-L	Jolon Road		Upper Mohnian			
5063	Monterey	Cosio Knob	23838	89	Line I-52	189-L	Jolon Road		Lower Mohnian			
5064	Monterey	Cosio Knob	23838	90	Line I-52	189-L	Jolon Road		Lower Mohnian			
5065	Monterey	Cosio Knob	23838	91	Line I-52	189-L	Jolon Road		Lower Mohnian			
5066	Monterey	Cosio Knob	23838	92	Line I-52	189-L	Jolon Road		Lower Mohnian			
5067	Monterey	Cosio Knob	23838	93	Line I-52	189-L	Jolon Road		Lower Mohnian			
5068	Monterey	Cosio Knob	23838	94	Line I-52	189-L	Jolon Road		Lower Mohnian			
5069	Monterey	Cosio Knob	23838	95	Line I-52	189-L	Jolon Road		Lower Mohnian			
5070	Monterey	Cosio Knob	23838	96	Line I-52	189-L	Jolon Road		Lower Mohnian			
5071	Monterey	Cosio Knob	23838	97	Line I-52	189-L	Jolon Road		Upper Mohnian			
5072	Monterey	Cosio Knob	23838	98	Line I-52	189-L	Jolon Road		Upper Mohnian			
5073	Monterey	Cosio Knob	23838	99	Line I-52	189-L	Jolon Road		Upper Mohnian			
5074	Monterey	Cosio Knob	23838	100	Line I-52	189-L	Jolon Road		Upper Mohnian			
5075	Monterey	Cosio Knob	23838	101	Line I-52	189-L	Jolon Road		Upper Mohnian			
5076	Monterey	Cosio Knob	23838	102	Line I-52	189-L	Jolon Road		Upper Mohnian			
5077	Monterey	Cosio Knob	23838	103	Line I-52	189-L	Jolon Road		Upper Mohnian			
5078	Monterey	Cosio Knob	23838	104	Line I-52	189-L	Jolon Road		Upper Mohnian			
5079	Monterey	Cosio Knob	23838	105	Line I-52	189-L	Jolon Road		Upper Mohnian			
5080	Monterey	Cosio Knob	23838	106	Line I-52	189-L	Jolon Road		Upper Mohnian			
5081	Monterey	Cosio Knob	23838	107	Line I-52	189-L	Jolon Road		not diagnostic			
5082	Monterey	Cosio Knob	23838	108	Line I-52	189-L	Jolon Road		not diagnostic			
5083	Monterey	Cosio Knob	23838	109	Line I-52	189-L	Jolon Road		not diagnostic			
5084	Monterey	Cosio Knob	23838	110	Line I-52	189-L	Jolon Road		not diagnostic			
5085	Monterey	Cosio Knob	23838	111	Line I-52	189-L	Jolon Road		not diagnostic			
5086	Monterey	Cosio Knob	23838	112	Line I-52	189-L	Jolon Road		not diagnostic			
5087	Monterey	Cosio Knob	23838	113	Line I-52	189-L	Jolon Road		not diagnostic			
5088	Monterey	Cosio Knob	23838	114	Line I-52	189-L	Jolon Road		not diagnostic			
5089	Monterey	Cosio Knob	23838	115	Line I-52	189-L	Jolon Road		not diagnostic			
5090	Monterey	Cosio Knob	23838	116	Line I-52	189-L	Jolon Road		not diagnostic			
5091	Monterey	Cosio Knob	23838	117	Line I-52	189-L	Jolon Road		not diagnostic			
5092	Monterey	Cosio Knob	23838	tail	Line I-52	189-L	Jolon Road		not diagnostic			
5093	Siskiyou	Cottonwood Peak	11118	2	S of Hilt	151-E	Hornbrook 15'		U Cret F-1 zone	Helms		
5094	Siskiyou	Cottonwood Peak	11118	2RW	S of Hilt	151-E	Hornbrook 15'		no paleo info	Helms		
5095	Siskiyou	Cottonwood Peak	28722	3	NE part of quad	260-H	Hornbrook 15'		no paleo info			
5096	Siskiyou	Cottonwood Peak	28722	4	NE part of quad	260-H	Hornbrook 15'		no paleo info			
5097	Siskiyou	Cottonwood Peak	28722	7A	NE part of quad	260-H	Hornbrook 15'		no paleo info			
5098	Siskiyou	Cottonwood Peak	28722	10	NE part of quad	260-H	Hornbrook 15'		no paleo info			
5099	Siskiyou	Cottonwood Peak	28722	11	NE part of quad	260-H	Hornbrook 15'		no paleo info			
5100	Siskiyou	Cottonwood Peak	28722	15	NE part of quad	260-H	Hornbrook 15'		no paleo info			
5101	Siskiyou	Cottonwood Peak	28722	16	NE part of quad	260-H	Hornbrook 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		ONE/SERIES/AGI	COLLECTORS		
5102	Siskiyou	Cottonwood Peak	28722	17	NE part of quad	260-H	Hornbrook 15'					
5103	Siskiyou	Cottonwood Peak	28722	18	NE part of quad	260-H	Hornbrook 15'					
5104	Imperial	Coyote Wells	3767		SW of BM 329	48-H	Coyote Wells 15'					
5105	Imperial	Coyote Wells	3768		SW of BM 330	48-H	Coyote Wells 15'	good fauna				
5106	Imperial	Coyote Wells	9506	2	S of Coyote Wells	85-I	Coyote Wells 15'					
5107	Del Norte	Crescent City	13729	3	W of airport	103-J		age from map	Pliocene?	Stoek.		
5108	Del Norte	Crescent City	13729	4	S of airport	103-J		age from map	Pliocene?			
5109	Del Norte	Crescent City	22386	1	Pebble Beach	240-C	Crescent City 15'					
5110	Del Norte	Crescent City	22386	2	Pebble Beach	240-C	Crescent City 15'					
5111	Del Norte	Crescent City	22599	1	Pebble Beach	240-D	Crescent City 15'					
5112	Del Norte	Crescent City	22599	2	Pebble Beach	240-D	Crescent City 15'					
5113	Del Norte	Crescent City	22599	3	Pebble Beach	240-D	Crescent City 15'					
5114	Merced	Crevison Peak	440	4A	Quinto Creek	108-C	Pacheco Pass 15'					
5115	Merced	Crevison Peak	440	4F	Quinto Creek	108-C	Pacheco Pass 15'					
5116	Merced	Crevison Peak	440	7A	Quinto Creek	108-C	Pacheco Pass 15'					
5117	Merced	Crevison Peak	440	7ARW	Quinto Creek	177-M	Pacheco Pass 15'					
5118	Stanislaus	Crevison Peak	4860		Garzas Creek	125-A		strat column	Cretaceous	Porter		
5119	Stanislaus	Crevison Peak	4862		Garzas Creek	125-B		strat column	Cretaceous	Seiden		
5120	Merced	Crevison Peak	4864		Garzas Creek	125-B		strat column	Cretaceous			
5121	Stanislaus	Crevison Peak	4865	U	Oat Gulch	125-B		strat column	Cretaceous	Seiden		
5122	Stanislaus	Crevison Peak	4865	L	Oat Gulch	125-B		strat column	Cretaceous	Seiden		
5123	Stanislaus	Crevison Peak	4866		Garzas Creek	125-B		strat column	Cretaceous			
5124	Stanislaus	Crevison Peak	4869		Garzas Creek	125-B		strat column	Cretaceous	Seiden		
5125	Stanislaus	Crevison Peak	4870		Garzas Creek	125-B		strat column	Cretaceous	Seiden		
5126	Stanislaus	Crevison Peak	4871		Garzas Creek	125-B		strat column	Cretaceous	Seiden		
5127	Stanislaus	Crevison Peak	4872		Garzas Creek	125-B		strat column	Cretaceous	Seiden		
5128	Stanislaus	Crevison Peak	4873		Garzas Creek	125-B		strat column	Cretaceous	Seiden		
5129	Stanislaus	Crevison Peak	4874		Garzas Creek	125-B		strat column	Cretaceous	Seiden		
5130	Stanislaus	Crevison Peak	4876		Garzas Creek	125-B		strat column	Cretaceous	Seiden		
5131	Merced	Crevison Peak	11779	2	Romero Creek	44-C	Pacheco Pass 15'	SLURP age	Upper Cretaceous	Reber		
5132	Merced	Crevison Peak	11779	3	Romero Creek	44-C	Pacheco Pass 15'	SLURP age	Upper Cretaceous	Reber		
5133	Kern	Cuddy Valley	22346	4	N of Cuddy Ranch	233-K						
5134	Kern	Cuddy Valley	22346	5	N of Cuddy Ranch	233-K						
5135	Kern	Cuddy Valley	22346	15B	N of Cuddy Ranch	233-K						
5136	Kern	Cuddy Valley	22346	20	N of Cuddy Ranch	233-K						
5137	Santa Clara	Cupertino	2465		SW corner of quad	115-E		has planktics	not diagnostic	Solari		
5138	Santa Clara	Cupertino	2467		SW corner of quad	115-E	7/8S/2W (SLP)					
5139	San Mateo	Cupertino	7428		not on map	147-C	5/8S/2W (SLP)					
5140	Fresno	Curry Mountain	442	1	Waltham Creek	108-G	Coalinga 15'					
5141	Fresno	Curry Mountain	442	2	Waltham Creek	108-G	Coalinga 15'					
5142	Fresno	Curry Mountain	442	3	Waltham Creek	108-G	Coalinga 15'					
5143	Fresno	Curry Mountain	442	4	Waltham Creek	108-G	Coalinga 15'					
5144	Fresno	Curry Mountain	442	6	Waltham Creek	108-G	Coalinga 15'					
5145	Fresno	Curry Mountain	442	7	Waltham Creek	108-G	Coalinga 15'					
5146	Fresno	Curry Mountain	13858	1	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
5147	Fresno	Curry Mountain	13858	2	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
5148	Fresno	Curry Mountain	13858	3	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
5149	Fresno	Curry Mountain	13858	4	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
5150	Fresno	Curry Mountain	13858	5	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
5151	Fresno	Curry Mountain	13858	6	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
5152	Fresno	Curry Mountain	13858	7	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
5153	Fresno	Curry Mountain	13858	8	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
5154	Fresno	Curry Mountain	13858	9	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
5155	Fresno	Curry Mountain	13858	10	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
5156	Fresno	Curry Mountain	13858	11	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
5157	Fresno	Curry Mountain	13858	12	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
5158	Fresno	Curry Mountain	13858	13	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
5159	Fresno	Curry Mountain	13858	14	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
5160	Fresno	Curry Mountain	13858	15	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
5161	Fresno	Curry Mountain	13858	16	Warthan Canyon	213-A	Coalinga 15'	age from map	U Cret H zone	Burr & Zeni		
5162	Fresno	Curry Mountain	13858	17	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
5163	Fresno	Curry Mountain	13858	19	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
5164	Fresno	Curry Mountain	13858	20	Warthan Canyon	213-A	Coalinga 15'	age from lab	U Cret G-2 zone	Burr & Zeni		
5165	Fresno	Curry Mountain	26947	A	Warthan Canyon	101-L	Coalinga 15'	age on slide	Cretaceous			
5166	Solano	Cuttings Wharf	744	1	West Potrero Hills	123-E	Carquinez 15' Q					
5167	Solano	Cuttings Wharf	744	2	West Potrero Hills	123-E	Carquinez 15' Q					
5168	Solano	Cuttings Wharf	744	3	West Potrero Hills	123-E	Carquinez 15' Q					
5169	Solano	Cuttings Wharf	744	4	West Potrero Hills	123-E	Carquinez 15' Q					
5170	Solano	Cuttings Wharf	744	5	West Potrero Hills	123-E	Carquinez 15' Q					
5171	Solano	Cuttings Wharf	744	6	West Potrero Hills	123-E	Carquinez 15' Q					
5172	Solano	Cuttings Wharf	744	7	West Potrero Hills	123-E	Carquinez 15' Q					
5173	Solano	Cuttings Wharf	744	9	West Potrero Hills	123-E	Carquinez 15' Q	age from map	not diagnostic			
5174	Solano	Cuttings Wharf	13780		SE of Thompson	114-C						
5175	San Luis Obispo	Cuyama	352	1	E of Cuyama Ran.	46-G						
5176	San Luis Obispo	Cuyama	352	3	E of Cuyama Ran.	46-G						
5177	San Luis Obispo	Cuyama	352	4	E of Cuyama Ran.	46-G						
5178	San Luis Obispo	Cuyama	352	5	E of Cuyama Ran.	46-G						
5179	San Luis Obispo	Cuyama	352	6	E of Cuyama Ran.	46-G						
5180	San Luis Obispo	Cuyama	352	7	E of Cuyama Ran.	46-G						
5181	San Luis Obispo	Cuyama	352	8	E of Cuyama Ran.	46-G						
5182	San Luis Obispo	Cuyama	352	9	E of Cuyama Ran.	46-G						
5183	San Luis Obispo	Cuyama	2658		NW part of quad	89-M	Salisbury Cyn 15'					
5184	San Luis Obispo	Cuyama	21083		Cuyama Valley	189-B	sa Salisbury Cy15'					
5185	Santa Barbara	Cuyama Peak	348	1	SW part of quad	78-A						
5186	Santa Barbara	Cuyama Peak	348	2	SW part of quad	78-A						

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		
5272	Santa Barbara	Cuyama Peak	348	103	SW part of quad	78-B			no paleo info	Southw.		
5273	Santa Barbara	Cuyama Peak	348	104	SW part of quad	78-B			no paleo info	Southw.		
5274	Santa Barbara	Cuyama Peak	348	105	SW part of quad	78-B			no paleo info	Southw.		
5275	Santa Barbara	Cuyama Peak	348	106	SW part of quad	78-B			no paleo info	Southw.		
5276	Santa Barbara	Cuyama Peak	348	108	SW part of quad	78-B			no paleo info	Southw.		
5277	Santa Barbara	Cuyama Peak	348	109	SW part of quad	78-B			no paleo info	Southw.		
5278	Santa Barbara	Cuyama Peak	348	110	SW part of quad	78-B			no paleo info	Southw.		
5279	Santa Barbara	Cuyama Peak	348	111	SW part of quad	78-B			no paleo info	Southw.		
5280	Santa Barbara	Cuyama Peak	348	112	SW part of quad	78-B			no paleo info	Southw.		
5281	Santa Barbara	Cuyama Peak	348	113	SW part of quad	78-B			no paleo info	Southw.		
5282	Santa Barbara	Cuyama Peak	348	114	SW part of quad	78-B			no paleo info	Southw.		
5283	Santa Barbara	Cuyama Peak	348	115	SW part of quad	78-B			no paleo info	Southw.		
5284	Santa Barbara	Cuyama Peak	348	116	SW part of quad	78-B			no paleo info	Southw.		
5285	Santa Barbara	Cuyama Peak	348	117	SW part of quad	78-B			no paleo info	Southw.		
5286	Santa Barbara	Cuyama Peak	348	118	SW part of quad	78-B			no paleo info	Southw.		
5287	Santa Barbara	Cuyama Peak	348	119	SW part of quad	78-B			no paleo info	Southw.		
5288	Santa Barbara	Cuyama Peak	348	120	SW part of quad	78-B			no paleo info	Southw.		
5289	Santa Barbara	Cuyama Peak	348	121	SW part of quad	78-B			no paleo info	Southw.		
5290	Santa Barbara	Cuyama Peak	348	122	SW part of quad	78-B			no paleo info	Southw.		
5291	Santa Barbara	Cuyama Peak	348	123	SW part of quad	78-B			no paleo info	Southw.		
5292	Santa Barbara	Cuyama Peak	348	124	SW part of quad	78-B			no paleo info	Southw.		
5293	Santa Barbara	Cuyama Peak	348	125	SW part of quad	78-B			no paleo info	Southw.		
5294	Santa Barbara	Cuyama Peak	348	126	SW part of quad	78-B			no paleo info	Southw.		
5295	Santa Barbara	Cuyama Peak	348	128	SW part of quad	78-B			no paleo info	Southw.		
5296	Santa Barbara	Cuyama Peak	348	131	SW part of quad	78-B			no paleo info	Southw.		
5297	Santa Barbara	Cuyama Peak	348	1A	SW part of quad	78-C			no paleo info	Southw.		
5298	Santa Barbara	Cuyama Peak	348	2A	SW part of quad	78-C			no paleo info	Southw.		
5299	Santa Barbara	Cuyama Peak	348	3A	SW part of quad	78-C			no paleo info	Southw.		
5300	Santa Barbara	Cuyama Peak	348	4A	SW part of quad	78-C			no paleo info	Southw.		
5301	Santa Barbara	Cuyama Peak	348	5A	SW part of quad	78-C			no paleo info	Southw.		
5302	Santa Barbara	Cuyama Peak	348	6A	SW part of quad	78-C			no paleo info	Southw.		
5303	Santa Barbara	Cuyama Peak	348	7A	SW part of quad	78-C			no paleo info	Southw.		
5304	Santa Barbara	Cuyama Peak	348	8A	SW part of quad	78-C			no paleo info	Southw.		
5305	Santa Barbara	Cuyama Peak	348	9A	SW part of quad	78-C			no paleo info	Southw.		
5306	Santa Barbara	Cuyama Peak	348	10A	SW part of quad	78-C			no paleo info	Southw.		
5307	Santa Barbara	Cuyama Peak	348	11A	SW part of quad	78-C			no paleo info	Southw.		
5308	Santa Barbara	Cuyama Peak	348	12A	SW part of quad	78-C			no paleo info	Southw.		
5309	Santa Barbara	Cuyama Peak	348	13A	SW part of quad	78-C			no paleo info	Southw.		
5310	Santa Barbara	Cuyama Peak	348	15A	SW part of quad	78-C			no paleo info	Southw.		
5311	Santa Barbara	Cuyama Peak	348	16A	SW part of quad	78-C			no paleo info	Southw.		
5312	Santa Barbara	Cuyama Peak	348	17A	SW part of quad	78-C			no paleo info	Southw.		
5313	Santa Barbara	Cuyama Peak	348	18A	SW part of quad	78-C			no paleo info	Southw.		
5314	Santa Barbara	Cuyama Peak	348	19A	SW part of quad	78-C			no paleo info	Southw.		
5315	Santa Barbara	Cuyama Peak	348	20A	SW part of quad	78-C			no paleo info	Southw.		
5316	Santa Barbara	Cuyama Peak	348	21A	SW part of quad	78-C			no paleo info	Southw.		
5317	Santa Barbara	Cuyama Peak	348	22A	SW part of quad	78-C			no paleo info	Southw.		
5318	Santa Barbara	Cuyama Peak	348	23A	SW part of quad	78-C			no paleo info	Southw.		
5319	Santa Barbara	Cuyama Peak	348	24A	SW part of quad	78-C			no paleo info	Southw.		
5320	Santa Barbara	Cuyama Peak	348	25A	SW part of quad	78-C			no paleo info	Southw.		
5321	Santa Barbara	Cuyama Peak	348	26A	SW part of quad	78-C			no paleo info	Southw.		
5322	Santa Barbara	Cuyama Peak	348	27A	SW part of quad	78-C			no paleo info	Southw.		
5323	Santa Barbara	Cuyama Peak	348	28A	SW part of quad	78-C			no paleo info	Southw.		
5324	Santa Barbara	Cuyama Peak	348	29A	SW part of quad	78-C			no paleo info	Southw.		
5325	Santa Barbara	Cuyama Peak	348	30A	SW part of quad	78-C			no paleo info	Southw.		
5326	Santa Barbara	Cuyama Peak	348	31A	SW part of quad	78-C			no paleo info	Southw.		
5327	Santa Barbara	Cuyama Peak	348	32A	SW part of quad	78-C			no paleo info	Southw.		
5328	Santa Barbara	Cuyama Peak	348	33A	SW part of quad	78-C			no paleo info	Southw.		
5329	Santa Barbara	Cuyama Peak	348	34A	SW part of quad	78-C			no paleo info	Southw.		
5330	Santa Barbara	Cuyama Peak	348	35A	SW part of quad	78-C			no paleo info	Southw.		
5331	Santa Barbara	Cuyama Peak	348	36A	SW part of quad	78-C			no paleo info	Southw.		
5332	Santa Barbara	Cuyama Peak	348	37A	SW part of quad	78-C			no paleo info	Southw.		
5333	Santa Barbara	Cuyama Peak	348	38A	SW part of quad	78-C			no paleo info	Southw.		
5334	Santa Barbara	Cuyama Peak	348	39A	SW part of quad	78-C			no paleo info	Southw.		
5335	Santa Barbara	Cuyama Peak	348	40A	SW part of quad	78-C			no paleo info	Southw.		
5336	Santa Barbara	Cuyama Peak	348	41A	SW part of quad	78-B			no paleo info	Southw.		
5337	Santa Barbara	Cuyama Peak	348	42A	SW part of quad	78-B			no paleo info	Southw.		
5338	Santa Barbara	Cuyama Peak	348	43A	SW part of quad	78-B			no paleo info	Southw.		
5339	Santa Barbara	Cuyama Peak	348	44A	SW part of quad	78-B			no paleo info	Southw.		
5340	Santa Barbara	Cuyama Peak	348	45A	SW part of quad	78-B			no paleo info	Southw.		
5341	Santa Barbara	Cuyama Peak	348	46A	SW part of quad	78-B			no paleo info	Southw.		
5342	Santa Barbara	Cuyama Peak	1710		SC part of quad	40-L			no paleo info	Klemme		
5343	Santa Barbara	Cuyama Peak	21018	C	SW of Wycoff Rnd	189-A			no paleo info	Drummond		
5344	Santa Barbara	Cuyama Peak	21018	D	SW of Wycoff Rnd	189-A			no paleo info	Drummond		
5345	Ventura	Cuyama Peak	21025	B	Cuyama River	189-A			no paleo info	Drummond		
5346	San Luis Obispo	Cypress Mountain	2018		center of quad	69-F	Adelaida 15'	quad on slide	Luisian	Newbill		
5347	San Luis Obispo	Cypress Mountain	2019		center of quad	69-F	Adelaida 15'	quad on slide	Middle Miocene	Newbill		
5348	San Luis Obispo	Cypress Mountain	2020		center of quad	69-F	Adelaida 15'	quad on slide	Lower Miocene	Newbill		
5349	San Luis Obispo	Cypress Mountain	2021		center of quad	69-F			Lower Miocene	Newbill		
5350	San Luis Obispo	Cypress Mountain	7081		Cambria Road	48-I	Adelaida 15'		no paleo info			
5351	San Luis Obispo	Cypress Mountain	11315		S of Cypress Mtn	123-J	Adelaida 15'	area F-2	Zemorrian	Kistler		
5352	San Luis Obispo	Cypress Mountain	11316		S of Cypress Mtn	159-N	Adelaida 15'		not diagnostic			
5353	San Luis Obispo	Cypress Mountain	11611		Santa Rosa Creek	79-J			prob Zemorrian	Kraetsch		
5354	San Luis Obispo	Cypress Mountain	11612		Santa Rosa Creek	79-J			not diagnostic	Kraetsch		
5355	San Luis Obispo	Cypress Mountain	23131		NE corner quad	252-A		age from map	Middle Miocene	Strahan		
5356	San Luis Obispo	Cypress Mountain	30978		SW of Cypress Mt	99-H			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		
5357	San Luis Obispo	Cypress Mountain	30979		SW of Cypress Mt	99-H				not diagnostic		
5358	San Luis Obispo	Cypress Mountain	30981	1	SW of Cypress Mt	99-H			Luisian?			
5359	San Luis Obispo	Cypress Mountain	30981	2	SW of Cypress Mt	99-H			Middle Miocene			
5360	San Luis Obispo	Cypress Mountain	30981	3	SW of Cypress Mt	99-H			Middle Miocene			
5361	San Luis Obispo	Cypress Mountain	30981	4	SW of Cypress Mt	99-H			Lower Saucesian			
5362	San Luis Obispo	Cypress Mountain	30981	5	SW of Cypress Mt	99-H			Saucesian			
5363	San Luis Obispo	Cypress Mountain?	2014		not on map	69-F	Adelaida 15'	quad on slide	Luisian	Newbill		
5364	San Luis Obispo	Cypress Mountain?	2015		not on map	69-F	Adelaida 15'	quad on slide	Relizian	Newbill		
5365	San Luis Obispo	Cypress Mountain?	2016		not on map	69-F	Adelaida 15'	quad on slide	Relizian	Newbill		
5366	San Luis Obispo	Cypress Mountain?	2017		not on map	69-F	Adelaida 15'	quad on slide	Lower Miocene	Newbill		
5367	San Luis Obispo	Cypress Mountain?	11610		not on map	79-J		abun Siphon	Zemorrian	Kraetsch		
5368	Orange	Dana Point	648	1	Coyote Bluff	68-l				barren or not diag.		
5369	Orange	Dana Point	648	2	Coyote Bluff	68-l				barren or not diag.		
5370	Orange	Dana Point	648	5	Coyote Bluff	68-l				barren or not diag.		
5371	Orange	Dana Point	648	6	Coyote Bluff	68-l				barren or not diag.		
5372	Orange	Dana Point	648	7	Coyote Bluff	68-l				barren or not diag.		
5373	Orange	Dana Point	648	15	Coyote Bluff	68-l				barren or not diag.		
5374	Orange	Dana Point	648	29	Coyote Bluff	68-l				barren or not diag.		
5375	Orange	Dana Point	648	30	Coyote Bluff	68-l				barren or not diag.		
5376	Orange	Dana Point	648	31	Coyote Bluff	68-l				barren or not diag.		
5377	Orange	Dana Point	648	32	Coyote Bluff	68-l				barren or not diag.		
5378	Orange	Dana Point	648	33	Coyote Bluff	68-l				barren or not diag.		
5379	Orange	Dana Point	648	34	Coyote Bluff	68-l				barren or not diag.		
5380	Orange	Dana Point	648	35	Coyote Bluff	68-l				barren or not diag.		
5381	Orange	Dana Point	648	36	Coyote Bluff	68-l				barren or not diag.		
5382	Orange	Dana Point	648	37	Coyote Bluff	68-l				barren or not diag.		
5383	Orange	Dana Point	648	38	Coyote Bluff	68-l				barren or not diag.		
5384	Orange	Dana Point	648	39	Coyote Bluff	68-l				barren or not diag.		
5385	Orange	Dana Point	648	40	Coyote Bluff	68-l				barren or not diag.		
5386	Orange	Dana Point	648	41	Coyote Bluff	68-l				barren or not diag.		
5387	Orange	Dana Point	648	42	Coyote Bluff	68-l				barren or not diag.		
5388	Orange	Dana Point	648	43	Coyote Bluff	68-l				barren or not diag.		
5389	Orange	Dana Point	648	44	Coyote Bluff	68-l				barren or not diag.		
5390	Orange	Dana Point	648	45	Coyote Bluff	68-l				barren or not diag.		
5391	Orange	Dana Point	684	1	Deep Canyon	68-K				no paleo report		
5392	Orange	Dana Point	684	2	Deep Canyon	68-K				no paleo report		
5393	Orange	Dana Point	684	3	Deep Canyon	68-K				no paleo report		
5394	Orange	Dana Point	684	4	Deep Canyon	68-K				no paleo report		
5395	Orange	Dana Point	684	5	Deep Canyon	68-K				no paleo report		
5396	Orange	Dana Point	684	6	Deep Canyon	68-K				no paleo report		
5397	Orange	Dana Point	684	7	Deep Canyon	68-K				no paleo report		
5398	Orange	Dana Point	684	8	Deep Canyon	68-K				no paleo report		
5399	Orange	Dana Point	684	9	Deep Canyon	68-K				no paleo report		
5400	Orange	Dana Point	684	10	Deep Canyon	68-K				no paleo report		
5401	Orange	Dana Point	684	11	Deep Canyon	68-K				no paleo report		
5402	Orange	Dana Point	684	12	Deep Canyon	68-K				no paleo report		
5403	Orange	Dana Point	684	13	Deep Canyon	68-K				no paleo report		
5404	Orange	Dana Point	684	14	Deep Canyon	68-K				no paleo report		
5405	Orange	Dana Point	684	15	Deep Canyon	68-K				no paleo report		
5406	Orange	Dana Point	684	16	Deep Canyon	68-K				no paleo report		
5407	Orange	Dana Point	684	17	Deep Canyon	68-K				no paleo report		
5408	Orange	Dana Point	684	18	Deep Canyon	68-K				no paleo report		
5409	Orange	Dana Point	684	19	Deep Canyon	68-K				no paleo report		
5410	Orange	Dana Point	684	20	Deep Canyon	68-K				no paleo report		
5411	Orange	Dana Point	684	21	Deep Canyon	68-K				no paleo report		
5412	Orange	Dana Point	684	22	Deep Canyon	68-K				no paleo report		
5413	Orange	Dana Point	684	23	Deep Canyon	68-K				no paleo report		
5414	Orange	Dana Point	684	24	Deep Canyon	68-K				no paleo report		
5415	Orange	Dana Point	684	25	Deep Canyon	68-K				no paleo report		
5416	Orange	Dana Point	684	26	Deep Canyon	68-K				no paleo report		
5417	Orange	Dana Point	684	27	Deep Canyon	68-K				no paleo report		
5418	Orange	Dana Point	684	28	Deep Canyon	68-K				no paleo report		
5419	Orange	Dana Point	684	29	Deep Canyon	68-K				no paleo report		
5420	Orange	Dana Point	684	30	Deep Canyon	68-K				no paleo report		
5421	Orange	Dana Point	684	31	Deep Canyon	68-K				no paleo report		
5422	Orange	Dana Point	684	32	Deep Canyon	68-K				no paleo report		
5423	Orange	Dana Point	684	33	Deep Canyon	68-K				no paleo report		
5424	Orange	Dana Point	684	34	Deep Canyon	68-K				no paleo report		
5425	Orange	Dana Point	684	35	Deep Canyon	68-K				no paleo report		
5426	Orange	Dana Point	684	36	Deep Canyon	68-K				no paleo report		
5427	Orange	Dana Point	684	37	Deep Canyon	68-K				no paleo report		
5428	Orange	Dana Point	684	38	Deep Canyon	68-K				no paleo report		
5429	Orange	Dana Point	684	39	Deep Canyon	68-K				no paleo report		
5430	Orange	Dana Point	684	40	Deep Canyon	68-K				no paleo report		
5431	Orange	Dana Point	684	41	Deep Canyon	68-K				no paleo report		
5432	Orange	Dana Point	684	42	Deep Canyon	68-K				no paleo report		
5433	Orange	Dana Point	684	43	Deep Canyon	68-K				no paleo report		
5434	Orange	Dana Point	684	44	Deep Canyon	68-K				no paleo report		
5435	Orange	Dana Point	684	45	Deep Canyon	68-K				no paleo report		
5436	Orange	Dana Point	8194		Deep Canyon	68-l				no paleo info		
5437	Orange	Dana Point	8213		N of Dana Point	no #				no paleo info		
5438	Orange	Dana Point	8214		N of Dana Point	no #				no paleo info		
5439	Santa Cruz	Davenport	4991		in Davenport	123-F	Ben Lomond 15'		Miocene	Starke		
5440	Santa Cruz	Davenport	5988		Scott Ck mouth	147-A		one planktic	not diagnostic	Starke &		
5441	San Diego	Del Mar	6009		Del Mar	56-C			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		
5442	San Diego	Del Mar	6011		Camp Matthews	56-C			Eocene			
5443	San Diego	Del Mar	6013		Torrey Pines Park	56-C			Eocene			
5444	San Diego	Del Mar	6014		Torrey Pines Park	56-C			Eocene			
5445	Solano	Denverton	177	129	Potrero Hills	E-10	not on map		no paleo info			
5446	Solano	Denverton	177	130	Potrero Hills	E-10	not on map		no paleo info			
5447	Solano	Denverton	177	131	Potrero Hills	E-10	not on map		no paleo info			
5448	Solano	Denverton	177	132	Potrero Hills	E-10	not on map		no paleo info			
5449	Solano	Denverton	177	133	Potrero Hills	E-10	not on map		no paleo info			
5450	Solano	Denverton	177	134	Potrero Hills	E-10	not on map		no paleo info			
5451	Solano	Denverton	177	135	Potrero Hills	E-10	not on map		no paleo info			
5452	Solano	Denverton	177	136	Potrero Hills	E-10	not on map		no paleo info			
5453	Solano	Denverton	177	137	Potrero Hills	E-10	not on map		no paleo info			
5454	Solano	Denverton	177	138	Potrero Hills	E-10	not on map		no paleo info			
5455	Solano	Denverton	177	139	Potrero Hills	E-10	not on map		no paleo info			
5456	Solano	Denverton	177	140	Potrero Hills	E-10	not on map		no paleo info			
5457	Solano	Denverton	177	141	Potrero Hills	E-10	not on map		no paleo info			
5458	Solano	Denverton	177	142	Potrero Hills	E-10	not on map		no paleo info			
5459	Solano	Denverton	177	151	Potrero Hills	E-10	not on map		no paleo info			
5460	Solano	Denverton	177	152	Potrero Hills	E-10	not on map		no paleo info			
5461	Solano	Denverton	177	153	Potrero Hills	E-10	not on map		no paleo info			
5462	Solano	Denverton	177	155	Potrero Hills	E-10	not on map		no paleo info			
5463	Solano	Denverton	177	156	Potrero Hills	E-10	not on map		no paleo info			
5464	Solano	Denverton	177	157	Potrero Hills	E-10	not on map		no paleo info			
5465	Solano	Denverton	177	158	Potrero Hills	E-10	not on map		no paleo info			
5466	Solano	Denverton	177	159	Potrero Hills	E-10	not on map		no paleo info			
5467	Solano	Denverton	177	161	Potrero Hills	E-10	not on map		no paleo info			
5468	Solano	Denverton	177	162	Potrero Hills	E-10	not on map		no paleo info			
5469	Solano	Denverton	177	163	Potrero Hills	E-10	not on map		no paleo info			
5470	Solano	Denverton	177	164	Potrero Hills	E-10	not on map		no paleo info			
5471	Solano	Denverton	177	165	Potrero Hills	E-10	not on map		no paleo info			
5472	Solano	Denverton	177	166	Potrero Hills	E-10	not on map		no paleo info			
5473	Solano	Denverton	1012		Bradmoor Island	A-13	not on map		Tertiary			
5474	Solano	Denverton	1014		Bradmoor Island	A-13	13/4N/1W	not on map	Cretaceous F zone			
5475	Solano	Denverton	1017		Potrero Hills	A-13	not on map		Eocene			
5476	Solano	Denverton	1025	100	Geoph CH	49-N	not on map Check	Capay	Eocene			
5477	Solano	Denverton	1025	105	Geoph CH	49-N	geophysical maps	Capay	Eocene			
5478	Solano	Denverton	1025	110	Geoph CH	49-N	Denverton area.	Capay	Eocene			
5479	Solano	Denverton	1025	115	Geoph CH	49-N	Report says	Capay	Eocene			
5480	Solano	Denverton	1025	120	Geoph CH	49-N	18/4N/1E	Capay	Eocene			
5481	Solano	Denverton	1025	125	Geoph CH	49-N		Capay	Eocene			
5482	Solano	Denverton	1025	130	Geoph CH	49-N		Capay	Eocene			
5483	Solano	Denverton	1026	120	Geoph CH	50-I	12/4N/1W	Capay	Eocene			
5484	Solano	Denverton	1026	125	Geoph CH	50-I		Capay	Eocene			
5485	Solano	Denverton	1026	130	Geoph CH	50-I		Capay	Eocene			
5486	Solano	Denverton	1026	135	Geoph CH	50-I		Capay	Eocene			
5487	Solano	Denverton	1026	140	Geoph CH	50-I		Capay	Eocene			
5488	Solano	Denverton	1026	145	Geoph CH	50-I		Capay	Eocene			
5489	Solano	Denverton	1026	150	Geoph CH	50-I		Capay	Eocene			
5490	Solano	Denverton	1026	155	Geoph CH	50-I		Capay	Eocene			
5491	Solano	Denverton	1033	60	Geoph CH	51-G		18/4N/1E	Eocene			
5492	Solano	Denverton	1033	70	Geoph CH	51-F		Capay	Eocene			
5493	Solano	Denverton	1033	80	Geoph CH	51-F		Capay	Eocene			
5494	Solano	Denverton	1033	90	Geoph CH	51-F		Capay	Eocene			
5495	Solano	Denverton	1033	100	Geoph CH	51-F		Capay	Eocene			
5496	Solano	Denverton	1033	110	Geoph CH	51-F		Capay	Eocene			
5497	Solano	Denverton	1033	120	Geoph CH	51-F		Capay	Eocene			
5498	Solano	Denverton	1034	55	Geoph CH	51-F		13/4N/1W	Eocene			
5499	Solano	Denverton	1034	60	Geoph CH	51-F		Capay	Eocene			
5500	Solano	Denverton	1034	70	Geoph CH	51-F		Capay	Eocene			
5501	Solano	Denverton	1034	75	Geoph CH	51-F		Capay	Eocene			
5502	Solano	Denverton	1034	80	Geoph CH	51-F		Capay	Eocene			
5503	Solano	Denverton	1034	85	Geoph CH	51-F		Capay	Eocene			
5504	Solano	Denverton	1034	90	Geoph CH	51-F		Capay	Eocene			
5505	Solano	Denverton	1034	100	Geoph CH	51-F		Capay	Eocene			
5506	Solano	Denverton	1034	110	Geoph CH	51-F		Capay	Eocene			
5507	Solano	Denverton	1034	120	Geoph CH	51-F		Capay	Eocene			
5508	Solano	Denverton	1034	130	Geoph CH	51-F		Capay	Eocene			
5509	Solano	Denverton	1034	140	Geoph CH	51-F		Capay	Eocene			
5510	Solano	Denverton	1034	150	Geoph CH	51-F		Capay	Eocene			
5511	Solano	Denverton	1034	160	Geoph CH	51-F		Capay	Eocene			
5512	Solano	Denverton	1034	170	Geoph CH	51-F		Capay	Eocene			
5513	Solano	Denverton	1034	180	Geoph CH	51-F		Capay	Eocene			
5514	Solano	Denverton	1034	190	Geoph CH	51-F		Capay	Eocene			
5515	Solano	Denverton	1034	200	Geoph CH	51-F		Capay	Eocene			
5516	Solano	Denverton	1034	210	Geoph CH	51-F		Capay	Eocene			
5517	Solano	Denverton	1036	100	Geoph CH	51-B		Capay	Eocene			
5518	Solano	Denverton	1036	105	Geoph CH	51-B		Capay	Eocene			
5519	Solano	Denverton	1036	110	Geoph CH	51-B		Capay	Eocene			
5520	Solano	Denverton	1036	120	Geoph CH	51-B		Capay	Eocene			
5521	Solano	Denverton	1036	120	Geoph CH	51-B		Capay	Eocene			
5522	Solano	Denverton	1038	50	Geoph CH	51-F		Capay	Eocene			
5523	Solano	Denverton	1038	60	Geoph CH	51-F		Capay	Eocene			
5524	Solano	Denverton	1038	66	Geoph CH	51-F		Capay	Eocene			
5525	Solano	Denverton	1038	66	Geoph CH	51-F		Capay	Eocene			
5526	Solano	Denverton	1038	80	Geoph CH	51-F		Capay	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		
5527	Solano	Denverton	1038	90	Geoph CH	51-F		Capay	Eocene			
5528	Solano	Denverton	1038	100	Geoph CH	51-F		Capay	Eocene			
5529	Solano	Denverton	1038	110	Geoph CH	51-F		Capay	Eocene			
5530	Solano	Denverton	1038	150	Geoph CH	51-F		Capay	Eocene			
5531	Solano	Denverton	1038	160	Geoph CH	51-F		Capay	Eocene			
5532	Solano	Denverton	1038	170	Geoph CH	51-F			Cretaceous			
5533	Solano	Denverton	1038	180	Geoph CH	51-F			Cretaceous			
5534	Solano	Denverton	1038	190	Geoph CH	51-F			Cretaceous			
5535	Solano	Denverton	1039	100	Geoph CH	51-B		Capay	Eocene			
5536	Solano	Denverton	1040	60	Geoph CH	53-D	Mixed Upper	13/4N/1W	Mixed Cret/Eocene			
5537	Solano	Denverton	1040	60	Geoph CH	53-D	Cretaceous and	1425' N and	Mixed Cret/Eocene			
5538	Solano	Denverton	1040	70	Geoph CH	53-D	Eocene forams	100' W from	Mixed Cret/Eocene			
5539	Solano	Denverton	1040	80	Geoph CH	53-D	suggest either	SE corner	Mixed Cret/Eocene			
5540	Solano	Denverton	1040	90	Geoph CH	53-D	reworking, caving		Mixed Cret/Eocene			
5541	Solano	Denverton	1040	100	Geoph CH	53-D	or faulting from		Mixed Cret/Eocene			
5542	Solano	Denverton	1040	110	Geoph CH	53-E	top to bottom of		Mixed Cret/Eocene			
5543	Solano	Denverton	1040	120	Geoph CH	53-E	drill hole. Not sure		Mixed Cret/Eocene			
5544	Solano	Denverton	1040	130	Geoph CH	53-E	if these are cores		Mixed Cret/Eocene			
5545	Solano	Denverton	1040	140	Geoph CH	53-E	or drill stem		Mixed Cret/Eocene			
5546	Solano	Denverton	1040	150	Geoph CH	53-E	samples. Probably		Mixed Cret/Eocene			
5547	Solano	Denverton	1040	160	Geoph CH	53-E	ditch samples like		Mixed Cret/Eocene			
5548	Solano	Denverton	1040	170	Geoph CH	53-E	those in 1042.		Mixed Cret/Eocene			
5549	Solano	Denverton	1040	180	Geoph CH	53-E			Mixed Cret/Eocene			
5550	Solano	Denverton	1040	190	Geoph CH	53-E			Mixed Cret/Eocene			
5551	Solano	Denverton	1040	200	Geoph CH	53-E			Mixed Cret/Eocene			
5552	Solano	Denverton	1040	210	Geoph CH	53-E			Mixed Cret/Eocene			
5553	Solano	Denverton	1040	220	Geoph CH	53-E			Mixed Cret/Eocene			
5554	Solano	Denverton	1040	230	Geoph CH	53-E			Mixed Cret/Eocene			
5555	Solano	Denverton	1040	240	Geoph CH	53-E			Mixed Cret/Eocene			
5556	Solano	Denverton	1040	250	Geoph CH	53-E			Mixed Cret/Eocene			
5557	Solano	Denverton	1040	260	Geoph CH	53-E			Mixed Cret/Eocene			
5558	Solano	Denverton	1040	270	Geoph CH	53-E			Mixed Cret/Eocene			
5559	Solano	Denverton	1040	280	Geoph CH	53-E			Mixed Cret/Eocene			
5560	Solano	Denverton	1040	290	Geoph CH	53-E			Mixed Cret/Eocene			
5561	Solano	Denverton	1040	300	Geoph CH	53-E			Mixed Cret/Eocene			
5562	Solano	Denverton	1040	310	Geoph CH	53-E			Mixed Cret/Eocene			
5563	Solano	Denverton	1040	320	Geoph CH	53-E			Mixed Cret/Eocene			
5564	Solano	Denverton	1040	330	Geoph CH	53-E			Mixed Cret/Eocene			
5565	Solano	Denverton	1040	340	Geoph CH	53-E			Mixed Cret/Eocene			
5566	Solano	Denverton	1040	350	Geoph CH	53-E			Mixed Cret/Eocene			
5567	Solano	Denverton	1040	360	Geoph CH	53-E			Mixed Cret/Eocene			
5568	Solano	Denverton	1040	370	Geoph CH	53-E			Mixed Cret/Eocene			
5569	Solano	Denverton	1040	380	Geoph CH	53-E			Mixed Cret/Eocene			
5570	Solano	Denverton	1040	390	Geoph CH	53-E			Mixed Cret/Eocene			
5571	Solano	Denverton	1040	400	Geoph CH	53-E			Mixed Cret/Eocene			
5572	Solano	Denverton	1040	410	Geoph CH	53-E			Mixed Cret/Eocene			
5573	Solano	Denverton	1040	420	Geoph CH	53-E			Mixed Cret/Eocene			
5574	Solano	Denverton	1040	430	Geoph CH	53-E			Mixed Cret/Eocene			
5575	Solano	Denverton	1042	80	Geoph CH	53-E		13/4N/1W	Eocene			
5576	Solano	Denverton	1042	80	Geoph CH	53-E		1438'N and	Eocene			
5577	Solano	Denverton	1042	100	Geoph CH	53-E		25'W from SE	Eocene			
5578	Solano	Denverton	1042	110	Geoph CH	53-E		corner. Ditch	Eocene			
5579	Solano	Denverton	1042	120	Geoph CH	53-E		samples	Eocene			
5580	Solano	Denverton	1042	130	Geoph CH	53-E		Capay	Eocene			
5581	Solano	Denverton	1042	140	Geoph CH	53-E		Capay	Eocene			
5582	Solano	Denverton	1042	150	Geoph CH	53-E		Capay	Eocene			
5583	Solano	Denverton	1042	160	Geoph CH	53-E		Capay	Eocene			
5584	Solano	Denverton	1042	170	Geoph CH	53-E		Capay	Eocene			
5585	Solano	Denverton	1042	180	Geoph CH	53-E		Capay	Eocene			
5586	Solano	Denverton	1042	190	Geoph CH	53-E		Capay	Eocene			
5587	Solano	Denverton	1042	200	Geoph CH	53-E		Capay	Eocene			
5588	Solano	Denverton	1042	210	Geoph CH	53-E		Capay	Eocene			
5589	Solano	Denverton	1042	220	Geoph CH	53-E		Capay	Eocene			
5590	Solano	Denverton	1042	230	Geoph CH	53-E		Capay	Eocene			
5591	Solano	Denverton	1042	240	Geoph CH	53-E		Capay	Eocene			
5592	Solano	Denverton	1042	250	Geoph CH	53-E		Capay	Eocene			
5593	Solano	Denverton	1042	260	Geoph CH	53-E		Capay	Eocene			
5594	Solano	Denverton	1042	270	Geoph CH	53-E		Capay	Eocene			
5595	Solano	Denverton	1042	280	Geoph CH	53-E		Capay	Eocene			
5596	Solano	Denverton	1042	290	Geoph CH	53-E		Capay	Eocene			
5597	Solano	Denverton	1042	300	Geoph CH	53-E		Capay	Eocene			
5598	Solano	Denverton	1042	310	Geoph CH	53-E		Capay	Eocene			
5599	Solano	Denverton	1042	320	Geoph CH	53-E		Capay	Eocene			
5600	Solano	Denverton	1042	330	Geoph CH	53-E		Capay	Eocene			
5601	Solano	Denverton	1042	340	Geoph CH	53-E		Capay	Eocene			
5602	Solano	Denverton	1042	350	Geoph CH	53-F		Capay	Eocene			
5603	Solano	Denverton	1042	360	Geoph CH	53-F		Capay	Eocene			
5604	Solano	Denverton	1042	370	Geoph CH	53-F		Capay	Eocene			
5605	Solano	Denverton	1042	380	Geoph CH	53-F		Capay	Eocene			
5606	Solano	Denverton	1042	390	Geoph CH	53-F		Capay	Eocene			
5607	Solano	Denverton	1042	400	Geoph CH	53-F		Capay	Eocene			
5608	Solano	Denverton	1042	410	Geoph CH	53-F		Capay	Eocene			
5609	Solano	Denverton	1042	420	Geoph CH	53-F		Capay	Eocene			
5610	Solano	Denverton	1042	430	Geoph CH	53-F		Capay	Eocene			
5611	Solano	Denverton	1042	440	Geoph CH	53-F		Capay	Eocene			

Chevron data # 2

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		
5612	Solano	Denverton	1042	450	Geoph CH	53-F		Capay	Eocene			
5613	Solano	Denverton	1042	460	Geoph CH	53-F		Capay	Eocene			
5614	Solano	Denverton	1042	470	Geoph CH	53-F		Capay	Mixed Cret/Eocene			
5615	Solano	Denverton	1042	480	Geoph CH	53-F		Capay	Mixed Cret/Eocene			
5616	Solano	Denverton	1042	490	Geoph CH	53-F		Capay	Mixed Cret/Eocene			
5617	Solano	Denverton	1042	500	Geoph CH	53-F		Capay	Mixed Cret/Eocene			
5618	Solano	Denverton	1042	510	Geoph CH	53-F		Capay	Mixed Cret/Eocene			
5619	Solano	Denverton	1042	520	Geoph CH	53-F		Capay	Mixed Cret/Eocene			
5620	Solano	Denverton	1042	530	Geoph CH	53-F		Capay	Mixed Cret/Eocene			
5621	Solano	Denverton	1042	540	Geoph CH	53-F		Capay	Mixed Cret/Eocene			
5622	Solano	Denverton	1042	550	Geoph CH	53-F		Capay	Mixed Cret/Eocene			
5623	Solano	Denverton	1043	70	Geoph CH	115-D	13/4N/1W		Mixed Cret/Eocene			
5624	Solano	Denverton	1043	80	Geoph CH	115-D	1413' N and 96'W		Mixed Cret/Eocene			
5625	Solano	Denverton	1043	90	Geoph CH	115-D	from SE corner.		Mixed Cret/Eocene			
5626	Solano	Denverton	1043	100	Geoph CH	115-D	Ditch samples.		Mixed Cret/Eocene			
5627	Solano	Denverton	1043	110	Geoph CH	115-D	Samples have a		Mixed Cret/Eocene			
5628	Solano	Denverton	1043	120	Geoph CH	115-D	mixture of Eocene		Mixed Cret/Eocene			
5629	Solano	Denverton	1043	130	Geoph CH	115-D	and Cretaceous		Mixed Cret/Eocene			
5630	Solano	Denverton	1043	140	Geoph CH	115-D	forams. See notes		Mixed Cret/Eocene			
5631	Solano	Denverton	1043	150	Geoph CH	115-D	for 1040 above.		Mixed Cret/Eocene			
5632	Solano	Denverton	1043	160	Geoph CH	115-D			Mixed Cret/Eocene			
5633	Solano	Denverton	1043	170	Geoph CH	115-D			Mixed Cret/Eocene			
5634	Solano	Denverton	1043	180	Geoph CH	115-D			Mixed Cret/Eocene			
5635	Solano	Denverton	1043	190	Geoph CH	115-E			Mixed Cret/Eocene			
5636	Solano	Denverton	1043	200	Geoph CH	115-E			Mixed Cret/Eocene			
5637	Solano	Denverton	1043	210	Geoph CH	115-E			Mixed Cret/Eocene			
5638	Solano	Denverton	1043	220	Geoph CH	115-E			Mixed Cret/Eocene			
5639	Solano	Denverton	1043	230	Geoph CH	115-E			Mixed Cret/Eocene			
5640	Solano	Denverton	1043	240	Geoph CH	115-E			Mixed Cret/Eocene			
5641	Solano	Denverton	1043	250	Geoph CH	115-E			Mixed Cret/Eocene			
5642	Solano	Denverton	2493	A	Bradmoor Island	24-F	13/4N/1W (SLP)		barren	Solari		
5643	Solano	Denverton	2493	B	Bradmoor Island	24-F	Kirby Hills cut	rare rads	Eocene?	Solari		
5644	Solano	Denverton	2493	C	Bradmoor Island	24-F			barren	Solari		
5645	Solano	Denverton	13674		Kirby Hills	130-M		Ages not compatible with mapped	Upper Cretaceous	McKay		
5646	Solano	Denverton	13675		Kirby Hills	130-M		Eocene in this area. Localities not	not diagnostic	McKay		
5647	Solano	Denverton	13676		Kirby Hills	130-M		on map.	U Cret F/G-1 zone	McKay		
5648	Solano	Denverton	13900	25	Broadmore Island	218-N	auger samples	age from map	Cretaceous	Park		
5649	Solano	Denverton	13900	50A	Broadmore Island	218-N	13/4N/1W (SLP)	auger samples	Cretaceous	Park		
5650	Solano	Denverton	13900	55	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
5651	Solano	Denverton	13901		Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
5652	Solano	Denverton	13902	45A	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
5653	Solano	Denverton	13902	55	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
5654	Solano	Denverton	13903	30	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
5655	Solano	Denverton	13903	50	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
5656	Solano	Denverton	13903	60	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
5657	Solano	Denverton	13904	35A	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
5658	Solano	Denverton	13904	40	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
5659	Solano	Denverton	13904	40A	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
5660	Solano	Denverton	13905	45	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
5661	Solano	Denverton	13905	55	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
5662	Solano	Denverton	13906	40	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
5663	Solano	Denverton	13906	55	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
5664	Solano	Denverton	13906	55A	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
5665	Solano	Denverton	13907	45	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
5666	Solano	Denverton	13907	55	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
5667	Solano	Denverton	13907	55BS	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
5668	Solano	Denverton	13908	15	Broadmore Island	218-N	13/4N/1W (SLP)	Pittsburg 15'	Cretaceous	Park		
5669	Solano	Denverton	13909	40	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
5670	Solano	Denverton	13909	50	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
5671	Solano	Denverton	13910	50	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
5672	Solano	Denverton	13910	60A	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
5673	Solano	Denverton	13911	25	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
5674	Solano	Denverton	13911	60	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
5675	Solano	Denverton	13911	55	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
5676	Solano	Denverton	13912	35	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
5677	Solano	Denverton	13912	40	Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
5678	Solano	Denverton	13913		Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
5679	Solano	Denverton	13914		Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
5680	Solano	Denverton	13915		Meins Landing	224-I	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
5681	Solano	Denverton	13916		Meins Landing	224-J	13/4N/1W (SLP)	Pittsburg 15'	Eocene	Park		
5682	Solano	Denverton	13917	60	Meins Landing	224-I	6/3N/1E (SLP)	Pittsburg 15'	Eocene	Park		
5683	Solano	Denverton	13917	60A	Meins Landing	224-I	6/3N/1E (SLP)	Pittsburg 15'	Eocene	Park		
5684	Solano	Denverton	13917	60B	Meins Landing	224-I	6/3N/1E (SLP)	Pittsburg 15'	Eocene	Park		
5685	Solano	Denverton	13918	55	Meins Landing	224-J	6/3N/1E (SLP)	Pittsburg 15'	Eocene	Park		
5686	Solano	Denverton	13918	60	Meins Landing	224-J	6/3N/1E (SLP)	Pittsburg 15'	Eocene	Park		
5687	Solano	Denverton	13920		Broadmore Is	218-N	13/4N/1W (SLP)	sa Byron HS	barren	Park		
5688	Solano	Denverton	18746	6	not found	89-C	W Potrero Hills	auger holes E	Paleocene D zone			
5689	Solano	Denverton	18746	7	not found	89-C	W Potrero Hills	auger holes E	not diagnostic			
5690	Solano	Denverton	18746	8	not found	89-C	W Potrero Hills	auger holes E	Paleocene D zone			
5691	Solano	Denverton	18746	9	not found	89-C	W Potrero Hills	auger holes E	Paleocene D zone			
5692	Solano	Denverton	23069		not on map	247-J	Colburn 63	Nortonville	not diagnostic	Colburn		
5693	Solano	Denverton	23070		not on map	247-J	Colburn 62	Domengine	not diagnostic	Colburn		
5694	Solano	Denverton	23071		not on map	247-J	Colburn 64		no paleo info	Colburn		
5695	Solano	Denverton	23072		not on map	247-J	Colburn 61	Capay	Paleocene E zone	Colburn		
5696	Riverside	Desert Hot Springs	10027	4	E of Garnet Station	22-D	Palm Springs 15'	Imperial Fm	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		
5697	Ventura	Devils Heart Peak	426	1	San Emigdio Cree	55-D	see loc # 169 for		Paleocene?			
5698	Ventura	Devils Heart Peak	426	2	Sespe Hot Springs	55-D	strat column		Paleocene?			
5699	Ventura	Devils Heart Peak	426	3	Sespe Hot Springs	55-D			Paleocene?			
5700	Ventura	Devils Heart Peak	426	4	Sespe Hot Springs	55-D			Paleocene?			
5701	Ventura	Devils Heart Peak	426	5	Sespe Hot Springs	55-D			Paleocene?			
5702	Ventura	Devils Heart Peak	426	6	Sespe Hot Springs	55-D			Paleocene?			
5703	Ventura	Devils Heart Peak	426	7	Sespe Hot Springs	55-D			Paleocene?			
5704	Ventura	Devils Heart Peak	426	8	Sespe Hot Springs	55-D			Paleocene?			
5705	Ventura	Devils Heart Peak	426	9	Sespe Hot Springs	55-D			Paleocene?			
5706	Ventura	Devils Heart Peak	426	10	Sespe Hot Springs	55-D			Paleocene?			
5707	Ventura	Devils Heart Peak	426	11	Sespe Hot Springs	55-D			Paleocene?			
5708	Ventura	Devils Heart Peak	426	12	Sespe Hot Springs	55-D			Paleocene?			
5709	Ventura	Devils Heart Peak	426	13	Sespe Hot Springs	55-D			Paleocene?			
5710	Ventura	Devils Heart Peak	426	14	Sespe Hot Springs	55-D			Paleocene?			
5711	Ventura	Devils Heart Peak	427	1	Hot Springs Road	55-C	see loc # 169 for		Paleocene?			
5712	Ventura	Devils Heart Peak	427	2	Hot Springs Road	55-C	strat column		Paleocene?			
5713	Ventura	Devils Heart Peak	427	3	Hot Springs Road	55-C			Paleocene?			
5714	Ventura	Devils Heart Peak	427	4	Hot Springs Road	55-C			Paleocene?			
5715	Ventura	Devils Heart Peak	427	5	Hot Springs Road	55-C			Paleocene?			
5716	Ventura	Devils Heart Peak	427	7	Hot Springs Road	55-C			Paleocene?			
5717	Ventura	Devils Heart Peak	427	8	Hot Springs Road	55-C			Paleocene?			
5718	Ventura	Devils Heart Peak	427	9	Hot Springs Road	55-C			Paleocene?			
5719	Ventura	Devils Heart Peak	428	0	Sespe Creek	60-J			M Eocene A-2 zone			
5720	Ventura	Devils Heart Peak	428	8	Sespe Creek	60-J			M Eocene A-2 zone			
5721	Ventura	Devils Heart Peak	428	9	Sespe Creek	60-J			M Eocene A-2 zone			
5722	Ventura	Devils Heart Peak	428	10	Sespe Creek	60-J			M Eocene A-2 zone			
5723	Ventura	Devils Heart Peak	428	11	Sespe Creek	60-J			M Eocene A-2 zone			
5724	Ventura	Devils Heart Peak	428	12	Sespe Creek	60-J			M Eocene A-2 zone			
5725	Ventura	Devils Heart Peak	428	13	Sespe Creek	60-J			M Eocene A-2 zone			
5726	Ventura	Devils Heart Peak	428	14	Sespe Creek	60-J			M Eocene A-2 zone			
5727	Ventura	Devils Heart Peak	428	17	Sespe Creek	60-J			M Eocene A-2 zone			
5728	Ventura	Devils Heart Peak	428	19	Sespe Creek	60-J			M Eocene A-2 zone			
5729	Ventura	Devils Heart Peak	428	20	Sespe Creek	60-J			M Eocene A-2 zone			
5730	Ventura	Devils Heart Peak	428	21	Sespe Creek	60-J			M Eocene A-2 zone			
5731	Ventura	Devils Heart Peak	428	22	Sespe Creek	60-J			M Eocene A-2 zone			
5732	Ventura	Devils Heart Peak	428	23	Sespe Creek	60-J			M Eocene A-2 zone			
5733	Ventura	Devils Heart Peak	428	24	Sespe Creek	60-J			M Eocene A-2 zone			
5734	Ventura	Devils Heart Peak	428	25	Sespe Creek	60-J			M Eocene A-2 zone			
5735	Ventura	Devils Heart Peak	428	26	Sespe Creek	60-J			M Eocene A-2 zone			
5736	Ventura	Devils Heart Peak	428	27	Sespe Creek	60-J			M Eocene A-2 zone			
5737	Ventura	Devils Heart Peak	428	28	Sespe Creek	60-K			M Eocene A-2 zone			
5738	Ventura	Devils Heart Peak	428	29	Sespe Creek	60-K			M Eocene A-2 zone			
5739	Ventura	Devils Heart Peak	428	30	Sespe Creek	60-K			M Eocene A-2 zone			
5740	Ventura	Devils Heart Peak	428	31	Sespe Creek	60-K			M Eocene A-2 zone			
5741	Ventura	Devils Heart Peak	428	32	Sespe Creek	60-K			M Eocene A-2 zone			
5742	Ventura	Devils Heart Peak	428	33	Sespe Creek	60-K			M Eocene A-2 zone			
5743	Ventura	Devils Heart Peak	428	34	Sespe Creek	60-K			M Eocene A-2 zone			
5744	Ventura	Devils Heart Peak	428	35	Sespe Creek	60-K			M Eocene A-2 zone			
5745	Ventura	Devils Heart Peak	428	36	Sespe Creek	60-K			M Eocene A-2 zone			
5746	Ventura	Devils Heart Peak	428	37	Sespe Creek	60-K			M Eocene A-2 zone			
5747	Ventura	Devils Heart Peak	428	39	Sespe Creek	60-K			M Eocene A-2 zone			
5748	Ventura	Devils Heart Peak	428	40	Sespe Creek	60-K			M Eocene A-2 zone			
5749	Ventura	Devils Heart Peak	428	41	Sespe Creek	60-K			M Eocene A-2 zone			
5750	Ventura	Devils Heart Peak	428	42	Sespe Creek	60-K			M Eocene A-2 zone			
5751	Ventura	Devils Heart Peak	428	43	Sespe Creek	60-K			M Eocene A-2 zone			
5752	Ventura	Devils Heart Peak	428	44	Sespe Creek	60-K			M Eocene A-2 zone			
5753	Ventura	Devils Heart Peak	428	45	Sespe Creek	60-K			M Eocene A-2 zone			
5754	Ventura	Devils Heart Peak	428	46	Sespe Creek	60-K			M Eocene A-2 zone			
5755	Ventura	Devils Heart Peak	428	47	Sespe Creek	60-K			M Eocene A-2 zone			
5756	Ventura	Devils Heart Peak	428	48	Sespe Creek	60-K			M Eocene A-2 zone			
5757	Ventura	Devils Heart Peak	428	49	Sespe Creek	60-K			M Eocene A-2 zone			
5758	Ventura	Devils Heart Peak	428	50	Sespe Creek	60-K			M Eocene A-2 zone			
5759	Ventura	Devils Heart Peak	428	51	Sespe Creek	60-K			M Eocene A-2 zone			
5760	Ventura	Devils Heart Peak	428	52	Sespe Creek	60-K			M Eocene A-2 zone			
5761	Ventura	Devils Heart Peak	428	53	Sespe Creek	60-K			M Eocene A-2 zone			
5762	Ventura	Devils Heart Peak	428	55	Sespe Creek	60-K			M Eocene A-2 zone			
5763	Ventura	Devils Heart Peak	428	56	Sespe Creek	60-K			M Eocene A-2 zone			
5764	Ventura	Devils Heart Peak	428	59	Sespe Creek	60-K			M Eocene A-2 zone			
5765	Ventura	Devils Heart Peak	428	61	Sespe Creek	60-K			M Eocene A-2 zone			
5766	Ventura	Devils Heart Peak	428	62	Sespe Creek	60-K			M Eocene A-2 zone			
5767	Ventura	Devils Heart Peak	428	63	Sespe Creek	60-K			M Eocene A-2 zone			
5768	Ventura	Devils Heart Peak	428	64	Sespe Creek	60-K			M Eocene A-2 zone			
5769	Ventura	Devils Heart Peak	428	65	Sespe Creek	60-K			M Eocene A-2 zone			
5770	Ventura	Devils Heart Peak	2909		Sespe Creek	12-L			no paleo info			
5771	Ventura	Devils Heart Peak	2910		Sespe Creek	12-L			no paleo info			
5772	Ventura	Devils Heart Peak	2911		Sespe Creek	12-L			no paleo info			
5773	Ventura	Devils Heart Peak	2912		Sespe Creek	12-L			no paleo info			
5774	Ventura	Devils Heart Peak	6451		Sespe Creek	60-K			Eocene			
5775	Ventura	Devils Heart Peak	6452		Sespe Creek	60-K			Eocene			
5776	Tehama	DeWitt Peak	5241		Antelope Creek	152-C	no map provided	very nice bugs	U Cret G-1 zone	Helm		
5777	Tehama	DeWitt Peak	5242		Antelope Creek	152-C	no map provided	very nice bugs	U Cret G-1 zone	Helm		
5778	Tehama	DeWitt Peak	5243		Antelope Creek	152-C	no map provided	very nice bugs	U Cret G-1 zone	Helm		
5779	Tehama	DeWitt Peak	5244		Antelope Creek	152-C	no map provided	very nice bugs	U Cret G-1 zone	Helm		
5780	Contra Costa	Diablo	13886		not on map	241-G	13/1S/1W (SLP)		no paleo info	RLD		
5781	Contra Costa	Diablo	13887		South Gate Road	241-G	11/1S/1W (SLP)	age inferred	Lower Cretaceous			

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		
5782	Contra Costa	Diablo	21367	557	Curry Canyon	208-D		abun planktics	Eocene B-1 zpme	Colburn		
5783	Contra Costa	Diablo	21368	559	Curry Canyon	208-D			Cret/Paleocene	Colburn		
5784	Contra Costa	Diablo	21389	86	NW part of quad	208-E			Eocene B-1 zone	Colburn		
5785	Contra Costa	Diablo	21391	88	NC part of quad	208-E			Eocene B-1 zone	Colburn		
5786	Contra Costa	Diablo	21397	93	NC part of quad	208-E			Eocene B-1 zone	Colburn		
5787	Contra Costa	Diablo	21401	27A	NE part of quad	208-E			Eocene/Paleocene	Colburn		
5788	Contra Costa	Diablo	21466	1B	Curry Canyon	226-H	Mt Diablo auger		L Cret J zone	Brenna		
5789	Contra Costa	Diablo	21466	2	Curry Canyon	226-H	Mt Diablo auger		L Cret J-1 zone	Brenna		
5790	Contra Costa	Diablo	22044	A	Diablo Park HQ	103-K			no paleo info			
5791	Contra Costa	Diablo	22044	B	Diablo Park HQ	103-K			no paleo info			
5792	Contra Costa	Diablo	22045	A	Diablo Park HQ	103-K			no paleo info			
5793	Contra Costa	Diablo	22045	B	Diablo Park HQ	103-K			no paleo info			
5794	Contra Costa	Diablo	22046		NW of Park HQ	103-K	see slide 21454		no paleo info			
5795	Fresno	Domengine Ranch	130	80	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5796	Fresno	Domengine Ranch	130	75	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5797	Fresno	Domengine Ranch	130	70	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5798	Fresno	Domengine Ranch	130	65	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5799	Fresno	Domengine Ranch	130	60	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5800	Fresno	Domengine Ranch	130	55	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5801	Fresno	Domengine Ranch	130	15	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5802	Fresno	Domengine Ranch	130	20	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5803	Fresno	Domengine Ranch	130	25	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5804	Fresno	Domengine Ranch	130	10	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5805	Fresno	Domengine Ranch	130	15	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5806	Fresno	Domengine Ranch	130	20	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5807	Fresno	Domengine Ranch	130	0.5	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5808	Fresno	Domengine Ranch	130	5	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5809	Fresno	Domengine Ranch	130	10	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5810	Fresno	Domengine Ranch	130	top	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5811	Fresno	Domengine Ranch	130	0.5	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5812	Fresno	Domengine Ranch	130	5	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5813	Fresno	Domengine Ranch	130	25	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5814	Fresno	Domengine Ranch	130	30	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5815	Fresno	Domengine Ranch	130	35	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5816	Fresno	Domengine Ranch	130	40	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5817	Fresno	Domengine Ranch	130	45	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5818	Fresno	Domengine Ranch	130	50	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5819	Fresno	Domengine Ranch	130	55	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5820	Fresno	Domengine Ranch	130	60	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5821	Fresno	Domengine Ranch	130	65	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5822	Fresno	Domengine Ranch	130	70	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5823	Fresno	Domengine Ranch	130	75	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5824	Fresno	Domengine Ranch	130	80	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5825	Fresno	Domengine Ranch	130	90	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5826	Fresno	Domengine Ranch	130	100	SW part of quad	D-8	Joaquin Rocks 15'		Eocene			
5827	Fresno	Domengine Ranch	131	100	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
5828	Fresno	Domengine Ranch	131	110	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
5829	Fresno	Domengine Ranch	131	120	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
5830	Fresno	Domengine Ranch	131	130	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
5831	Fresno	Domengine Ranch	131	140	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
5832	Fresno	Domengine Ranch	131	200	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
5833	Fresno	Domengine Ranch	131	290	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
5834	Fresno	Domengine Ranch	131	30	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
5835	Fresno	Domengine Ranch	131	25	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
5836	Fresno	Domengine Ranch	131	10	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
5837	Fresno	Domengine Ranch	131	5	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
5838	Fresno	Domengine Ranch	131	basal	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
5839	Fresno	Domengine Ranch	131	5	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
5840	Fresno	Domengine Ranch	131	10	SW part of quad	D-8	Joaquin Rocks 15'	trench	Eocene			
5841	Fresno	Domengine Ranch	132	A1-55	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	U Eoc A-2 zone			
5842	Fresno	Domengine Ranch	132	A1-50	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	U Eoc A-2 zone			
5843	Fresno	Domengine Ranch	132	A1-45	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	U Eoc A-2 zone			
5844	Fresno	Domengine Ranch	132	A1-40	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	M Eoc B-1 zone			
5845	Fresno	Domengine Ranch	132	A1-35A	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	M Eoc B-1 zone			
5846	Fresno	Domengine Ranch	132	A1-35B	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	M Eoc B-1 zone			
5847	Fresno	Domengine Ranch	132	A1-30	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	M Eoc B-1 zone			
5848	Fresno	Domengine Ranch	132	A1-25	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	M Eoc B-1 zone			
5849	Fresno	Domengine Ranch	132	A1-20	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	M Eoc B-1 zone			
5850	Fresno	Domengine Ranch	132	A1-15	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	M Eoc B-1 zone			
5851	Fresno	Domengine Ranch	132	A1-10	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	M Eoc B-1 zone			
5852	Fresno	Domengine Ranch	132	A1-00	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	M Eoc B-1 zone			
5853	Fresno	Domengine Ranch	132	A2-165	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	L Eoc B-2/B-3			
5854	Fresno	Domengine Ranch	132	A2-160	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	L Eoc B-2/B-3			
5855	Fresno	Domengine Ranch	132	A2-155	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	L Eoc B-2/B-3			
5856	Fresno	Domengine Ranch	132	A2-140	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	L Eoc B-2/B-3			
5857	Fresno	Domengine Ranch	132	A2-135	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	L Eoc B-2/B-3			
5858	Fresno	Domengine Ranch	132	A2-125	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	L Eoc B-2/B-3			
5859	Fresno	Domengine Ranch	132	A2-120	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	L Eoc B-2/B-3			
5860	Fresno	Domengine Ranch	132	A2-115	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	L Eoc B-2/B-3			
5861	Fresno	Domengine Ranch	132	A2-110	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	L Eoc B-2/B-3			
5862	Fresno	Domengine Ranch	132	A2-105	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	L Eoc B-2/B-3			
5863	Fresno	Domengine Ranch	132	A2-100	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	L Eoc B-2/B-3			
5864	Fresno	Domengine Ranch	132	A2-95	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	L Eoc B-2/B-3			
5865	Fresno	Domengine Ranch	132	A2-90	SW part of quad	D-9	Joaquin Rocks 15'	trench, strat c	L Eoc B-2/B-3			
5866	Fresno	Domengine Ranch	132	A2-85	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		
5952	Fresno	Domengine Ranch	132	A4-130	SW part of quad	D-10	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
5953	Fresno	Domengine Ranch	132	A4-125	SW part of quad	D-10	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
5954	Fresno	Domengine Ranch	132	A4-120	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
5955	Fresno	Domengine Ranch	132	A4-115	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
5956	Fresno	Domengine Ranch	132	A4-110	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
5957	Fresno	Domengine Ranch	132	A4-105	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
5958	Fresno	Domengine Ranch	132	A4-100	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
5959	Fresno	Domengine Ranch	132	A4-95	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
5960	Fresno	Domengine Ranch	132	A4-90	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
5961	Fresno	Domengine Ranch	132	A4-85	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
5962	Fresno	Domengine Ranch	132	A4-80	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
5963	Fresno	Domengine Ranch	132	A4-75	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
5964	Fresno	Domengine Ranch	132	A4-70	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene B-4			
5965	Fresno	Domengine Ranch	132	A4-65	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene C zone			
5966	Fresno	Domengine Ranch	132	A4-60	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene C zone			
5967	Fresno	Domengine Ranch	132	A4-55	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene C zone			
5968	Fresno	Domengine Ranch	132	A4-50	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene C zone			
5969	Fresno	Domengine Ranch	132	A4-45	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene C zone			
5970	Fresno	Domengine Ranch	132	A4-40	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene C zone			
5971	Fresno	Domengine Ranch	132	A4-35	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene C zone			
5972	Fresno	Domengine Ranch	132	A4-30	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene C zone			
5973	Fresno	Domengine Ranch	132	A4-28	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene C zone			
5974	Fresno	Domengine Ranch	132	A4-25	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	L Eocene C zone			
5975	Fresno	Domengine Ranch	132	A4-20	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
5976	Fresno	Domengine Ranch	132	A4-15	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
5977	Fresno	Domengine Ranch	132	A4-09	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
5978	Fresno	Domengine Ranch	132	A4-05	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
5979	Fresno	Domengine Ranch	132	A4-03	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
5980	Fresno	Domengine Ranch	132	A4-00	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
5981	Fresno	Domengine Ranch	132	slide 1	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
5982	Fresno	Domengine Ranch	132	slide 2	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
5983	Fresno	Domengine Ranch	132	slide 3	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
5984	Fresno	Domengine Ranch	132	slide 4	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
5985	Fresno	Domengine Ranch	132	slide 5	SW part of quad	D-11	Joaquin Rocks 15	trench, strat c	Paleocene E zone			
5986	Fresno	Domengine Ranch	151	10A1	Domengine Ranch	D-12	Joaquin Rocks 15	trench	Eocene	Patchett		
5987	Fresno	Domengine Ranch	151	10A2	Domengine Ranch	D-12	Joaquin Rocks 15	trench	Eocene	Patchett		
5988	Fresno	Domengine Ranch	151	10A3	Domengine Ranch	D-12	Joaquin Rocks 15	trench	Eocene	Patchett		
5989	Fresno	Domengine Ranch	151	10A4	Domengine Ranch	D-12	Joaquin Rocks 15	trench	Eocene	Patchett		
5990	Fresno	Domengine Ranch	573		NW part of quad	A-7	Joaquin Rocks 15	Leda zone	no paleo info			
5991	Fresno	Domengine Ranch	583		WC part of quad?	A-7	not on map		Eocene			
5992	Fresno	Domengine Ranch	584		WC part of quad	A-7	Joaquin Rocks 15	Moreno	Cretaceous			
5993	Fresno	Domengine Ranch	22410	1	Domengine Rnch	244-J	not on map		no paleo info			
5994	Fresno	Domengine Ranch	22410	2	Domengine Rnch	244-J	not on map		no paleo info			
5995	Fresno	Domengine Ranch	22410	3	Domengine Rnch	244-J	not on map		no paleo info			
5996	Fresno	Domengine Ranch	22410	4	Domengine Rnch	244-J	not on map		no paleo info			
5997	Fresno	Domengine Ranch	22410	5	Domengine Rnch	244-J	not on map		no paleo info			
5998	Fresno	Domengine Ranch	22410	6	Domengine Rnch	244-J	not on map		no paleo info			
5999	Fresno	Domengine Ranch	22410	7	Domengine Rnch	244-J	not on map		no paleo info			
6000	Fresno	Domengine Ranch	22410	8	Domengine Rnch	244-J	not on map		no paleo info			
6001	Fresno	Domengine Ranch?	92	1	Domengine Ranch	D-3	not on map		no paleo info	Galloway & W		
6002	Fresno	Domengine Ranch?	92	1	Domengine Ranch	D-3	not on map		no paleo info	Galloway & W		
6003	Fresno	Domengine Ranch?	92	7	Domengine Ranch	D-3	not on map		no paleo info	Galloway & W		
6004	Fresno	Domengine Ranch?	92	8	Domengine Ranch	D-3	not on map		no paleo info	Galloway & W		
6005	Santa Barbara	Dos Pueblos Canyon	4887	7	Tecolote Canyon	26-I		strat column	Eocene			
6006	Santa Barbara	Dos Pueblos Canyon	4887	5	Tecolote Canyon	26-I		strat column	Eocene			
6007	Santa Barbara	Dos Pueblos Canyon	4887	6	Tecolote Canyon	26-I		strat column	Eocene			
6008	Santa Barbara	Dos Pueblos Canyon	4887	8	Tecolote Canyon	26-I		strat column	Eocene			
6009	Santa Barbara	Dos Pueblos Canyon	4888	4	Gato Trail	19-F			Eocene			
6010	Santa Barbara	Dos Pueblos Canyon	4888	6	Gato Trail	19-F			Eocene			
6011	Santa Barbara	Dos Pueblos Canyon	4888	7	Gato Trail	19-F			Eocene			
6012	Santa Barbara	Dos Pueblos Canyon	4888	8	Gato Trail	19-F			Eocene			
6013	Santa Barbara	Dos Pueblos Canyon	4888	9	Gato Trail	19-F			Eocene			
6014	Santa Barbara	Dos Pueblos Canyon	4888	10	Gato Trail	19-F			Eocene			
6015	Santa Barbara	Dos Pueblos Canyon	4888	11	Gato Trail	19-F			Eocene			
6016	Santa Barbara	Dos Pueblos Canyon	4888	12	Gato Trail	19-F			Eocene			
6017	Santa Barbara	Dos Pueblos Canyon	4888	14	Gato Trail	19-F			Eocene			
6018	Santa Barbara	Dos Pueblos Canyon	4888	15	Gato Trail	19-F			Eocene			
6019	Santa Barbara	Dos Pueblos Canyon	4888	20	Gato Trail	19-F			no paleo info			
6020	Santa Barbara	Dos Pueblos Canyon	4888	22	Gato Trail	19-F			no paleo info			
6021	Santa Barbara	Dos Pueblos Canyon	4888	23	Gato Trail	19-F			no paleo info			
6022	Santa Barbara	Dos Pueblos Canyon	4899	0	Eagle Canyon	19-E			no paleo info			
6023	Santa Barbara	Dos Pueblos Canyon	4899	4	Eagle Canyon	19-E			no paleo info			
6024	Santa Barbara	Dos Pueblos Canyon	4899	5	Eagle Canyon	19-E			no paleo info			
6025	Santa Barbara	Dos Pueblos Canyon	4899	7	Eagle Canyon	9-I			no paleo info			
6026	Santa Barbara	Dos Pueblos Canyon	4899	11	Eagle Canyon	9-I			no paleo info			
6027	Santa Barbara	Dos Pueblos Canyon	4899	12	Eagle Canyon	9-I			no paleo info			
6028	Santa Barbara	Dos Pueblos Canyon	4899	13	Eagle Canyon	19-E		strat column	U Eocene A zone			
6029	Santa Barbara	Dos Pueblos Canyon	4899	14	Eagle Canyon	19-E		strat column	U Eocene A zone			
6030	Santa Barbara	Dos Pueblos Canyon	4899	15	Eagle Canyon	19-E		strat column	U Eocene A zone			
6031	Santa Barbara	Dos Pueblos Canyon	4899	16	Eagle Canyon	19-E		strat column	U Eocene A zone			
6032	Santa Barbara	Dos Pueblos Canyon	4899	17	Eagle Canyon	19-E		strat column	U Eocene A zone			
6033	Santa Barbara	Dos Pueblos Canyon	4899	18	Eagle Canyon	19-E		strat column	U Eocene A zone			
6034	Santa Barbara	Dos Pueblos Canyon	4899	20	Eagle Canyon	19-E		strat column	U Eocene A zone			
6035	Santa Barbara	Dos Pueblos Canyon	4899	19	Eagle Canyon	19-E		strat column	U Eocene A zone			
6036	Santa Barbara	Dos Pueblos Canyon	4899	20	Eagle Canyon	19-E		strat column	U Eocene A 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		
6037	Santa Barbara	Dos Pueblos Canyon	4899	23	Eagle Canyon	19-E		strat column	U Eocene A zone			
6038	Santa Barbara	Dos Pueblos Canyon	4899	24	Eagle Canyon	19-E		strat column	U Eocene A zone			
6039	Santa Barbara	Dos Pueblos Canyon	4899	25	Eagle Canyon	19-E		strat column	U Eocene A zone			
6040	Santa Barbara	Dos Pueblos Canyon	4899	4	Eagle Canyon	19-F		strat column	U Eocene A zone			
6041	Santa Barbara	Dos Pueblos Canyon	4901		nom but Glen A Cy	9-I	also 4944,4945	strat column	Eocene			
6042	Santa Barbara	Dos Pueblos Canyon	5792		Glen Annie Cyn	32-K	mouth of Tecolote	Tunnel	no paleo info	Barlow		
6043	Santa Barbara	Dos Pueblos Canyon	30484	5	Naples area	118-I			no paleo info			
6044	Santa Barbara	Dos Pueblos Canyon	30484	6	Naples area	118-I			no paleo info			
6045	Santa Barbara	Dos Pueblos Canyon	30484	7	Naples area	118-I			no paleo info			
6046	Santa Barbara	Dos Pueblos Canyon	30484	8	Naples area	118-I	see strat column	loc 30488	Saucesian			
6047	Santa Barbara	Dos Pueblos Canyon	30484	10	Naples area	118-I			no paleo info			
6048	Santa Barbara	Dos Pueblos Canyon	30484	11	Naples area	118-I			no paleo info			
6049	Santa Barbara	Dos Pueblos Canyon	30484	13	Naples area	118-I			no paleo info			
6050	Santa Barbara	Dos Pueblos Canyon	30488	1	Naples area	118-G	Have strat column.		Lower Miocene			
6051	Santa Barbara	Dos Pueblos Canyon	30488	3	Naples area	118-G	Ages from paleo		Saucesian			
6052	Santa Barbara	Dos Pueblos Canyon	30488	4A	Naples area	118-G	cards and Kleinpel	abun planktics	L or M Miocene			
6053	Santa Barbara	Dos Pueblos Canyon	30488	7	Naples area	118-G			not diagnostic			
6054	Santa Barbara	Dos Pueblos Canyon	30488	11A	Naples area	118-G			Lower Miocene			
6055	Santa Barbara	Dos Pueblos Canyon	30488	12	Naples area	118-G			not diagnostic			
6056	Santa Barbara	Dos Pueblos Canyon	30488	13A	Naples area	118-G			not diagnostic			
6057	Santa Barbara	Dos Pueblos Canyon	30488	14	Naples area	118-G			L or M Miocene			
6058	Santa Barbara	Dos Pueblos Canyon	30488	16A	Naples area	118-G			not diagnostic			
6059	Santa Barbara	Dos Pueblos Canyon	30488	17	Naples area	118-G			Saucesian			
6060	Santa Barbara	Dos Pueblos Canyon	30488	19	Naples area	118-G			Middle Miocene			
6061	Santa Barbara	Dos Pueblos Canyon	30488	20A	Naples area	118-G			Middle Miocene			
6062	Santa Barbara	Dos Pueblos Canyon	30488	21	Naples area	118-G			Middle Miocene			
6063	Santa Barbara	Dos Pueblos Canyon	30488	22	Naples area	118-G			Middle Miocene			
6064	Santa Barbara	Dos Pueblos Canyon	30488	23	Naples area	118-G			not diagnostic			
6065	Santa Barbara	Dos Pueblos Canyon	30488	24A	Naples area	118-G			not diagnostic			
6066	Santa Barbara	Dos Pueblos Canyon	30488	25A	Naples area	118-G			not diagnostic			
6067	Santa Barbara	Dos Pueblos Canyon	30488	26A	Naples area	118-G			not diagnostic			
6068	Santa Barbara	Dos Pueblos Canyon	30488	27	Naples area	118-G			not diagnostic			
6069	Santa Barbara	Dos Pueblos Canyon	30488	28A	Naples area	118-G			not diagnostic			
6070	Marin	Double Point	353	71	Pt Reyes area	99-L			not diagnostic	Newton		
6071	Marin	Double Point	353	72	Pt Reyes area	99-L			not diagnostic	Newton		
6072	Marin	Double Point	353	73	Pt Reyes area	99-L			not diagnostic	Newton		
6073	Marin	Double Point	353	74	Pt Reyes area	99-L			not diagnostic	Newton		
6074	Marin	Double Point	353	75	Pt Reyes area	99-L			not diagnostic	Newton		
6075	Marin	Double Point	353	76	Pt Reyes area	99-L			not diagnostic	Newton		
6076	Marin	Double Point	353	77	Pt Reyes area	99-L			not diagnostic	Newton		
6077	Marin	Double Point	353	80	Pt Reyes area	99-L			not diagnostic	Newton		
6078	Marin	Double Point	353	97	Pt Reyes area	99-L			not diagnostic	Newton		
6079	Marin	Double Point	353	98	Pt Reyes area	99-L			not diagnostic	Newton		
6080	Marin	Double Point	353	99	Pt Reyes area	99-L			not diagnostic	Newton		
6081	Marin	Double Point	353	100	Pt Reyes area	99-L			not diagnostic	Newton		
6082	Marin	Double Point	353	102	Pt Reyes area	99-L			not diagnostic	Newton		
6083	Marin	Double Point	353	108	Pt Reyes area	99-L			not diagnostic	Newton		
6084	Marin	Double Point	353	114	Pt Reyes area	99-L			not diagnostic	Newton		
6085	Marin	Double Point	353	115	Pt Reyes area	99-M			not diagnostic	Newton		
6086	Marin	Double Point	353	117	Pt Reyes area	99-M			not diagnostic	Newton		
6087	Marin	Double Point	353	120	Pt Reyes area	99-M			not diagnostic	Newton		
6088	Marin	Double Point	353	122	Pt Reyes area	99-M			not diagnostic	Newton		
6089	Marin	Double Point	353	131	Pt Reyes area	99-M			not diagnostic	Newton		
6090	Marin	Double Point	4624		Bear Valley	123-F			no paleo info	Wright		
6091	Marin	Double Point	4625		Bear Valley	123-F			no paleo info	Wright		
6092	Marin	Double Point	4626		Bear Valley	123-F			no paleo info	Wright		
6093	Marin	Double Point	4627		Wildcat Lakes area	123-F			no paleo info	Wright		
6094	Marin	Double Point	4628		Wildcat Lakes area	123-F			no paleo info	Wright		
6095	Marin	Double Point	4630		Wildcat Lakes area	123-F			no paleo info	Wright		
6096	Marin	Double Point	4634		Wildcat Lakes area	123-F			no paleo info	Wright		
6097	Marin	Double Point	4636		Wildcat Lakes area	123-F			no paleo info	Wright		
6098	Marin	Double Point	4637		Wildcat Lakes area	123-F			no paleo info	Wright		
6099	Marin	Double Point	4646		Double Pt area	123-F			no paleo info	Wright		
6100	Marin	Drakes Bay	353	2	Pt Reyes area	99-L			not diagnostic	Newton		
6101	Marin	Drakes Bay	353	9	Pt Reyes area	99-L			not diagnostic	Newton		
6102	Marin	Drakes Bay	353	10	Pt Reyes area	99-L			not diagnostic	Newton		
6103	Marin	Drakes Bay	353	16	Pt Reyes area	99-L			not diagnostic	Newton		
6104	Marin	Drakes Bay	353	19	Pt Reyes area	99-L			not diagnostic	Newton		
6105	Marin	Drakes Bay	353	20	Pt Reyes area	99-L			not diagnostic	Newton		
6106	Marin	Drakes Bay	353	21	Pt Reyes area	99-L			not diagnostic	Newton		
6107	Marin	Drakes Bay	353	22	Pt Reyes area	99-L			not diagnostic	Newton		
6108	Marin	Drakes Bay	353	23	Pt Reyes area	99-L			not diagnostic	Newton		
6109	Marin	Drakes Bay	353	24	Pt Reyes area	99-L			not diagnostic	Newton		
6110	Marin	Drakes Bay	353	25	Pt Reyes area	99-L			not diagnostic	Newton		
6111	Marin	Drakes Bay	353	26	Pt Reyes area	99-L			not diagnostic	Newton		
6112	Marin	Drakes Bay	353	27	Pt Reyes area	99-L			not diagnostic	Newton		
6113	Marin	Drakes Bay	353	28	Pt Reyes area	99-L			not diagnostic	Newton		
6114	Marin	Drakes Bay	353	29	Pt Reyes area	99-L			not diagnostic	Newton		
6115	Marin	Drakes Bay	353	30	Pt Reyes area	99-L			not diagnostic	Newton		
6116	Marin	Drakes Bay	353	31	Pt Reyes area	99-L			not diagnostic	Newton		
6117	Marin	Drakes Bay	353	32	Pt Reyes area	99-L			not diagnostic	Newton		
6118	Marin	Drakes Bay	353	33	Pt Reyes area	99-L			not diagnostic	Newton		
6119	Marin	Drakes Bay	353	34	Pt Reyes area	99-L			not diagnostic	Newton		
6120	Marin	Drakes Bay	353	35	Pt Reyes area	99-L			not diagnostic	Newton		
6121	Marin	Drakes Bay	353	36	Pt Reyes area	99-L			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		
6122	Marin	Drakes Bay	353	38	Pt Reyes area	99-L			not diagnostic	Newton		
6123	Marin	Drakes Bay	353	39	Pt Reyes area	99-L			not diagnostic	Newton		
6124	Marin	Drakes Bay	353	40	Pt Reyes area	99-L			not diagnostic	Newton		
6125	Marin	Drakes Bay	353	41	Pt Reyes area	99-L			not diagnostic	Newton		
6126	Marin	Drakes Bay	353	43	Pt Reyes area	99-L			not diagnostic	Newton		
6127	Marin	Drakes Bay	353	81	Pt Reyes area	99-L			not diagnostic	Newton		
6128	Marin	Drakes Bay	353	82	Pt Reyes area	99-L			not diagnostic	Newton		
6129	Marin	Drakes Bay	353	83	Pt Reyes area	99-L			not diagnostic	Newton		
6130	Marin	Drakes Bay	353	84	Pt Reyes area	99-L			not diagnostic	Newton		
6131	Marin	Drakes Bay	353	85	Pt Reyes area	99-L			not diagnostic	Newton		
6132	Marin	Drakes Bay	353	86	Pt Reyes area	99-L			not diagnostic	Newton		
6133	Marin	Drakes Bay	353	87	Pt Reyes area	99-L			not diagnostic	Newton		
6134	Alameda	Dublin	22642		Tehan Canyon	239-F	age from geol map		Lower Cret J-2			
6135	Kern	Eagle Rest Peak	341	P1	NW part of quad	66-N			no paleo info	Darke		
6136	Kern	Eagle Rest Peak	341	P2	NW part of quad	66-N			no paleo info	Darke		
6137	Kern	Eagle Rest Peak	341	P3	NW part of quad	66-N			no paleo info	Darke		
6138	Kern	Eagle Rest Peak	341	P4	NW part of quad	66-N			no paleo info	Darke		
6139	Kern	Eagle Rest Peak	424	57X	San Emigdio Creek	94-F			Eocene	Mallory		
6140	Kern	Eagle Rest Peak	424	61X	San Emigdio Creek	94-F			Eocene	Mallory		
6141	Kern	Eagle Rest Peak	424	62AX	San Emigdio Creek	94-F			Eocene	Mallory		
6142	Kern	Eagle Rest Peak	424	62BX	San Emigdio Creek	94-F			Eocene	Mallory		
6143	Kern	Eagle Rest Peak	424	62CX	San Emigdio Creek	94-F			Eocene	Mallory		
6144	Kern	Eagle Rest Peak	424	64AX	San Emigdio Creek	94-F			Eocene	Mallory		
6145	Kern	Eagle Rest Peak	424	64BX	San Emigdio Creek	94-F			Eocene	Mallory		
6146	Kern	Eagle Rest Peak	424	65AX	San Emigdio Creek	94-F			Eocene	Mallory		
6147	Kern	Eagle Rest Peak	424	65BX	San Emigdio Creek	94-F			Eocene	Mallory		
6148	Kern	Eagle Rest Peak	424	65CX	San Emigdio Creek	94-F			Eocene	Mallory		
6149	Kern	Eagle Rest Peak	425	47	San Emigdio Creek	94-E			Eocene?	Mallory		
6150	Kern	Eagle Rest Peak	425	48	San Emigdio Creek	94-E			Eocene?			
6151	Kern	Eagle Rest Peak	425	49	San Emigdio Creek	94-E			Eocene?			
6152	Kern	Eagle Rest Peak	425	49A	San Emigdio Creek	94-E			Eocene?			
6153	Kern	Eagle Rest Peak	425	51	San Emigdio Creek	94-E			Eocene?			
6154	Kern	Eagle Rest Peak	425	52	San Emigdio Creek	94-E			Eocene?			
6155	Kern	Eagle Rest Peak	425	53	San Emigdio Creek	94-E			Eocene?			
6156	Kern	Eagle Rest Peak	425	53A	San Emigdio Creek	94-E			Eocene?			
6157	Kern	Eagle Rest Peak	425	54	San Emigdio Creek	94-E			Eocene?			
6158	Kern	Eagle Rest Peak	425	55	San Emigdio Creek	94-E			Eocene?			
6159	Kern	Eagle Rest Peak	425	56	San Emigdio Creek	94-E			Eocene?			
6160	Kern	Eagle Rest Peak	425	57	San Emigdio Creek	94-E			Eocene?			
6161	Kern	Eagle Rest Peak	425	66	San Emigdio Creek	94-E			Eocene?			
6162	Kern	Eagle Rest Peak	425	67	San Emigdio Creek	94-E			Eocene?			
6163	Kern	Eagle Rest Peak	425	68	San Emigdio Creek	94-E			Eocene?			
6164	Kern	Eagle Rest Peak	425	69	San Emigdio Creek	94-E			Eocene?			
6165	Kern	Eagle Rest Peak	425	70	San Emigdio Creek	94-E			Eocene?			
6166	Kern	Eagle Rest Peak	890	64	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6167	Kern	Eagle Rest Peak	890	65	Devils Kitchen	5-E	San Emidio type	see # 22340	no paleo info			
6168	Kern	Eagle Rest Peak	890	66	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6169	Kern	Eagle Rest Peak	890	67	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6170	Kern	Eagle Rest Peak	890	68	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6171	Kern	Eagle Rest Peak	890	69	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6172	Kern	Eagle Rest Peak	890	70	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6173	Kern	Eagle Rest Peak	890	71	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6174	Kern	Eagle Rest Peak	890	72	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6175	Kern	Eagle Rest Peak	890	73	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6176	Kern	Eagle Rest Peak	890	74	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6177	Kern	Eagle Rest Peak	890	75	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6178	Kern	Eagle Rest Peak	890	76	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6179	Kern	Eagle Rest Peak	890	77	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6180	Kern	Eagle Rest Peak	890	78	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6181	Kern	Eagle Rest Peak	890	79	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6182	Kern	Eagle Rest Peak	890	80	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6183	Kern	Eagle Rest Peak	890	81	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6184	Kern	Eagle Rest Peak	890	82	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6185	Kern	Eagle Rest Peak	890	83	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6186	Kern	Eagle Rest Peak	890	84	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6187	Kern	Eagle Rest Peak	890	85	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6188	Kern	Eagle Rest Peak	890	86	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6189	Kern	Eagle Rest Peak	890	87	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6190	Kern	Eagle Rest Peak	890	88	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6191	Kern	Eagle Rest Peak	890	89	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6192	Kern	Eagle Rest Peak	890	90	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6193	Kern	Eagle Rest Peak	890	91	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6194	Kern	Eagle Rest Peak	890	92	Devils Kitchen	5-E	San Emidio type	strat column	no paleo info			
6195	Kern	Eagle Rest Peak	2593		San Emidio Canyon	87-F			no paleo info	Webb &		
6196	Kern	Eagle Rest Peak	2594		San Emidio Canyon	87-F			no paleo info	Webb &		
6197	Kern	Eagle Rest Peak	2596		San Emidio Canyon	87-F			no paleo info	Webb &		
6198	Kern	Eagle Rest Peak	5276	2	Los Lobos Creek	11-B			no paleo info	Classen &		
6199	Kern	Eagle Rest Peak	5276	3	Los Lobos Creek	11-B			no paleo info	Classen &		
6200	Kern	Eagle Rest Peak	5276	3RW	Los Lobos Creek	11-B			no paleo info	Classen &		
6201	Kern	Eagle Rest Peak	5276	3A	Los Lobos Creek	11-B			no paleo info	Classen &		
6202	Kern	Eagle Rest Peak	5276	4	Los Lobos Creek	11-B			no paleo info	Classen &		
6203	Kern	Eagle Rest Peak	11616	1	San Emigdio Creek	197-K	have strat column		not diagnostic	Miller &		
6204	Kern	Eagle Rest Peak	11616	2	San Emigdio Creek	197-K	have strat column		not diagnostic	Miller &		
6205	Kern	Eagle Rest Peak	11616	3	San Emigdio Creek	197-K	have strat column		not diagnostic	Miller &		
6206	Kern	Eagle Rest Peak	11616	6	San Emigdio Creek	197-K	have strat column		not diagnostic	Miller &		

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		
6207	Kern	Eagle Rest Peak	11616	10	San Emigdio Creek	197-K	have strat column			not diagnostic	Miller &	
6208	Kern	Eagle Rest Peak	11616	19	San Emigdio Creek	197-K	have strat column			not diagnostic	Miller &	
6209	Kern	Eagle Rest Peak	11616	20	San Emigdio Creek	197-K	have strat column			Lower Zemorrian	Miller &	
6210	Kern	Eagle Rest Peak	11616	24	San Emigdio Creek	197-K	have strat column			not diagnostic	Miller &	
6211	Kern	Eagle Rest Peak	11616	25	San Emigdio Creek	197-K	have strat column			not diagnostic	Miller &	
6212	Kern	Eagle Rest Peak	11616	26	San Emigdio Creek	197-K	have strat column			poss Zemorrian	Miller &	
6213	Kern	Eagle Rest Peak	11616	28	San Emigdio Creek	197-K	have strat column			poss Eocene	Miller &	
6214	Kern	Eagle Rest Peak	11616	29	San Emigdio Creek	197-K	have strat column			poss Eocene	Miller &	
6215	Kern	Eagle Rest Peak	11616	31	San Emigdio Creek	197-K	have strat column			poss Eocene	Miller &	
6216	Kern	Eagle Rest Peak	11616	32	San Emigdio Creek	197-K	have strat column			not diagnostic	Miller &	
6217	Kern	Eagle Rest Peak	11616	33	San Emigdio Creek	197-K	have strat column			not diagnostic	Miller &	
6218	Kern	Eagle Rest Peak	11617	4	Devils Kitchen	197-K	have strat column			no paleo info		
6219	Kern	Eagle Rest Peak	11617	5	Devils Kitchen	197-K	have strat column			no paleo info		
6220	Kern	Eagle Rest Peak	11619	3	Los Lobos Creek	197-K	have strat column			not diagnostic		
6221	Kern	Eagle Rest Peak	11619	8	Los Lobos Creek	197-K	have strat column			not diagnostic		
6222	Kern	Eagle Rest Peak	11619	12	Los Lobos Creek	197-K	have strat column			not diagnostic		
6223	Kern	Eagle Rest Peak	11619	14	Los Lobos Creek	197-K	have strat column			not diagnostic		
6224	Kern	Eagle Rest Peak	11619	16	Los Lobos Creek	197-K	have strat column			not diagnostic		
6225	Kern	Eagle Rest Peak	11619	19	Los Lobos Creek	197-K	have strat column			not diagnostic		
6226	Kern	Eagle Rest Peak	11619	26	Los Lobos Creek	197-K	have strat column			not diagnostic		
6227	Kern	Eagle Rest Peak	11619	29	Los Lobos Creek	197-K	have strat column			not diagnostic		
6228	Kern	Eagle Rest Peak	11889	1	NW part of quad	200-M				?Lower Relizian	Espenschied	
6229	Kern	Eagle Rest Peak	11889	2	NW part of quad	200-M				Relizian	Espenschied	
6230	Kern	Eagle Rest Peak	11889	3	NW part of quad	200-M				Saucesian	Espenschied	
6231	Kern	Eagle Rest Peak	11889	4	NW part of quad	200-M				no paleo info	Espenschied	
6232	Kern	Eagle Rest Peak	11889	5	NW part of quad	200-M				no paleo info	Espenschied	
6233	Kern	Eagle Rest Peak	11889	6	NW part of quad	200-M				no paleo info	Espenschied	
6234	Kern	Eagle Rest Peak	22340	15	Devils Kitchen	239-A	have strat column	Liveoak Membr		Eocene		
6235	Kern	Eagle Rest Peak	22340	18	Devils Kitchen	239-A	have strat column			Eocene		
6236	Kern	Eagle Rest Peak	22340	20	Devils Kitchen	239-A	have strat column			Eocene		
6237	Kern	Eagle Rest Peak	22340	21	Devils Kitchen	239-A	have strat column			Eocene		
6238	Kern	Eagle Rest Peak	22340	23	Devils Kitchen	239-A	have strat column			Eocene		
6239	Kern	Eagle Rest Peak	22340	24	Devils Kitchen	239-A	have strat column			Eocene		
6240	Kern	Eagle Rest Peak	22340	27	Devils Kitchen	239-A	have strat column			Eocene		
6241	Kern	Eagle Rest Peak	22340	29	Devils Kitchen	239-A	have strat column			Eocene		
6242	Kern	Eagle Rest Peak	22340	30	Devils Kitchen	239-A	have strat column			Eocene		
6243	Kern	Eagle Rest Peak	22340	38	Devils Kitchen	239-A	have strat column			Eocene		
6244	Kern	Eagle Rest Peak	22340	39	Devils Kitchen	239-A	have strat column			Eocene		
6245	Kern	Eagle Rest Peak	22340	40	Devils Kitchen	239-A	have strat column			Eocene		
6246	Kern	Eagle Rest Peak	22340	76	Devils Kitchen	239-A	have strat column			Zemorrian		
6247	Kern	Eagle Rest Peak	22340	78	Devils Kitchen	239-A	have strat column			Zemorrian		
6248	Kern	Eagle Rest Peak	22340	80	Devils Kitchen	239-A	have strat column			Zemorrian		
6249	Kern	Eagle Rest Peak	22787		Los Lobos Ck	179-E		ares K-14		no paleo info		
6250	Kern	Eagle Rest Peak	22794	1	Pleito Ck	197-M				no paleo info	Miller	
6251	Kern	Eagle Rest Peak	22794	3	Pleito Ck	197-M				no paleo info	Miller	
6252	Kern	Eagle Rest Peak	22795	23	Pleito Ck	197-M	have strat column			not diagnostic	Miller	
6253	Kern	Eagle Rest Peak	22795	25	Pleito Ck	197-M	have strat column			Zemorrian	Miller	
6254	Kern	Eagle Rest Peak	23389	1	SE of S Emigdio R	184-N				Lower Miocene	EHH	
6255	Kern	Eagle Rest Peak	23389	2	SE of S Emigdio R	184-N				Lower Miocene	EHH	
6256	Kern	Eagle Rest Peak	23389	3	SE of S Emigdio R	184-N				Lower Miocene	EHH	
6257	Kern	Eagle Rest Peak	23395	1	San Emigdio area	184-N	not on map			Upper Eocene	EHH	
6258	Kern	Eagle Rest Peak	23395	3	San Emigdio area	184-N	not on map			Upper Eocene	EHH	
6259	Kern	Eagle Rest Peak	23395	3A	San Emigdio area	184-N	not on map			Upper Eocene	EHH	
6260	Kern	Eagle Rest Peak	23395	3B	San Emigdio area	184-N	not on map			Upper Eocene	EHH	
6261	Kern	Eagle Rest Peak	23395	4	San Emigdio area	184-N	not on map			Upper Eocene	EHH	
6262	Kern	Eagle Rest Peak	23395	5	San Emigdio area	184-N	not on map			not diagnostic	EHH	
6263	Kern	Eagle Rest Peak	23395	6	San Emigdio area	184-N	not on map			not diagnostic	EHH	
6264	Kern	Eagle Rest Peak	23395	6B	San Emigdio area	184-N	not on map			not diagnostic	EHH	
6265	Kern	Eagle Rest Peak	23395	7	San Emigdio area	184-N	not on map			not diagnostic	EHH	
6266	Kern	Eagle Rest Peak	23395	8	San Emigdio area	184-N	not on map			not diagnostic	EHH	
6267	Kern	Eagle Rest Peak	23395	9	San Emigdio area	184-N	not on map			no paleo info	EHH	
6268	Kern	Eagle Rest Peak	23512	70	Seis vel hole C2	180-B	not on map			Upper Eocene		
6269	Kern	Eagle Rest Peak	23512	100	San Emidio Cyn	180-B	not on map			Upper Eocene		
6270	Kern	Eagle Rest Peak	23512	180	San Emidio Cyn	180-B	not on map			Upper Eocene		
6271	Kern	Eagle Rest Peak	23514	100	Seis vel hole E	180-B	not on map			Upper Eocene		
6272	Kern	Eagle Rest Peak	23514	200	San Emidio Cyn	180-B	not on map			Upper Eocene		
6273	Kern	Eagle Rest Peak	23514	300	San Emidio Cyn	180-B	not on map			Upper Eocene		
6274	Kern	Eagle Rest Peak	23514	400	San Emidio Cyn	180-B	not on map			Upper Eocene		
6275	Kern	Eagle Rest Peak	23514	420	San Emidio Cyn	180-B	not on map			Upper Eocene		
6276	Kern	Eagle Rest Peak	23519	160	Seis Vel hole J	180-B	S Emigdio Canyon	not on map		Upper Eocene		
6277	Kern	Eagle Rest Peak	23519	200	Seis Vel hole J	180-B	S Emigdio Canyon	not on map		Upper Eocene		
6278	Kern	Eagle Rest Peak	23519	240	Seis Vel hole J	180-B	S Emigdio Canyon	not on map		Upper Eocene		
6279	Kern	Eagle Rest Peak	23519	255	Seis Vel hole J	180-B	S Emigdio Canyon	not on map		Upper Eocene		
6280	Kern	Eagle Rest Peak	23519	300	Seis Vel hole J	180-B	S Emigdio Canyon	not on map		Upper Eocene		
6281	Kern	Eagle Rest Peak	23519	400	Seis Vel hole J	180-B	S Emigdio Canyon	not on map		Upper Eocene		
6282	Kern	Eagle Rest Peak	23521	25	Seis vel hole T	180-B	S Emigdio Canyon	not on map		Upper Eocene		
6283	Kern	Eagle Rest Peak	23702	3	Los Lobos Creek	none	not on map	area K-14		Upper Eocene		
6284	Kern	Eagle Rest Peak	23702	4	Los Lobos Creek	none	not on map			Upper Eocene		
6285	Kern	Eagle Rest Peak	23702	5	Los Lobos Creek	none	not on map			Upper Eocene		
6286	Kern	Eagle Rest Peak	23717	2	NW part of quad	188-N				Upper Eocene		
6287	Kern	Eagle Rest Peak	23717	2A	NW part of quad	188-N		reworked		mixed Plio, Eoc, Mi		
6288	Kern	Eagle Rest Peak	23717	2B	NW part of quad	188-N		reworked		mixed Plio, Eoc, Mi		
6289	Kern	Eagle Rest Peak	23717	3	NW part of quad	188-N				Upper Eocene		
6290	Kern	Eagle Rest Peak	23718	1	NE part of quad	none		age from cast		Middle Miocene		
6291	Kern	Eagle Rest Peak	23718	4	NW part of quad	188-N				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/AG	COLLECTORS		
6547	Los Angeles	El Monte	224	287	Sycamore Canyon	43-G			no age provided			
6548	Los Angeles	El Monte	224	288	Sycamore Canyon	43-G			no age provided			
6549	Los Angeles	El Monte	224	289	Sycamore Canyon	43-G			no age provided			
6550	Los Angeles	El Monte	224	290	Sycamore Canyon	43-G			no age provided			
6551	Los Angeles	El Monte	224	291	Sycamore Canyon	43-G			no age provided			
6552	Los Angeles	El Monte	224	292	Sycamore Canyon	43-G			no age provided			
6553	Los Angeles	El Monte	224	293	Sycamore Canyon	43-G			no age provided			
6554	Los Angeles	El Monte	224	294	Sycamore Canyon	43-G			no age provided			
6555	Los Angeles	El Monte	224	295	Sycamore Canyon	43-G			no age provided			
6556	Los Angeles	El Monte	224	296	Sycamore Canyon	43-G			no age provided			
6557	Los Angeles	El Monte	224	297	Sycamore Canyon	43-G			no age provided			
6558	Los Angeles	El Monte	224	298	Sycamore Canyon	43-G			no age provided			
6559	Los Angeles	El Monte	224	299	Sycamore Canyon	43-G			no age provided			
6560	Los Angeles	El Monte	224	300	Sycamore Canyon	43-G			no age provided			
6561	Los Angeles	El Monte	224	301	Sycamore Canyon	43-G			no age provided			
6562	Los Angeles	El Monte	224	302	Sycamore Canyon	43-G			no age provided			
6563	Los Angeles	El Monte	602	1	E of Bertolo	74-M			no paleo info			
6564	Los Angeles	El Monte	602	2	E of Bertolo	74-M			no paleo info			
6565	Los Angeles	El Monte	602	3	E of Bertolo	74-M			no paleo info			
6566	Los Angeles	El Monte	602	4	E of Bertolo	74-M			no paleo info			
6567	Los Angeles	El Monte	602	5	E of Bertolo	74-M			no paleo info			
6568	Los Angeles	El Monte	602	6	E of Bertolo	74-M			no paleo info			
6569	Los Angeles	El Monte	602	7	E of Bertolo	74-M			no paleo info			
6570	Los Angeles	El Monte	602	8	E of Bertolo	74-M			no paleo info			
6571	Los Angeles	El Monte	602	9	E of Bertolo	74-M			no paleo info			
6572	Los Angeles	El Monte	602	10	E of Bertolo	74-M			no paleo info			
6573	Los Angeles	El Monte	602	11	E of Bertolo	74-M			no paleo info			
6574	Los Angeles	El Monte	602	12	E of Bertolo	74-M			no paleo info			
6575	Los Angeles	El Monte	602	13	E of Bertolo	74-M			no paleo info			
6576	Los Angeles	El Monte	602	14	E of Bertolo	74-M			no paleo info			
6577	Los Angeles	El Monte	602	15	E of Bertolo	74-M			no paleo info			
6578	Los Angeles	El Monte	602	16	E of Bertolo	74-M			no paleo info			
6579	Los Angeles	El Monte	602	17	E of Bertolo	74-M			no paleo info			
6580	Los Angeles	El Monte	602	18	E of Bertolo	74-M			no paleo info			
6581	Los Angeles	El Monte	602	19	E of Bertolo	74-M			no paleo info			
6582	Los Angeles	El Monte	688	7	Rio Hondo	77-D	Repetto		Pliocene			
6583	Los Angeles	El Monte	688	9	Rio Hondo	77-D	Repetto		Pliocene			
6584	Los Angeles	El Monte	688	10	Rio Hondo	77-D	Repetto		Pliocene			
6585	Los Angeles	El Monte	688	11	Rio Hondo	77-D	Repetto		Pliocene			
6586	Los Angeles	El Monte	688	12	Rio Hondo	77-D	Repetto		Pliocene			
6587	Los Angeles	El Monte	688	13	Rio Hondo	77-D	Repetto		Pliocene			
6588	Los Angeles	El Monte	3963		Rose Hills Park	37-G			no paleo info			
6589	Los Angeles	El Monte	3964		E of Bartolo	37-G			no paleo info			
6590	Los Angeles	El Monte	3965		E of Bartolo	37-G			no paleo info			
6591	Los Angeles	El Monte	3984		E of Bartolo	35-N			no paleo info			
6592	Orange	El Toro	40	9	Silverado Creek	24-M			no paleo info	Ruth		
6593	Orange	El Toro	40	10	Silverado Creek	24-M			no paleo info	Ruth		
6594	Orange	El Toro	40	11	Silverado Creek	24-M			no paleo info	Ruth		
6595	Orange	El Toro	40	12	Silverado Creek	24-M			no paleo info	Ruth		
6596	Orange	El Toro	40	13A	Silverado Creek	24-M			no paleo info	Ruth		
6597	Orange	El Toro	40	13B	Silverado Creek	24-M			no paleo info	Ruth		
6598	Orange	El Toro	40	14	Silverado Creek	24-M			no paleo info	Ruth		
6599	Orange	El Toro	464	3	Williams Canyon	82-K			no paleo info			
6600	Orange	El Toro	464	4	Williams Canyon	82-K			no paleo info			
6601	Orange	El Toro	464	5	Williams Canyon	82-K			no paleo info			
6602	Orange	El Toro	464	6	Williams Canyon	82-K			no paleo info			
6603	Orange	El Toro	464	7	Williams Canyon	82-K			no paleo info			
6604	Orange	El Toro	464	8	Williams Canyon	82-K			no paleo info			
6605	Orange	El Toro	464	9	Williams Canyon	82-K			no paleo info			
6606	Orange	El Toro	464	10	Williams Canyon	82-K			no paleo info			
6607	Orange	El Toro	464	11	Williams Canyon	82-K			no paleo info			
6608	Orange	El Toro	464	12	Williams Canyon	82-K			no paleo info			
6609	Orange	El Toro	464	13	Williams Canyon	82-K			no paleo info			
6610	Orange	El Toro	464	14	Williams Canyon	82-K			no paleo info			
6611	Orange	El Toro	464	16	Williams Canyon	82-K			no paleo info			
6612	Orange	El Toro	464	17	Williams Canyon	82-K			no paleo info			
6613	Orange	El Toro	464	18	Williams Canyon	82-K			no paleo info			
6614	Orange	El Toro	464	19	Williams Canyon	82-K			no paleo info			
6615	Orange	El Toro	464	20	Williams Canyon	82-K			no paleo info			
6616	Orange	El Toro	464	21	Williams Canyon	82-K			no paleo info			
6617	Orange	El Toro	464	22	Williams Canyon	82-K			no paleo info			
6618	Orange	El Toro	464	23	Williams Canyon	82-K			no paleo info			
6619	Orange	El Toro	464	24	Williams Canyon	82-K			no paleo info			
6620	Orange	El Toro	464	25	Williams Canyon	82-K			no paleo info			
6621	Orange	El Toro	464	26	Williams Canyon	82-K			no paleo info			
6622	Orange	El Toro	464	26L4	Williams Canyon	82-K			no paleo info			
6623	Orange	El Toro	464	27	Williams Canyon	82-K			no paleo info			
6624	Orange	El Toro	464	28	Williams Canyon	82-K			no paleo info			
6625	Orange	El Toro	464	29	Williams Canyon	82-K			no paleo info			
6626	Orange	El Toro	464	30	Williams Canyon	82-K			no paleo info			
6627	Orange	El Toro	464	31	Williams Canyon	82-K			no paleo info			
6628	Orange	El Toro	465	2	Silverado Canyon	82-F	mounted slides		no paleo info			
6629	Orange	El Toro	465	3	Silverado Canyon	82-F	mounted slides		no paleo info			
6630	Orange	El Toro	465	4	Silverado Canyon	82-F	mounted slides		no paleo info			
6631	Orange	El Toro	465	5	Silverado Canyon	82-F	mounted slides		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		
6632	Orange	El Toro	465	6	Silverado Canyon	82-F	mounted slides		no paleo info			
6633	Orange	El Toro	465	7	Silverado Canyon	82-F	mounted slides		no paleo info			
6634	Orange	El Toro	465	8	Silverado Canyon	82-F	mounted slides		no paleo info			
6635	Orange	El Toro	465	9	Silverado Canyon	82-F	mounted slides		no paleo info			
6636	Orange	El Toro	465	11	Silverado Canyon	82-G	mounted slides		no paleo info			
6637	Orange	El Toro	465	12	Silverado Canyon	82-G			no paleo info			
6638	Orange	El Toro	465	13	Silverado Canyon	82-G			no paleo info			
6639	Orange	El Toro	465	20	Silverado Canyon	82-G			no paleo info			
6640	Orange	El Toro	465	21	Silverado Canyon	82-G			no paleo info			
6641	Orange	El Toro	465	22	Silverado Canyon	82-G			no paleo info			
6642	Orange	El Toro	465	1	Silverado Canyon	82-F			no paleo info			
6643	Orange	El Toro	465	2	Silverado Canyon	82-F			no paleo info			
6644	Orange	El Toro	465	3	Silverado Canyon	82-F			no paleo info			
6645	Orange	El Toro	465	4	Silverado Canyon	82-F			no paleo info			
6646	Orange	El Toro	465	5	Silverado Canyon	82-F			no paleo info			
6647	Orange	El Toro	465	6	Silverado Canyon	82-F			no paleo info			
6648	Orange	El Toro	465	7	Silverado Canyon	82-F			no paleo info			
6649	Orange	El Toro	465	8	Silverado Canyon	82-F			no paleo info			
6650	Orange	El Toro	465	9	Silverado Canyon	82-F			no paleo info			
6651	Orange	El Toro	465	10	Silverado Canyon	82-G			no paleo info			
6652	Orange	El Toro	465	11	Silverado Canyon	82-G			no paleo info			
6653	Orange	El Toro	465	12	Silverado Canyon	82-G			no paleo info			
6654	Orange	El Toro	465	13	Silverado Canyon	82-G			no paleo info			
6655	Orange	El Toro	465	14	Silverado Canyon	82-G			no paleo info			
6656	Orange	El Toro	465	15	Silverado Canyon	82-G			no paleo info			
6657	Orange	El Toro	465	16	Silverado Canyon	82-G			no paleo info			
6658	Orange	El Toro	465	17	Silverado Canyon	82-G			no paleo info			
6659	Orange	El Toro	465	18	Silverado Canyon	82-G			no paleo info			
6660	Orange	El Toro	465	19	Silverado Canyon	82-G			no paleo info			
6661	Orange	El Toro	465	20	Silverado Canyon	82-G			no paleo info			
6662	Orange	El Toro	465	21	Silverado Canyon	82-G			no paleo info			
6663	Orange	El Toro	465	22	Silverado Canyon	82-G			no paleo info			
6664	Orange	El Toro	465	23	Silverado Canyon	82-G			no paleo info			
6665	Orange	El Toro	465	24	Silverado Canyon	82-G			no paleo info			
6666	Orange	El Toro	465	25	Silverado Canyon	82-G			no paleo info			
6667	Orange	El Toro	465	26	Silverado Canyon	82-G			no paleo info			
6668	Orange	El Toro	465	27	Silverado Canyon	82-G			no paleo info			
6669	Orange	El Toro	1358		SE part of quad	24-A			no paleo info			
6670	Orange	El Toro	1359		EC part of quad	24-A			no paleo info			
6671	Orange	El Toro	4036		Near Lambert Res	31-N			Lower Mohnian			
6672	Orange	El Toro	4430		Aliso Avenue	31-N			Lower Mohnian			
6673	Orange	El Toro	4432	1	NW part of quad	31-N	rubber mold?		Miocene			
6674	Orange	El Toro	4432	2	NW part of quad	31-N	rubber mold?		Miocene			
6675	Orange	El Toro	4437		Limestone Canyon	31-N			Mohnian			
6676	Orange	El Toro	8818	A	Aliso Creek	35-E			Lower Mohnian			
6677	Orange	El Toro	8818	B	Aliso Creek	35-E			Lower Mohnian			
6678	Glenn	Elk Creek	517	29	near Elk Ck town	152-B	Elk Creek 15'		L Cret K zone	Amundson		
6679	Glenn	Elk Creek	517	31	near Elk Ck town	152-B	Elk Creek 15'		not diagnostic	Amundson		
6680	Glenn	Elk Creek	517	32	Grindstone Ranch	152-B	Elk Creek 15'		L Cret K zone	Amundson		
6681	Glenn	Elk Creek	517	33	Grindstone Ranch	152-B	Elk Creek 15'		L Cret K zone	Amundson		
6682	Glenn	Elk Creek	517	34	Grindstone Ranch	152-B	Elk Creek 15'		L Cret K zone	Amundson		
6683	Glenn	Elk Creek	517	35	near Elk Ck town	152-B	Elk Creek 15'		Jurassic M zone	Amundson		
6684	Glenn	Elk Creek	517	36	Rd W from Elk Ck	152-B	Elk Creek 15'		not diagnostic	Amundson		
6685	Glenn	Elk Creek	517	37	Rd W from Elk Ck	152-B	Elk Creek 15'		prob Jur M zone	Amundson		
6686	Glenn	Elk Creek	517	40	Rd W from Elk Ck	152-B	Elk Creek 15'		not diagnostic	Amundson		
6687	Glenn	Elk Creek	764	439	EC part of quad	153-H	Elk Creek 15'		L Cret J-2 zone	Helm		
6688	Glenn	Elk Creek	764	440	EC part of quad	153-H	Elk Creek 15'		L Cret J-2 zone	Helm		
6689	Glenn	Elk Creek	764	441	EC part of quad	153-H	Elk Creek 15'		L Cret J-2 zone	Helm		
6690	Glenn	Elk Creek	764	442	EC part of quad	153-H	Elk Creek 15'		L Cret J-2 zone	Helm		
6691	Glenn	Elk Creek	764	443	EC part of quad	153-H	Elk Creek 15'		L Cret J-2 zone	Helm		
6692	Glenn	Elk Creek	764	444	EC part of quad	153-H	Elk Creek 15'		L Cret J-2 zone	Helm		
6693	Glenn	Elk Creek	764	445	EC part of quad	153-H	Elk Creek 15'		L Cret J-2 zone	Helm		
6694	Glenn	Elk Creek	764	446	EC part of quad	153-H	Elk Creek 15'		L Cret J-2 zone	Helm		
6695	Glenn	Elk Creek	764	447	EC part of quad	153-H	Elk Creek 15'		L Cret J-2 zone	Helm		
6696	Glenn	Elk Creek	764	448	EC part of quad	153-H	Elk Creek 15'		L Cret J-2 zone	Helm		
6697	Glenn	Elk Creek	764	449	EC part of quad	153-H	Elk Creek 15'		L Cret J-2 zone	Helm		
6698	Glenn	Elk Creek	764	450	EC part of quad	153-H	Elk Creek 15'		L Cret J-2 zone	Helm		
6699	Glenn	Elk Creek	764	451	EC part of quad	153-I	Elk Creek 15'		L Cret J-2 zone	Helm		
6700	Glenn	Elk Creek	764	452	EC part of quad	153-I	Elk Creek 15'		L Cret J-2 zone	Helm		
6701	Glenn	Elk Creek	764	453	EC part of quad	153-I	Elk Creek 15'		L Cret J-2 zone	Helm		
6702	Glenn	Elk Creek	764	454	EC part of quad	153-I	Elk Creek 15'		L Cret J-2 zone	Helm		
6703	Glenn	Elk Creek	764	455	EC part of quad	153-I	Elk Creek 15'		L Cret J-2 zone	Helm		
6704	Glenn	Elk Creek	764	456	EC part of quad	153-I	Elk Creek 15'		L Cret J-2 zone	Helm		
6705	Glenn	Elk Creek	764	457	EC part of quad	153-I	Elk Creek 15'		L Cret J-2 zone	Helm		
6706	Glenn	Elk Creek	764	458	EC part of quad	153-I	Elk Creek 15'		L Cret J-2 zone	Helm		
6707	Glenn	Elk Creek	764	460	EC part of quad	153-I	Elk Creek 15'		L Cret J-2 zone	Helm		
6708	Glenn	Elk Creek	764	461	EC part of quad	153-I	Elk Creek 15'		L Cret J-2 zone	Helm		
6709	Glenn	Elk Creek	764	462	EC part of quad	153-I	Elk Creek 15'		L Cret J-2 zone	Helm		
6710	Glenn	Elk Creek	764	464	EC part of quad	153-I	Elk Creek 15'		L Cret J-2 zone	Helm		
6711	Glenn	Elk Creek	764	465	EC part of quad	153-I	Elk Creek 15'		L Cret J-2 zone	Helm		
6712	Glenn	Elk Creek	764	466	EC part of quad	153-I	Elk Creek 15'		L Cret J-2 zone	Helm		
6713	Glenn	Elk Creek	764	467	EC part of quad	153-I	Elk Creek 15'		L Cret J-2 zone	Helm		
6714	Glenn	Elk Creek	764	468	EC part of quad	153-I	Elk Creek 15'		L Cret J-2 zone	Helm		
6715	Glenn	Elk Creek	764	469	EC part of quad	153-I	Elk Creek 15'		L Cret J-2 zone	Helm		
6716	Glenn	Elk Creek	764	470	EC part of quad	153-I	Elk Creek 15'		L Cret J-2 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/AG	COLLECTORS		
7567	Kern	Elkhorn Hills	13927	50	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7568	Kern	Elkhorn Hills	13927	51	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7569	Kern	Elkhorn Hills	13927	52	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7570	Kern	Elkhorn Hills	13927	53	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7571	Kern	Elkhorn Hills	13927	55	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7572	Kern	Elkhorn Hills	13927	57	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7573	Kern	Elkhorn Hills	13927	59	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7574	Kern	Elkhorn Hills	13927	60	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7575	Kern	Elkhorn Hills	13927	61	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7576	Kern	Elkhorn Hills	13927	62	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7577	Kern	Elkhorn Hills	13927	64	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7578	Kern	Elkhorn Hills	13927	69	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7579	Kern	Elkhorn Hills	13927	78	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7580	Kern	Elkhorn Hills	13927	79	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7581	Kern	Elkhorn Hills	13927	80	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7582	Kern	Elkhorn Hills	13927	81	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7583	Kern	Elkhorn Hills	13927	83	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7584	Kern	Elkhorn Hills	13927	84	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7585	Kern	Elkhorn Hills	13927	86	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7586	Kern	Elkhorn Hills	13927	88	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7587	Kern	Elkhorn Hills	13927	90	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7588	Kern	Elkhorn Hills	13927	91	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7589	Kern	Elkhorn Hills	13927	96	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7590	Kern	Elkhorn Hills	13927	98	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7591	Kern	Elkhorn Hills	13927	100	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7592	Kern	Elkhorn Hills	13927	102	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7593	Kern	Elkhorn Hills	13927	104	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7594	Kern	Elkhorn Hills	13927	106	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7595	Kern	Elkhorn Hills	13927	110	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7596	Kern	Elkhorn Hills	13927	112	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7597	Kern	Elkhorn Hills	13927	114	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7598	Kern	Elkhorn Hills	13927	115	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7599	Kern	Elkhorn Hills	13927	117	Twenty One Cyn	221-K			Upper Miocene	HLL-GLP		
7600	Kern	Elkhorn Hills	13927	121	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7601	Kern	Elkhorn Hills	13927	123	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7602	Kern	Elkhorn Hills	13927	125	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7603	Kern	Elkhorn Hills	13927	128	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7604	Kern	Elkhorn Hills	13927	129	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7605	Kern	Elkhorn Hills	13927	131	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7606	Kern	Elkhorn Hills	13927	133	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7607	Kern	Elkhorn Hills	13927	136	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7608	Kern	Elkhorn Hills	13927	138	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7609	Kern	Elkhorn Hills	13927	140	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7610	Kern	Elkhorn Hills	13927	142	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7611	Kern	Elkhorn Hills	13927	143	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7612	Kern	Elkhorn Hills	13927	144	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7613	Kern	Elkhorn Hills	13927	145	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7614	Kern	Elkhorn Hills	13927	147	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7615	Kern	Elkhorn Hills	13927	149	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7616	Kern	Elkhorn Hills	13927	150	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7617	Kern	Elkhorn Hills	13927	151	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7618	Kern	Elkhorn Hills	13927	152	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7619	Kern	Elkhorn Hills	13927	153	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7620	Kern	Elkhorn Hills	13927	154	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7621	Kern	Elkhorn Hills	13927	156	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7622	Kern	Elkhorn Hills	13927	158	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7623	Kern	Elkhorn Hills	13927	159	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7624	Kern	Elkhorn Hills	13927	161	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7625	Kern	Elkhorn Hills	13927	162	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7626	Kern	Elkhorn Hills	13927	163	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7627	Kern	Elkhorn Hills	13927	166	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7628	Kern	Elkhorn Hills	13927	168	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7629	Kern	Elkhorn Hills	13927	170	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7630	Kern	Elkhorn Hills	13927	173	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7631	Kern	Elkhorn Hills	13927	174	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7632	Kern	Elkhorn Hills	13927	176	Twenty One Cyn	221-L			Upper Miocene	HLL-GLP		
7633	San Luis Obispo	Elkhorn Hills	22352	1B	S of Traver Ranch	26-I			no paleo info			
7634	San Luis Obispo	Elkhorn Hills	22352	2	S of Traver Ranch	26-I			no paleo info			
7635	San Luis Obispo	Elkhorn Hills	22352	3	S of Traver Ranch	26-I			no paleo info			
7636	San Luis Obispo	Elkhorn Hills	22352	14	S of Traver Ranch	26-I			no paleo info			
7637	San Luis Obispo	Elkhorn Hills	22352	15	S of Traver Ranch	26-I			no paleo info			
7638	San Luis Obispo	Elkhorn Hills	22352	16A	S of Traver Ranch	26-I			no paleo info			
7639	San Luis Obispo	Elkhorn Hills	22352	17	S of Traver Ranch	26-I			Saucesian			
7640	San Luis Obispo	Elkhorn Hills	22352	18	S of Traver Ranch	26-I			not diagnostic			
7641	San Luis Obispo	Elkhorn Hills	22352	19	S of Traver Ranch	26-I			L or M Miocene			
7642	Solano	Elmira	743	1	N of Travis AFB	123-E	Vacaville 15'	Cannon anticl.	not diagnostic			
7643	Solano	Elmira	743	2	Peabody Road	123-E	Vacaville 15'	Cannon anticl.	Upper Cretaceous			
7644	Solano	Elmira	743	3	Peabody Road	123-E	Vacaville 15'	Cannon anticl.	Upper Cretaceous			
7645	Solano	Elmira	743	4	Peabody Road	123-E	Vacaville 15'	Cannon anticl.	Upper Cretaceous			
7646	Solano	Elmira	743	5	Peabody Road	123-E	Vacaville 15'	Cannon anticl.	U Cret G-1 zone			
7647	Solano	Elmira	743	6	Peabody Road	123-E	Vacaville 15'	Cannon anticl.	Upper Cretaceous			
7648	Solano	Elmira	3456		Potrero Hills	12-I	4/5N/1W	rads	U Cret E zone	Stone		
7649	Solano	Elmira	3457		Potrero Hills	12-I	corehole	15/5N/1W	Upper Eocene	Stone		
7650	Solano	Elmira	23074		not on map	247-J	Colburn 125	Chico	not diagnostic	Colburn		
7651	Solano	Elmira	23075		not on map	247-J	Colburn 121	Chico	not diagnostic	Colburn		

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		
7652	Solano	Elmira	23076		not on map	247-J	Colburn 119	Chico	not diagnostic	Colburn		
7653	Solano	Elmira	23077		not on map	247-J	Colburn 117	Chico	not diagnostic	Colburn		
7654	Solano	Elmira	23078		not on map	247-J	radiolaria-rich	rads abun	poss U Cret E zon	Colburn		
7655	Solano	Elmira	23079		not on map	247-J	Colburn 116	Chico	poss U Cret E zon	Colburn		
7656	Solano	Elmira	23080		not on map	247-J		Chico	not diagnostic	Colburn		
7657	Solano	Elmira	23081		not on map	247-J	Colburn 115B	Chico	not diagnostic	Colburn		
7658	Solano	Elmira	23082		not on map	247-J	Colburn 115A	Chico	?Cretaceous	Colburn		
7659	Solano	Elmira	41931	20	Seis VP484	121-H		3/5N1W	no paleo info			
7660	Solano	Elmira	41931	40	Seis VP484	121-H			no paleo info			
7661	Solano	Elmira	41931	60	Seis VP484	121-H			no paleo info			
7662	Solano	Elmira	41931	80	Seis VP484	121-H			no paleo info			
7663	Solano	Elmira	41931	100	Seis VP484	121-H			no paleo info			
7664	Solano	Elmira	41931	120	Seis VP484	121-H			no paleo info			
7665	Solano	Elmira	41931	180	Seis VP484	121-H			no paleo info			
7666	Solano	Elmira	41931	200	Seis VP484	121-H			no paleo info			
7667	Solano	Elmira	41931	260	Seis VP484	121-H			no paleo info			
7668	Solano	Elmira	41931	300	Seis VP484	121-H			no paleo info			
7669	Solano	Elmira	41931	380	Seis VP484	121-H			no paleo info			
7670	Solano	Elmira	41931	400	Seis VP484	121-H			no paleo info			
7671	Solano	Elmira	41931	480	Seis VP484	121-H			no paleo info			
7672	Solano	Elmira	41931	500	Seis VP484	121-H			no paleo info			
7673	Solano	Elmira	41931	520	Seis VP484	121-H			no paleo info			
7674	Solano	Elmira	41931	540	Seis VP484	121-H			no paleo info			
7675	Solano	Elmira	41932	80	Seis VP549	121-H		4/5N1W	no paleo info			
7676	Solano	Elmira	41932	100	Seis VP549	121-H			no paleo info			
7677	Solano	Elmira	41932	120	Seis VP549	121-H			no paleo info			
7678	Solano	Elmira	41932	140	Seis VP549	121-H			no paleo info			
7679	Solano	Elmira	41932	160	Seis VP549	121-H			no paleo info			
7680	Solano	Elmira	41932	180	Seis VP549	121-H			no paleo info			
7681	Solano	Elmira	41932	200	Seis VP549	121-H			no paleo info			
7682	Solano	Elmira	41932	220	Seis VP549	121-H			no paleo info			
7683	Solano	Elmira	41932	240	Seis VP549	121-H			no paleo info			
7684	Solano	Elmira	41932	260	Seis VP549	121-H			no paleo info			
7685	Solano	Elmira	41932	280	Seis VP549	121-H			no paleo info			
7686	Solano	Elmira	41932	300	Seis VP549	121-H			no paleo info			
7687	Solano	Elmira	41932	400	Seis VP549	121-H			no paleo info			
7688	Solano	Elmira	41932	460	Seis VP549	121-H			no paleo info			
7689	Solano	Elmira	41932	480	Seis VP549	121-H			no paleo info			
7690	Solano	Elmira	41932	500	Seis VP549	121-H			no paleo info			
7691	Solano	Elmira	41932	520	Seis VP549	121-H			no paleo info			
7692	Solano	Elmira	41932	540	Seis VP549	121-H			no paleo info			
7693	Kern	Emigrant Hill	208	1	Wagonwheel Mtn	E-14	LSJU loc 1771		Refugian?			
7694	Kern	Emigrant Hill	208	2	Wagonwheel Mtn	E-14	LSJU locs		Refugian?			
7695	Kern	Emigrant Hill	208	3	Wagonwheel Mtn	E-14	LSJU locs		Refugian?			
7696	Kern	Emigrant Hill	208	4	Wagonwheel Mtn	E-14	LSJU locs		Refugian?			
7697	Kern	Emigrant Hill	208	5	Wagonwheel Mtn	E-14	LSJU locs		Refugian?			
7698	Kern	Emigrant Hill	208	6	Wagonwheel Mtn	E-14	LSJU locs		Refugian?			
7699	Kern	Emigrant Hill	208	7	Wagonwheel Mtn	E-14	LSJU locs		Refugian?			
7700	Kern	Emigrant Hill	208	8	Wagonwheel Mtn	E-14	LSJU locs		Refugian?			
7701	Kern	Emigrant Hill	208	9	Wagonwheel Mtn	E-14	LSJU locs		Refugian?			
7702	Kern	Emigrant Hill	208	10	Wagonwheel Mtn	E-14	LSJU locs		Refugian?			
7703	Kern	Emigrant Hill	269	630	Wagonwheel Mtn	F-3	ft above Lucina		no paleo info	Rist		
7704	Kern	Emigrant Hill	269	620	Wagonwheel Mtn	F-3	reef		no paleo info			
7705	Kern	Emigrant Hill	269	600	Wagonwheel Mtn	F-3	but not on map		no paleo info			
7706	Kern	Emigrant Hill	269	250	Wagonwheel Mtn	F-3			no paleo info			
7707	Kern	Emigrant Hill	269	230	Wagonwheel Mtn	F-3			no paleo info			
7708	Kern	Emigrant Hill	269	170	Wagonwheel Mtn	F-3			no paleo info			
7709	Kern	Emigrant Hill	302		Wagonwheel Mtn	A-7	basal Temblor	Santos	no paleo info			
7710	Kern	Emigrant Hill	335	1	Wagon Wheel Mtn	126-K	Strat column with a few foram	Temblor Fm.	L or M Miocene	Paap		
7711	Kern	Emigrant Hill	335	2	Wagon Wheel Mtn	126-I		Temblor Fm.	L or M Miocene	Paap		
7712	Kern	Emigrant Hill	335	3	Wagon Wheel Mtn	126-I	species and a few	Temblor Fm.	L or M Miocene	Paap		
7713	Kern	Emigrant Hill	335	4	Wagon Wheel Mtn	126-I	zone calls. Ages	Temblor Fm.	L or M Miocene	Paap		
7714	Kern	Emigrant Hill	335	6	Wagon Wheel Mtn	126-I	inferred in part	Temblor Fm.	L or M Miocene	Paap		
7715	Kern	Emigrant Hill	335	23	Wagon Wheel Mtn	126-I	from rock units.	Temblor Fm.	Lower Miocene	Paap		
7716	Kern	Emigrant Hill	335	25	Wagon Wheel Mtn	126-I	No indication on	Temblor Fm.	Lower Miocene	Paap		
7717	Kern	Emigrant Hill	335	28	Wagon Wheel Mtn	126-I	map where each	Temblor Fm.	Lower Miocene	Paap		
7718	Kern	Emigrant Hill	335	29	Wagon Wheel Mtn	126-I	sample is located.	Temblor Fm.	Lower Miocene	Paap		
7719	Kern	Emigrant Hill	335	30	Wagon Wheel Mtn	126-I	Used report by	Temblor Fm.	Zemorrian	Paap		
7720	Kern	Emigrant Hill	335	32	Wagon Wheel Mtn	126-I	Smith (1956, Univ	Temblor Fm.	Zemorrian	Paap		
7721	Kern	Emigrant Hill	335	33	Wagon Wheel Mtn	126-I	Calif v 32) for	Temblor Fm.	Zemorrian	Paap		
7722	Kern	Emigrant Hill	335	34	Wagon Wheel Mtn	126-I	some ages and	Temblor Fm.	Zemorrian	Paap		
7723	Kern	Emigrant Hill	335	35	Wagon Wheel Mtn	126-I	formation picks.	Temblor Fm.	Zemorrian	Paap		
7724	Kern	Emigrant Hill	335	36	Wagon Wheel Mtn	126-I		Temblor Fm.	Zemorrian	Paap		
7725	Kern	Emigrant Hill	335	37	Wagon Wheel Mtn	126-I		Temblor Fm.	Zemorrian	Paap		
7726	Kern	Emigrant Hill	335	40	Wagon Wheel Mtn	126-I		Wagon Whl Fr	Refugian	Paap		
7727	Kern	Emigrant Hill	335	42	Wagon Wheel Mtn	126-I		Wagon Whl Fr	Refugian	Paap		
7728	Kern	Emigrant Hill	335	43	Wagon Wheel Mtn	126-I		Wagon Whl Fr	Refugian	Paap		
7729	Kern	Emigrant Hill	335	44	Wagon Wheel Mtn	126-I		Wagon Whl Fr	Refugian	Paap		
7730	Kern	Emigrant Hill	335	45	Wagon Wheel Mtn	126-I		Wagon Whl Fr	Refugian	Paap		
7731	Kern	Emigrant Hill	335	46	Wagon Wheel Mtn	126-I		Wagon Whl Fr	Refugian	Paap		
7732	Kern	Emigrant Hill	335	47	Wagon Wheel Mtn	126-I		Wagon Whl Fr	Refugian	Paap		
7733	Kern	Emigrant Hill	335	48	Wagon Wheel Mtn	126-I		Wagon Whl Fr	Refugian	Paap		
7734	Kern	Emigrant Hill	335	49	Wagon Wheel Mtn	126-I		Wagon Whl Fr	Refugian	Paap		
7735	Kern	Emigrant Hill	335	50	Wagon Wheel Mtn	126-J		Wagon Whl Fr	Refugian	Paap		
7736	Kern	Emigrant Hill	335	51	Wagon Wheel Mtn	126-J		Wagon Whl Fr	Refugian	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		
7907	Kern	Emigrant Hill	13244	20-1	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
7908	Kern	Emigrant Hill	13244	20A	Wagonwheel Mtn	47-M			no paleo info	WJL & JDB		
7909	Kern	Emigrant Hill	13244	20B	Wagonwheel Mtn	47-M			n	WJL & JDB		
7910	San Diego	Encinitas	5769	1	San Elijo Lagoon	28-J?			no paleo info			
7911	San Diego	Encinitas	5769	3	San Elijo Lagoon	28-J?			no paleo info			
7912	Shasta	Enterprise	11163		E of Redding airpo	153-K	Redding 15'	USBR CH	U Cret F/G zones			
7913	Shasta	Enterprise	11164	A	E of Redding airpo	153-K	Redding 15'	USBR CH	U Cret G-1 zone			
7914	Shasta	Enterprise	11164	B	E of Redding airpo	153-K	Redding 15'	USBR CH	U Cret G-1 zone			
7915	Shasta	Enterprise	11164	C	E of Redding airpo	153-K	Redding 15'	USBR CH	U Cret G-1 zone			
7916	Shasta	Enterprise	11164	D	E of Redding airpo	153-K	Redding 15'	USBR CH	U Cret G-1 zone			
7917	Shasta	Enterprise	11164	E	E of Redding airpo	153-K	Redding 15'	USBR CH	U Cret G-1 zone			
7918	Shasta	Enterprise	11164	F	E of Redding airpo	153-K	Redding 15'	USBR CH	U Cret G-1 zone			
7919	Shasta	Enterprise	11166	G	E of Redding airpo	153-K	Redding 15'	USBR CH	U Cret G-1 zone			
7920	Yolo	Esparto	1130	23	Salt Arroyo	151-L	L Berryessa 15'	30/10N/2W	U Cret F-1 zone			
7921	Yolo	Esparto	1131	1	Cottonwood Cyn	151-L	L Berryessa 15'	Have strat	not diagnostic			
7922	Yolo	Esparto	1131	2	Cottonwood Cyn	151-L	L Berryessa 15'	column	not diagnostic			
7923	Yolo	Esparto	1131	3	Cottonwood Cyn	151-L	L Berryessa 15'	17/9N/2W	U Cret G-1 zone			
7924	Yolo	Esparto	1131	4	Cottonwood Cyn	151-L	L Berryessa 15'		barren			
7925	Yolo	Esparto	1131	5	Cottonwood Cyn	151-L	L Berryessa 15'	Ctnwood Ck	U Cret F-1 or G-1			
7926	Yolo	Esparto	1131	6	Cottonwood Cyn	151-L	L Berryessa 15'	17/9N/2W	U Cret F-1 or G-1			
7927	Yolo	Esparto	1131	8	Cottonwood Cyn	151-L	L Berryessa 15'		not diagnostic			
7928	Yolo	Esparto	1131	10	Cottonwood Cyn	151-L	L Berryessa 15'	16/9N/2W	Upper Cretaceous			
7929	Yolo	Esparto	1131	14	Cottonwood Cyn	151-L	L Berryessa 15'		not diagnostic			
7930	Yolo	Esparto	1131	17	Cottonwood Cyn	151-L	L Berryessa 15'		U Cret F-1 zone			
7931	Yolo	Esparto	1131	18	Cottonwood Cyn	151-L	L Berryessa 15'		U Cret F-1 zone			
7932	Yolo	Esparto	1131	20	Cottonwood Cyn	151-L	L Berryessa 15'		U Cret F-1 zone			
7933	Yolo	Esparto	1131	21	Cottonwood Cyn	151-L	L Berryessa 15'		U Cret F-1 zone			
7934	Yolo	Esparto	1131	22	Cottonwood Cyn	151-L	L Berryessa 15'		not diagnostic			
7935	Yolo	Esparto	1131	23	Cottonwood Cyn	151-L	L Berryessa 15'		U Cret F-1 zone			
7936	Yolo	Esparto	1131	24	Cottonwood Cyn	151-L	L Berryessa 15'		not diagnostic			
7937	Monterey	Espinosa Canyon	7183	A	Seven Well Cyn	12-K	King City 15'	Twitch Dam	not diagnostic	Ortalda		
7938	Monterey	Espinosa Canyon	7191		SW of San Lucas	136-G	King City 15'		Upper Miocene	Lindvall		
7939	Monterey	Espinosa Canyon	23161	A	Seven Well Canyon	252-A			no paleo info	Miller		
7940	Monterey	Espinosa Canyon	23161	B	Seven Well Canyon	252-A			no paleo info	Miller		
7941	Monterey	Espinosa Canyon	23161	C	Seven Well Canyon	252-A			no paleo info	Miller		
7942	Monterey	Espinosa Canyon	23161	D	Seven Well Canyon	252-A			no paleo info	Miller		
7943	Monterey	Espinosa Canyon	23162	D	W of Seven Well C	252-A			no paleo info	Miller		
7944	Monterey	Espinosa Canyon	23164	A	Espinosa Canyon	252-A		age from map	barren	Gregory		
7945	Monterey	Espinosa Canyon	23164	C	Espinosa Canyon	252-A		age from map	Upper Miocene	Gregory		
7946	Monterey	Espinosa Canyon	23164	G	Lockwood Grade	252-A		age from map	not diagnostic	Gregory		
7947	Monterey	Espinosa Canyon	23164	H	San Lucas Canyon	252-A		age from map	Upper Miocene	Gregory		
7948	Monterey	Espinosa Canyon	23222		center of quad	252-B			not diagnostic	Gregory		
7949	Monterey	Espinosa Canyon	23838	34	Line I-52	189-L	NW corner of quad		Upper Mohnian			
7950	Monterey	Espinosa Canyon	23838	35	Line I-52	189-L	NW corner of quad		Upper Mohnian			
7951	Monterey	Espinosa Canyon	23838	36	Line I-52	189-L	NW corner of quad		Upper Mohnian			
7952	Monterey	Espinosa Canyon	23838	38	Line I-52	189-L	NW corner of quad		Upper Mohnian			
7953	Monterey	Espinosa Canyon	23838	39	Line I-52	189-L	NW corner of quad		Upper Mohnian			
7954	Monterey	Espinosa Canyon	23838	41	Line I-52	189-L	NW corner of quad		Upper Mohnian			
7955	Monterey	Espinosa Canyon	23838	42	Line I-52	189-L	NW corner of quad		Upper Mohnian			
7956	Monterey	Espinosa Canyon	23838	43	Line I-52	189-L	NW corner of quad		Upper Mohnian			
7957	Monterey	Espinosa Canyon	23838	44	Line I-52	189-L	NW corner of quad		Upper Mohnian			
7958	San Luis Obispo	Estrella	7266	1	Estrella Creek	117-N?	Paso Robles 15'	not on map	?Lower Mohnian	Salveson		
7959	San Luis Obispo	Estrella	7266	2	Estrella Creek	117-N?	Paso Robles 15'	not on map	?Lower Mohnian	Salveson		
7960	Humboldt	Eureka	21303	1	Rynn Creek	260-A	Eureka 15'		barren			
7961	Humboldt	Eureka	21304		Rynn Creek	260-A	Eureka 15'	rich fauna	Upper Pliocene			
7962	Mendocino	Eureka Hill	3731		River Road	122-G	Point Arena 15'		not diagnostic	Tarbet		
7963	Solano	Fairfield North	1134	1	not on map	151-M	Along Hwy 80	not on map	not diagnostic			
7964	Solano	Fairfield North	1134	3	not on map	151-M	Along Hwy 80	Have strat	not diagnostic			
7965	Solano	Fairfield North	1134	4	not on map	151-M	Along Hwy 80	column	not diagnostic			
7966	Solano	Fairfield North	1134	5	not on map	151-M	Along Hwy 80	29-30/6N/1W	not diagnostic			
7967	Solano	Fairfield North	1134	6	not on map	151-M	Along Hwy 80		not diagnostic			
7968	Solano	Fairfield North	1134	7	not on map	151-M	Along Hwy 80		not diagnostic			
7969	Solano	Fairfield North	1134	8	not on map	151-M	Along Hwy 80		U Cret F-1 zone			
7970	Solano	Fairfield North	1134	9	not on map	151-M	Along Hwy 80		U Cret F-1 zone			
7971	Solano	Fairfield North	1134	10	not on map	151-M	Along Hwy 80		U Cret F-1 zone			
7972	Solano	Fairfield North	1134	11	not on map	151-M	Along Hwy 80		U Cret F-1 zone			
7973	Solano	Fairfield North	1134	12	not on map	151-M	Along Hwy 80		U Cret F-1 zone			
7974	Solano	Fairfield North	1134	13	not on map	151-M	Along Hwy 80		U Cret F-1 zone			
7975	Solano	Fairfield North	1134	14	not on map	151-M	Along Hwy 80		U Cret F-1 zone			
7976	Solano	Fairfield North	1134	15	not on map	151-M	Along Hwy 80		U Cret F-2 zone			
7977	Solano	Fairfield North	1134	16	not on map	151-M	Along Hwy 80		not diagnostic			
7978	Solano	Fairfield North	1134	17	not on map	151-M	Along Hwy 80		not diagnostic			
7979	Solano	Fairfield North	1134	18	not on map	151-M	Along Hwy 80		not diagnostic			
7980	Solano	Fairfield North	1134	19	not on map	151-M	Along Hwy 80		not diagnostic			
7981	Solano	Fairfield North	1134	20	not on map	151-M	Along Hwy 80		U Cret F-2 zone			
7982	Solano	Fairfield North	1134	21	not on map	151-M	Along Hwy 80		not diagnostic			
7983	Solano	Fairfield North	1134	22	not on map	151-M	Along Hwy 80		not diagnostic			
7984	Solano	Fairfield North	1134	24	not on map	151-M	Along Hwy 80		not diagnostic			
7985	Solano	Fairfield North	1134	25	not on map	151-M	Along Hwy 80		not diagnostic			
7986	Solano	Fairfield North	1134	26	not on map	151-M	Along Hwy 80		not diagnostic			
7987	Solano	Fairfield North	1134	28	not on map	151-M	Along Hwy 80		not diagnostic			
7988	Solano	Fairfield North	1134	29	not on map	151-M	Along Hwy 80		not diagnostic			
7989	Solano	Fairfield North	1134	30	not on map	151-M	Along Hwy 80		barren			
7990	Solano	Fairfield North	1134	31	not on map	151-M	Along Hwy 80		not diagnostic			
7991	Solano	Fairfield North	1134	32	not on map	151-M	Along Hwy 80		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/AG	COLLECTORS		
7992	Solano	Fairfield North	1134	33	not on map	151-M	Along Hwy 80			not diagnostic		
7993	Solano	Fairfield North	11160	1	Hwy 80 by Laurel	151-M				U Cret F/G zones	Hornung	
7994	Solano	Fairfield North	11160	2	Hwy 80 by Laurel	151-M				U Cret F/G zones	Hornung	
7995	Solano	Fairfield North	11160	3	Hwy 80 by Laurel	151-M				U Cret F/G zones	Hornung	
7996	Solano	Fairfield North	11160	4	Hwy 80 by Laurel	151-M				U Cret F/G zones	Hornung	
7997	Solano	Fairfield North	11160	5	Hwy 80 by Laurel	151-M				U Cret F/G zones	Hornung	
7998	Solano	Fairfield North	11160	6	Hwy 80 by Laurel	151-M				U Cret F/G zones	Hornung	
7999	Solano	Fairfield North	11160	7	Hwy 80 by Laurel	151-M				U Cret F/G zones	Hornung	
8000	Solano	Fairfield North	21611		N of Cherry Glen	228-J				U Cret F-2 zone	Beck	
8001	Solano	Fairfield North	21612		N of Cherry Glen	228-J				not diagnostic	Beck	
8002	Solano	Fairfield North	21613		N of Cherry Glen	228-J				Cret F-2 or G-1	Beck	
8003	Solano	Fairfield North	21614		N of Cherry Glen	228-J				Cret F-2 or G-1	Beck	
8004	Solano	Fairfield North	21615	A	SE of Cherry Glen	228-J				Cret F-2 or G-1	Beck	
8005	Solano	Fairfield North	21615	B	SE of Cherry Glen	228-J				Cret F-2 or G-1	Beck	
8006	Solano	Fairfield North	21616		SE of Cherry Glen	228-K				Cret F-2 or G-1	Beck	
8007	Solano	Fairfield North	21617		SE of Cherry Glen	228-K				Cret F-2 or G-1	Beck	
8008	Solano	Fairfield North	21618	A	SE of Cherry Glen	228-K				Cret F-2 or G-1	Beck	
8009	Solano	Fairfield North	21618	B	SE of Cherry Glen	228-K				Cret F-2 or G-1	Beck	
8010	Solano	Fairfield North	21619		Laurel Creek	228-K				Cret F-2 or G-1	Beck	
8011	Solano	Fairfield North	21620	A	Highway 80	228-K				UK G-2 zone	Beck	
8012	Solano	Fairfield North	21620	B	Highway 80	228-K				UK G-2 zone	Beck	
8013	Solano	Fairfield North	21621		Putah South Canal	228-K				Cret F-2 or G-1	Beck	
8014	Solano	Fairfield North	21622		Fairfield cemetery	228-K				barren	Beck	
8015	Solano	Fairfield North	21623		NW of Mankas Cor	228-K				not diagnostic	Beck	
8016	Solano	Fairfield North	21624		SE of Mankas Cor	228-K				UK G-2 or older	Beck	
8017	Solano	Fairfield North	21625		S of Gregory Rd	228-K				UK G-2 or older	Beck	
8018	Solano	Fairfield North	21626		N of Gregory Road	228-K				not diagnostic	Beck	
8019	Solano	Fairfield North	21627		N of Gregory Road	228-K				not diagnostic	Beck	
8020	Solano	Fairfield North	21628		N of Gregory Road	228-K				U Cret G-1 zone	Beck	
8021	Solano	Fairfield North	21629		NW of Mankas Cor	228-K				older than UK G-1	Beck	
8022	Solano	Fairfield North	21630		Gordon Valley Road	228-K				Lower Cretaceous	Beck	
8023	Napa	Fairfield North	21632		Gordon Valley Road	228-K				Lower Cretaceous	Beck	
8024	Solano	Fairfield South	3458		Potrero Hills	12-I	1/4N/2W	not on map		Prob Paleocene	Stone	
8025	Solano	Fairfield South	3458	RW	Potrero Hills	12-I	1/4N/2W	not on map		Prob Paleocene	Stone	
8026	Solano	Fairfield South	18746	1A	not found	89-C	SE of Suisun city	auger holes E		Paleocene D zone		
8027	Solano	Fairfield South	18746	1B	not found	89-C	SE of Suisun city	auger holes E		Paleocene D zone		
8028	Solano	Fairfield South	18746	2	not found	89-C	SE of Suisun city	auger holes E		Paleocene D zone		
8029	Solano	Fairfield South	18746	3	not found	89-C	SE of Suisun city	auger holes E		Paleocene D zone		
8030	Solano	Fairfield South	18746	4	not found	89-C	SE of Suisun city	auger holes E		Paleocene D zone		
8031	Solano	Fairfield South	18746	5	not found	89-C	SE of Suisun city	auger holes E		not diagnostic		
8032	Solano	Fairfield South	18747	1	not found	236-N	S of Suisun Hill	auger holes E		Paleocene D zone		
8033	Solano	Fairfield South	18747	2	not found	236-N	S of Suisun Hill	auger holes E		Paleocene D zone		
8034	Solano	Fairfield South	18747	3	not found	236-N	S of Suisun Hill	auger holes E		Paleocene D zone		
8035	Solano	Fairfield South	18747	6	not found	236-N	S of Suisun Hill	auger holes E		not diagnostic		
8036	Solano	Fairfield South	18747	7	not found	236-N	S of Suisun Hill	auger holes E		not diagnostic		
8037	Solano	Fairfield South	18747	10	not found	236-N	S of Suisun Hill	auger holes E		not diagnostic		
8038	Solano	Fairfield South	18747	12	not found	236-N	S of Suisun Hill	auger holes E		Meganos C zone		
8039	Solano	Fairfield South	18747	13	not found	236-N	S of Suisun Hill	auger holes E		not diagnostic		
8040	Solano	Fairfield South	24537		prob Potrero Hills	107-N	6/4N/1W (SLP)	SLURP age		Paleocene		
8041	Solano?	Fairfield South?	18739	1	not found	236-L		auger holes E		no paleo info		
8042	Solano?	Fairfield South?	18739	2	not found	236-L		auger holes E		no paleo info		
8043	Solano?	Fairfield South?	18739	3	not found	236-L		auger holes E		no paleo info		
8044	Solano?	Fairfield South?	18739	4	not found	236-L		auger holes E		no paleo info		
8045	Solano?	Fairfield South?	18739	5A	not found	236-L		auger holes E		no paleo info		
8046	Solano?	Fairfield South?	18739	5B	not found	236-L		auger holes E		no paleo info		
8047	Solano?	Fairfield South?	18739	6A	not found	236-L		auger holes E		no paleo info		
8048	Solano?	Fairfield South?	18739	6B	not found	236-L		auger holes E		no paleo info		
8049	Solano?	Fairfield South?	18739	8B	not found	236-L		auger holes E		no paleo info		
8050	Solano?	Fairfield South?	18740	1A	not found	236-L		auger holes E		no paleo info		
8051	Solano?	Fairfield South?	18740	1B	not found	236-L		auger holes E		no paleo info		
8052	Solano?	Fairfield South?	18740	2A	not found	236-L		auger holes E		no paleo info		
8053	Solano?	Fairfield South?	18740	2B	not found	236-L		auger holes E		no paleo info		
8054	Solano?	Fairfield South?	18740	3	not found	236-L		auger holes E		no paleo info		
8055	Solano?	Fairfield South?	18740	4	not found	236-L		auger holes E		no paleo info		
8056	Solano?	Fairfield South?	18740	5	not found	236-L		auger holes E		no paleo info		
8057	Solano?	Fairfield South?	18740	6	not found	236-L		auger holes E		no paleo info		
8058	Solano?	Fairfield South?	18740	7	not found	236-L		auger holes E		no paleo info		
8059	Solano?	Fairfield South?	18740	8	not found	236-M		auger holes E		no paleo info		
8060	Solano?	Fairfield South?	18740	9	not found	236-M		auger holes E		no paleo info		
8061	Solano?	Fairfield South?	18740	10	not found	236-M		auger holes E		no paleo info		
8062	Solano?	Fairfield South?	18741	1	not found	236-M		auger holes E		no paleo info		
8063	Solano?	Fairfield South?	18741	1A	not found	236-M		auger holes E		no paleo info		
8064	Solano?	Fairfield South?	18741	1B	not found	236-M		auger holes E		no paleo info		
8065	Solano?	Fairfield South?	18741	2A	not found	236-M		auger holes E		no paleo info		
8066	Solano?	Fairfield South?	18741	2B	not found	236-M		auger holes E		no paleo info		
8067	Solano?	Fairfield South?	18741	2C	not found	236-M		auger holes E		no paleo info		
8068	Solano?	Fairfield South?	18741	3	not found	236-M		auger holes E		no paleo info		
8069	Solano?	Fairfield South?	18741	4	not found	236-M		auger holes E		no paleo info		
8070	Solano?	Fairfield South?	18741	5	not found	236-M		auger holes E		no paleo info		
8071	Solano?	Fairfield South?	18741	7A	not found	236-M		auger holes E		no paleo info		
8072	Solano?	Fairfield South?	18741	7B	not found	236-M		auger holes E		no paleo info		
8073	Solano?	Fairfield South?	18741	8A	not found	236-M		auger holes E		no paleo info		
8074	Solano?	Fairfield South?	18741	8B	not found	236-M		auger holes E		no paleo info		
8075	Solano?	Fairfield South?	18741	9A	not found	236-M		auger holes E		no paleo info		
8076	Solano?	Fairfield South?	18741	9B	not found	236-M		auger holes 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	ZONE/SERIES/AG	COLLECTORS		
8247	San Luis Obispo	Fellows	431	115	McLeod Canyon	97-L			no paleo info	Owens &		
8248	San Luis Obispo	Fellows	431	116	McLeod Canyon	97-L			no paleo info	Owens &		
8249	San Luis Obispo	Fellows	431	118	McLeod Canyon	97-L			no paleo info	Owens &		
8250	San Luis Obispo	Fellows	431	119	McLeod Canyon	97-L			no paleo info	Owens &		
8251	San Luis Obispo	Fellows	431	120	McLeod Canyon	97-L			no paleo info	Owens &		
8252	San Luis Obispo	Fellows	431	121	McLeod Canyon	97-L			no paleo info	Owens &		
8253	San Luis Obispo	Fellows	431	122	McLeod Canyon	97-L			no paleo info	Owens &		
8254	San Luis Obispo	Fellows	431	123	McLeod Canyon	97-L			no paleo info	Owens &		
8255	San Luis Obispo	Fellows	431	124	McLeod Canyon	97-L			no paleo info	Owens &		
8256	San Luis Obispo	Fellows	431	125	McLeod Canyon	97-L			no paleo info	Owens &		
8257	San Luis Obispo	Fellows	431	126	McLeod Canyon	97-L			no paleo info	Owens &		
8258	San Luis Obispo	Fellows	431	127	McLeod Canyon	97-L			no paleo info	Owens &		
8259	San Luis Obispo	Fellows	431	128	McLeod Canyon	97-L			no paleo info	Owens &		
8260	San Luis Obispo	Fellows	431	129	McLeod Canyon	97-L			no paleo info	Owens &		
8261	San Luis Obispo	Fellows	433	A	WC part of quad	98-G			no paleo info	Owens		
8262	San Luis Obispo	Fellows	433	B	WC part of quad	98-G			no paleo info	Owens		
8263	San Luis Obispo	Fellows	433	C	WC part of quad	98-G			no paleo info	Owens		
8264	San Luis Obispo	Fellows	433	F	WC part of quad	98-G			no paleo info	Owens		
8265	San Luis Obispo	Fellows	433	J	WC part of quad	98-G			no paleo info	Owens		
8266	San Luis Obispo	Fellows	433	L	WC part of quad	98-G			no paleo info	Owens		
8267	San Luis Obispo	Fellows	433	M	WC part of quad	98-G			no paleo info	Owens		
8268	San Luis Obispo	Fellows	433	N	WC part of quad	98-G			no paleo info	Owens		
8269	San Luis Obispo	Fellows	433	P	WC part of quad	98-G			no paleo info	Owens		
8270	San Luis Obispo	Fellows	433	Q	WC part of quad	98-G			no paleo info	Owens		
8271	San Luis Obispo	Fellows	433	R	WC part of quad	98-G			no paleo info	Owens		
8272	San Luis Obispo	Fellows	433	S	WC part of quad	98-G			no paleo info	Owens		
8273	San Luis Obispo	Fellows	1771		Midway Peak	73-J			no paleo info	Kriz		
8274	San Luis Obispo	Fellows	1772		Midway Peak	73-J			no paleo info	Kriz		
8275	San Luis Obispo	Fellows	1800		SW part of quad	73-J			no paleo info	Carlisle		
8276	San Luis Obispo	Fellows	1847		W of Midway Peak	73-J			no paleo info	Carlisle		
8277	San Luis Obispo	Fellows	1848		SW part of quad	73-J			no paleo info	Carlisle		
8278	San Luis Obispo	Fellows	1849		SW part of quad	73-J			no paleo info	Carlisle		
8279	San Luis Obispo	Fellows	1850		SW part of quad	73-J			no paleo info	Carlisle		
8280	San Luis Obispo	Fellows	1852		SW part of quad	73-J			no paleo info	Carlisle		
8281	Not found	Fellows	1856		SW part of quad	73-J			no paleo info	Carlisle		
8282	San Luis Obispo	Fellows	1862		SW part of quad	73-J			no paleo info	Carlisle		
8283	San Luis Obispo	Fellows	1863		SW part of quad	73-J			no paleo info	Carlisle		
8284	San Luis Obispo	Fellows	1864		SW part of quad	73-J			no paleo info	Carlisle		
8285	San Luis Obispo	Fellows	1865		SW part of quad	73-J			no paleo info	Carlisle		
8286	San Luis Obispo	Fellows	1873		SW part of quad	73-J		age from map	no paleo info	Carlisle		
8287	San Luis Obispo	Fellows	1877		Midway Peak area	73-J			no paleo info	Carlisle		
8288	San Luis Obispo	Fellows	1878		Midway Peak area	73-J			no paleo info	Carlisle		
8289	San Luis Obispo	Fellows	1879		Midway Peak area	73-J			no paleo info	Carlisle		
8290	San Luis Obispo	Fellows	1880		Midway Peak area	73-J			no paleo info	Carlisle		
8291	San Luis Obispo	Fellows	1893		SW part of quad	73-J		age from map	Lower Mohnian	Carlisle		
8292	San Luis Obispo	Fellows	1894		SW part of quad	73-J		age from map	Lower Mohnian	Carlisle		
8293	San Luis Obispo	Fellows	1895		SW part of quad	73-J		age from map	Lower Mohnian	Carlisle		
8294	San Luis Obispo	Fellows	1902		SW part of quad	73-K			no paleo info	Carlisle		
8295	San Luis Obispo	Fellows	2952		Hale McLeod Cyn	98-F			no paleo info	Owens		
8296	San Luis Obispo	Fellows	2953		Hale McLeod Cyn	98-F			no paleo info	Owens		
8297	San Luis Obispo	Fellows	2954		Hale McLeod Cyn	98-F			no paleo info	Owens		
8298	San Luis Obispo	Fellows	2956		Hale McLeod Cyn	98-F			no paleo info	Owens		
8299	San Luis Obispo	Fellows	2958		Hale McLeod Cyn	98-F			no paleo info	Owens		
8300	San Luis Obispo	Fellows	2959		Hale McLeod Cyn	98-F			no paleo info	Owens		
8301	San Luis Obispo	Fellows	2960		Hale McLeod Cyn	98-F			no paleo info	Owens		
8302	San Luis Obispo	Fellows	2961		Hale McLeod Cyn	98-F			no paleo info	Owens		
8303	San Luis Obispo	Fellows	2962		SW part of quad	98-F			no paleo info	Owens		
8304	San Luis Obispo	Fellows	2963		SW part of quad	98-F			no paleo info	Owens		
8305	San Luis Obispo	Fellows	2965		SW part of quad	98-F			no paleo info	Owens		
8306	San Luis Obispo	Fellows	2966		SW part of quad	98-F			no paleo info	Owens		
8307	San Luis Obispo	Fellows	2968		SW part of quad	98-F			no paleo info	Owens		
8308	San Luis Obispo	Fellows	2969		SW part of quad	98-F			no paleo info	Owens		
8309	San Luis Obispo	Fellows	2970		SW part of quad	98-F			no paleo info	Owens		
8310	San Luis Obispo	Fellows	2975		SW part of quad	98-F			no paleo info	Owens		
8311	San Luis Obispo	Fellows	2980		Midway Peak area	98-F			no paleo info	Owens		
8312	San Luis Obispo	Fellows	2983		Midway Peak area	98-F			no paleo info	Owens		
8313	San Luis Obispo	Fellows	2984		Midway Peak area	98-F			no paleo info	Owens		
8314	San Luis Obispo	Fellows	2985		Midway Peak area	98-F			no paleo info	Owens		
8315	San Luis Obispo	Fellows	2986		Midway Peak area	98-F			no paleo info	Owens		
8316	San Luis Obispo	Fellows	2987		Midway Peak area	98-F			no paleo info	Owens		
8317	San Luis Obispo	Fellows	2990		Midway Peak area	98-F			no paleo info	Owens		
8318	San Luis Obispo	Fellows	2991		Midway Peak area	98-F			no paleo info	Owens		
8319	San Luis Obispo	Fellows	2992		Midway Peak area	98-F			no paleo info	Owens		
8320	San Luis Obispo	Fellows	2993		Midway Peak area	98-F			no paleo info	Owens		
8321	San Luis Obispo	Fellows	2995		Midway Peak area	98-F			no paleo info	Owens		
8322	San Luis Obispo	Fellows	2996		Midway Peak area	98-F			no paleo info	Owens		
8323	San Luis Obispo	Fellows	3066		Midway Peak area	98-F	name on slide		no paleo info	Owens		
8324	San Luis Obispo	Fellows	3422		SC part of quad	104-G	Temblor Range		no paleo info	Dubensky		
8325	San Luis Obispo	Fellows	3423		SC part of quad	104-G	Temblor Range		no paleo info	Dubensky		
8326	San Luis Obispo	Fellows	3424		SC part of quad	104-G	Temblor Range		no paleo info	Dubensky		
8327	San Luis Obispo	Fellows	13931	1	Midway Peak	221-J		age from strat	M and U Miocene			
8328	San Luis Obispo	Fellows	13931	2	Midway Peak	221-J		column	M and U Miocene			
8329	San Luis Obispo	Fellows	13931	3	Midway Peak	221-J			M and U Miocene			
8330	San Luis Obispo	Fellows	13931	4	Midway Peak	221-J			M and U Miocene			
8331	San Luis Obispo	Fellows	13931	5	Midway Peak	221-J			M and U 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		
8502	San Luis Obispo	Fellows	13932	118	McLeod Canyon	69-G			Upper Miocene			
8503	San Luis Obispo	Fellows	13932	121	McLeod Canyon	69-G			Upper Miocene			
8504	San Luis Obispo	Fellows	13932	124	McLeod Canyon	69-G			Upper Miocene			
8505	San Luis Obispo	Fellows	13932	125	McLeod Canyon	69-G			Upper Miocene			
8506	San Luis Obispo	Fellows	13932	126	McLeod Canyon	69-G			Upper Miocene			
8507	San Luis Obispo	Fellows	13932	127	McLeod Canyon	69-G			Upper Miocene			
8508	San Luis Obispo	Fellows	13932	128	McLeod Canyon	69-G			Upper Miocene			
8509	San Luis Obispo	Fellows	13932	129	McLeod Canyon	69-G			Upper Miocene			
8510	San Luis Obispo	Fellows?	3050		West of Fellows	98-F		not on map	no paleo info	Owens		
8511	San Luis Obispo	Fellows?	3051		West of Fellows	98-F		not on map	no paleo info	Owens		
8512	San Luis Obispo	Fellows?	3055		West of Fellows	98-F		not on map	no paleo info	Owens		
8513	San Luis Obispo	Fellows?	3056		West of Fellows	98-F		not on map	no paleo info	Owens		
8514	San Luis Obispo	Fellows?	3057		West of Fellows	98-F		not on map	no paleo info	Owens		
8515	San Luis Obispo	Fellows?	3058		West of Fellows	98-F		not on map	no paleo info	Owens		
8516	San Luis Obispo	Fellows?	3059		West of Fellows	98-F	name on slide	not on map	no paleo info	Owens		
8517	San Luis Obispo	Fellows?	3060		West of Fellows	98-F	name on slide	not on map	no paleo info	Owens		
8518	Santa Cruz	Felton	5671		Ben Lomond	129-M			Luisian	Starke		
8519	Santa Cruz	Felton	5994		not on map	147-A			Middle Miocene	Kraetsch		
8520	Santa Cruz	Felton	5995		Zayante Creek	147-A			Relizian	Kraetsch		
8521	Santa Cruz	Felton	5996		Zayante Creek	147-A			Relizian	Kraetsch		
8522	Santa Cruz	Felton	5997		Zayante Creek	147-A			Relizian	Kraetsch		
8523	Santa Cruz	Felton	5998		Zayante Creek	147-A			Lower Miocene	Kraetsch		
8524	Santa Cruz	Felton	5999		not on map	147-A			Middle Miocene	Kraetsch		
8525	Santa Cruz	Felton	7399		Bean Creek	147-C	6/10S/1W (SLP)		Middle Miocene	Kraetsch		
8526	Santa Cruz	Felton	7400		Bean Creek	147-C	6/10S/1W (SLP)		Middle Miocene	Kraetsch		
8527	Santa Cruz	Felton	7401		Bean Creek	147-C	5/10S/1W (SLP)		Middle Miocene	Kraetsch		
8528	Santa Cruz	Felton	7417		Lompico Creek	147-C	2/10S/2W (SLP)		Luisian	Kraetsch		
8529	Santa Cruz	Felton	7418		Lompico Creek	147-C	35/9S/2W (SLP)		Relizian	Kraetsch		
8530	Santa Cruz	Felton	7419		Lompico Creek	147-C	25/9S/2W (SLP)		Relizian	Kraetsch		
8531	Santa Cruz	Felton	7420		Mount Herman	147-C	14/10S/2W (SLP)	sa Mindego H	Middle Miocene	Kraetsch		
8532	Santa Cruz	Felton	7460		Redwood Springs	147-D	36/10S/1W (SLP)		Middle Miocene	Kraetsch		
8533	Santa Cruz	Felton	7482		NW corner of quad	147-D	5/10S/2W (SLP)	sa slide #7469	Middle Miocene	Kraetsch		
8534	Santa Cruz	Felton	7483		S of Boulder Creek	147-D	31/9S/2W		Relizian	Kraetsch		
8535	Santa Cruz	Felton	8803		Zayante area	147-D	2/10S/2W (SLP)	rubber casts	Saucesian/Relizian	Kraetsch		
8536	Santa Cruz	Felton	8807		not on map	147-D	36/9S/2W (SLP)	rubber casts	Middle Miocene	Kraetsch		
8537	Santa Cruz	Felton	8848		Loch Lomond	147-E	34/9S/2W (SLP)		Relizian	Kraetsch		
8538	Santa Cruz?	Felton?	4586		not found	123-E	Santa Cruz area	planktics only	not diagnostic			
8539	Santa Cruz	Felton?	24083	A	not found	99-F			Middle Miocene			
8540	Santa Cruz	Felton?	24083	B	not found	99-F			Relizian			
8541	Humboldt	Ferndale	446	7	Wildcat Grade	7-M	Wildcat Grade.		not diagnostic			
8542	Humboldt	Ferndale	448	8	Wildcat Grade	7-M	Probably Ferndale		not diagnostic			
8543	Humboldt	Ferndale	448	11	Wildcat Grade	7-M	15' Quad. Not on		Pliocene			
8544	Humboldt	Ferndale	448	15	Wildcat Grade	7-M	map.		Lower Pliocene			
8545	Humboldt	Ferndale	448	18	Wildcat Grade	7-M			Pliocene?			
8546	Humboldt	Ferndale	448	23	Wildcat Grade	7-M			Pliocene?			
8547	Humboldt	Ferndale	448	26	Wildcat Grade	7-M			not diagnostic			
8548	Humboldt	Ferndale	448	29	Wildcat Grade	7-M			barren			
8549	Humboldt	Ferndale	448	30	Wildcat Grade	7-M			not diagnostic			
8550	Humboldt	Ferndale	448	31	Wildcat Grade	7-M			not diagnostic			
8551	Humboldt	Ferndale	448	36	Wildcat Grade	7-M			not diagnostic			
8552	Humboldt	Ferndale	448	37	Wildcat Grade	7-M			not diagnostic			
8553	Humboldt	Ferndale	448	43	Wildcat Grade	7-M			Pliocene?			
8554	Humboldt	Ferndale	448	44	Wildcat Grade	7-M			not diagnostic			
8555	Humboldt	Ferndale	448	46	Wildcat Grade	7-M			Upper Pliocene			
8556	Humboldt	Ferndale	448	53	Wildcat Grade	7-M			Upper Pliocene			
8557	Humboldt	Ferndale	448	54	Wildcat Grade	7-M			not diagnostic			
8558	Humboldt	Ferndale	448	55	Wildcat Grade	7-M			not diagnostic			
8559	Humboldt	Ferndale	737	4	Wildcat Coast sect	10-I			Pliocene	Classen		
8560	Humboldt	Ferndale	737	5	Wildcat Coast sect	10-I			Pliocene	Classen		
8561	Humboldt	Ferndale	737	6	Wildcat Coast sect	10-I			Pliocene	Classen		
8562	Humboldt	Ferndale	737	7	Wildcat Coast sect	10-I			Pliocene	Classen		
8563	Humboldt	Ferndale	737	8	Wildcat Coast sect	10-I			Pliocene	Classen		
8564	Humboldt	Ferndale	737	9	Wildcat Coast sect	10-I			Pliocene	Classen		
8565	Humboldt	Ferndale	737	10	Wildcat Coast sect	10-I			Pliocene	Classen		
8566	Humboldt	Ferndale	737	11	Wildcat Coast sect	10-I			Pliocene	Classen		
8567	Humboldt	Ferndale	737	12	Wildcat Coast sect	10-I			Pliocene	Classen		
8568	Humboldt	Ferndale	737	13	Wildcat Coast sect	10-I			Pliocene	Classen		
8569	Humboldt	Ferndale	737	14	Wildcat Coast sect	10-I			Pliocene	Classen		
8570	Humboldt	Ferndale	737	15	Wildcat Coast sect	10-I			Pliocene	Classen		
8571	Humboldt	Ferndale	737	16	Wildcat Coast sect	10-I			Pliocene	Classen		
8572	Humboldt	Ferndale	737	17	Wildcat Coast sect	10-I			Pliocene	Classen		
8573	Humboldt	Ferndale	737	18	Wildcat Coast sect	10-I			Pliocene	Classen		
8574	Humboldt	Ferndale	737	19	Wildcat Coast sect	10-I			Pliocene	Classen		
8575	Humboldt	Ferndale	737	20	Wildcat Coast sect	10-I			Pliocene	Classen		
8576	Humboldt	Ferndale	737	21	Wildcat Coast sect	10-I			Pliocene	Classen		
8577	Humboldt	Ferndale	737	22	Wildcat Coast sect	10-I			Pliocene	Classen		
8578	Humboldt	Ferndale	737	23	Wildcat Coast sect	10-I			Pliocene	Classen		
8579	Humboldt	Ferndale	737	24	Wildcat Coast sect	10-I			Pliocene	Classen		
8580	Humboldt	Ferndale	737	25	Wildcat Coast sect	10-I			Pliocene	Classen		
8581	Humboldt	Ferndale	737	26	Wildcat Coast sect	10-I			Pliocene	Classen		
8582	Humboldt	Ferndale	737	27	Wildcat Coast sect	10-I			Pliocene	Classen		
8583	Humboldt	Ferndale	737	28	Wildcat Coast sect	10-I			Pliocene	Classen		
8584	Humboldt	Ferndale	737	28	Wildcat Coast sect	10-I			Pliocene	Classen		
8585	Humboldt	Ferndale	737	30	Wildcat Coast sect	10-I			Pliocene	Classen		
8586	Humboldt	Ferndale	737	31	Wildcat Coast sect	10-I			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	ZONE/SERIES/AG	COLLECTORS		
8672	Humboldt	Ferndale	737	117	Wildcat Coast sect	10-K			Pliocene	Classen		
8673	Humboldt	Ferndale	737	118	Wildcat Coast sect	10-K			Pliocene	Classen		
8674	Humboldt	Ferndale	737	119	Wildcat Coast sect	10-K			Pliocene	Classen		
8675	Humboldt	Ferndale	737	120	Wildcat Coast sect	10-K			Pliocene	Classen		
8676	Humboldt	Ferndale	737	121	Wildcat Coast sect	10-K			Pliocene	Classen		
8677	Humboldt	Ferndale	737	122	Wildcat Coast sect	10-K			Pliocene	Classen		
8678	Humboldt	Ferndale	737	123	Wildcat Coast sect	10-K			Pliocene	Classen		
8679	Humboldt	Ferndale	737	124	Wildcat Coast sect	10-K			Pliocene	Classen		
8680	Humboldt	Ferndale	737	125	Wildcat Coast sect	10-K			Pliocene	Classen		
8681	Humboldt	Ferndale	737	126	Wildcat Coast sect	10-K			Pliocene	Classen		
8682	Humboldt	Ferndale	737	127	Wildcat Coast sect	10-K			Pliocene	Classen		
8683	Humboldt	Ferndale	737	128	Wildcat Coast sect	10-K			Pliocene	Classen		
8684	Humboldt	Ferndale	737	129	Wildcat Coast sect	10-K			Pliocene	Classen		
8685	Humboldt	Ferndale	737	130	Wildcat Coast sect	10-K			Pliocene	Classen		
8686	Humboldt	Ferndale	737	131	Wildcat Coast sect	10-K			Pliocene	Classen		
8687	Humboldt	Ferndale	737	132	Wildcat Coast sect	10-K			Pliocene	Classen		
8688	Humboldt	Ferndale	737	133	Wildcat Coast sect	10-K			Pliocene	Classen		
8689	Humboldt	Ferndale	737	134	Wildcat Coast sect	10-K			Pliocene	Classen		
8690	Humboldt	Ferndale	737	135	Wildcat Coast sect	10-K			Pliocene	Classen		
8691	Humboldt	Ferndale	737	136	Wildcat Coast sect	10-K			Pliocene	Classen		
8692	Humboldt	Ferndale	737	137	Wildcat Coast sect	10-K			Pliocene	Classen		
8693	Humboldt	Ferndale	737	138	Wildcat Coast sect	10-K			Pliocene	Classen		
8694	Humboldt	Ferndale	737	139	Wildcat Coast sect	10-K			Pliocene	Classen		
8695	Humboldt	Ferndale	737	140	Wildcat Coast sect	10-K			Pliocene	Classen		
8696	Humboldt	Ferndale	737	141	Wildcat Coast sect	10-K			Pliocene	Classen		
8697	Humboldt	Ferndale	737	142	Wildcat Coast sect	10-K			Pliocene	Classen		
8698	Humboldt	Ferndale	737	143	Wildcat Coast sect	10-K			Pliocene	Classen		
8699	Humboldt	Ferndale	737	144	Wildcat Coast sect	10-K			Pliocene	Classen		
8700	Humboldt	Ferndale	22373	1	SE corner of quad	239-M	Ferndale 15'			not diagnostic		
8701	Humboldt	Ferndale	22373	2	SE corner of quad	239-M	Ferndale 15'			not diagnostic		
8702	Humboldt	Ferndale	22373	3	SE corner of quad	239-M	Ferndale 15'			not diagnostic		
8703	Humboldt	Ferndale	22373	4	SE corner of quad	239-M	Ferndale 15'			Miocene/Pliocene		
8704	Humboldt	Ferndale	22373	5	SE corner of quad	239-M	Ferndale 15'			not diagnostic		
8705	Humboldt	Ferndale	22373	7	SE corner of quad	239-M	Ferndale 15'			not diagnostic		
8706	Humboldt	Ferndale	22373	8	SE corner of quad	239-M	Ferndale 15'			not diagnostic		
8707	Humboldt	Ferndale	22373	9	SE corner of quad	239-M	Ferndale 15'	good fauna		Lower Pliocene		
8708	Humboldt	Ferndale	22373	10	SE corner of quad	239-M	Ferndale 15'			Lower Pliocene		
8709	Humboldt	Ferndale	22373	11	SE corner of quad	239-M	Ferndale 15'			Lower Pliocene		
8710	Humboldt	Ferndale	22373	12	SE corner of quad	239-M	Ferndale 15'	Mio/Pliocene		Lower Pliocene		
8711	Humboldt	Ferndale	22373	13	SE corner of quad	239-M	Ferndale 15'	means Lower		not diagnostic		
8712	Humboldt	Ferndale	22373	14	SE corner of quad	239-M	Ferndale 15'	Repetto in Los		Miocene/Pliocene		
8713	Humboldt	Ferndale	22373	15	SE corner of quad	239-M	Ferndale 15'	Angeles terms		Miocene/Pliocene		
8714	Humboldt	Ferndale	22373	16	SE corner of quad	239-M	Ferndale 15'			not diagnostic		
8715	Humboldt	Ferndale	22373	17	SE corner of quad	239-M	Ferndale 15'			not diagnostic		
8716	Humboldt	Ferndale	22373	18	SE corner of quad	239-M	Ferndale 15'			not diagnostic		
8717	Humboldt	Ferndale	22373	19	SE corner of quad	239-M	Ferndale 15'			Miocene/Pliocene		
8718	Humboldt	Ferndale	22373	20	SE corner of quad	239-N	Ferndale 15'			Miocene/Pliocene		
8719	Humboldt	Ferndale	22373	21	SE corner of quad	239-N	Ferndale 15'			Miocene/Pliocene		
8720	Humboldt	Ferndale	22373	22	SE corner of quad	239-N	Ferndale 15'			Miocene/Pliocene		
8721	Humboldt	Ferndale	22373	24	SE corner of quad	239-N	Ferndale 15'			Miocene/Pliocene		
8722	Humboldt	Ferndale	22373	25	SE corner of quad	239-N	Ferndale 15'			Miocene/Pliocene		
8723	Humboldt	Ferndale	22373	26	SE corner of quad	239-N	Ferndale 15'			not diagnostic		
8724	Humboldt	Ferndale	22373	28	SE corner of quad	239-N	Ferndale 15'			not diagnostic		
8725	Humboldt	Ferndale	22373	29	SE corner of quad	239-N	Ferndale 15'			not diagnostic		
8726	Humboldt	Ferndale	22373	30	SE corner of quad	239-N	Ferndale 15'			not diagnostic		
8727	Humboldt	Ferndale	22373	31	SE corner of quad	239-N	Ferndale 15'			not diagnostic		
8728	Humboldt	Ferndale	22373	32	SE corner of quad	239-N	Ferndale 15'			not diagnostic		
8729	Humboldt	Ferndale	22373	33	SE corner of quad	239-N	Ferndale 15'			not diagnostic		
8730	Humboldt	Ferndale	22373	34	SE corner of quad	239-N	Ferndale 15'			not diagnostic		
8731	Humboldt	Ferndale	22373	35	SE corner of quad	239-N	Ferndale 15'			not diagnostic		
8732	Humboldt	Ferndale	22373	36	SE corner of quad	239-N	Ferndale 15'			not diagnostic		
8733	Humboldt	Ferndale	22373	37	SE corner of quad	239-N	Ferndale 15'			not diagnostic		
8734	Humboldt	Ferndale	22373	38	SE corner of quad	239-N	Ferndale 15'			not diagnostic		
8735	Humboldt	Ferndale	22373	40	SE corner of quad	239-N	Ferndale 15'			not diagnostic		
8736	Humboldt	Ferndale	22373	41	SE corner of quad	239-N	Ferndale 15'			not diagnostic		
8737	Humboldt	Ferndale	22373	42	SE corner of quad	239-N	Ferndale 15'			Miocene/Pliocene		
8738	Humboldt	Ferndale	22374	7	Price Creek	240-A	Ferndale 15'	planktics abund		Mohanian		
8739	Humboldt	Ferndale	22374	9	Price Creek	240-A	Ferndale 15'			Delmontian		
8740	Humboldt	Ferndale	22374	10	Price Creek	240-A	Ferndale 15'			Delmontian		
8741	Humboldt	Ferndale	22374	11	Price Creek	240-A	Ferndale 15'			Delmontian		
8742	Humboldt	Ferndale	22374	12	Price Creek	240-A	Ferndale 15'			Delmontian		
8743	Humboldt	Ferndale	22374	13	Price Creek	240-A	Ferndale 15'			Delmontian		
8744	Humboldt	Ferndale	22374	14	Price Creek	240-A	Ferndale 15'			Delmontian		
8745	Humboldt	Ferndale	22374	15	Price Creek	240-A	Ferndale 15'			Delmontian		
8746	Humboldt	Ferndale	22374	16	Price Creek	240-A	Ferndale 15'			Delmontian		
8747	Humboldt	Ferndale	22374	17	Price Creek	240-A	Ferndale 15'			Delmontian		
8748	Humboldt	Ferndale	22374	18	Price Creek	240-A	Ferndale 15'			Miocene/Pliocene		
8749	Humboldt	Ferndale	22374	19	Price Creek	240-A	Ferndale 15'			Miocene/Pliocene		
8750	Humboldt	Ferndale	22374	20	Price Creek	240-A	Ferndale 15'			Miocene/Pliocene		
8751	Humboldt	Ferndale	22374	22	Price Creek	240-A	Ferndale 15'			Miocene/Pliocene		
8752	Humboldt	Ferndale	22374	23	Price Creek	240-A	Ferndale 15'			Lower Pliocene		
8753	Humboldt	Ferndale	22374	24	Price Creek	240-A	Ferndale 15'			Lower Pliocene		
8754	Humboldt	Ferndale	22600	1	Wildcat Canyon	240-D	Ferndale 15'			not diagnostic		
8755	Humboldt	Ferndale	22600	2	Wildcat Canyon	240-D	Ferndale 15'			Plio/Pleistocene		
8756	Humboldt	Ferndale	22600	2A	Wildcat Canyon	240-D	Ferndale 15'			Plio/Pleistocene		

	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		
8757	Humboldt	Ferndale	22600	3	Wildcat Canyon	240-D	Ferndale 15'		not diagnostic			
8758	Humboldt	Ferndale	22600	4	Wildcat Canyon	240-D	Ferndale 15'		Plio/Pleistocene			
8759	Humboldt	Ferndale	22600	5	Wildcat Canyon	240-D	Ferndale 15'		Upper Pliocene			
8760	Humboldt	Ferndale	22600	7	Wildcat Canyon	240-D	Ferndale 15'		not diagnostic			
8761	Humboldt	Ferndale	22600	8	Wildcat Canyon	240-D	Ferndale 15'		Lower Pliocene			
8762	Humboldt	Ferndale	22600	8A	Wildcat Canyon	240-D	Ferndale 15'		Lower Pliocene			
8763	Humboldt	Ferndale	22600	8B	Wildcat Canyon	240-D	Ferndale 15'		Lower Pliocene			
8764	Humboldt	Ferndale	22600	9	Wildcat Canyon	240-D	Ferndale 15'		not diagnostic			
8765	Humboldt	Ferndale	22600	10	Wildcat Canyon	240-D	Ferndale 15'		not diagnostic			
8766	Humboldt	Ferndale	22600	11	Wildcat Canyon	240-D	Ferndale 15'		not diagnostic			
8767	Humboldt	Ferndale	22600	12A	Wildcat Canyon	240-D	Ferndale 15'		not diagnostic			
8768	Humboldt	Ferndale	22600	X	Wildcat Canyon	240-D	Ferndale 15'		not diagnostic			
8769	Humboldt	Ferndale	22687	1	SE corner quad	242-H	Ferndale 15'	planktics com	Lower Pliocene			
8770	Humboldt	Ferndale	22687	2	SE corner quad	242-H	Ferndale 15'		Lower Pliocene			
8771	Humboldt	Ferndale	22802	1	Centerville Beach	242-H	Ferndale 15'		not diagnostic			
8772	Humboldt	Ferndale	22802	2	Centerville Beach	242-H	Ferndale 15'	abun planktics	Delmontian			
8773	Humboldt	Ferndale	22802	4	Centerville Beach	242-H	Ferndale 15'		barren			
8774	Humboldt	Ferndale	22802	8	Centerville Beach	242-H	Ferndale 15'		Delmontian			
8775	Humboldt	Ferndale	22802	9	Centerville Beach	242-H	Ferndale 15'		Lower Pliocene			
8776	Humboldt	Ferndale	22802	10	Centerville Beach	242-H	Ferndale 15'		Lower Pliocene			
8777	Humboldt	Ferndale	22802	11	Centerville Beach	242-H	Ferndale 15'		Upper Pliocene			
8778	Humboldt	Ferndale	22836	1A	Eel River auger	244-E	Ferndale 15'	good faunas	Miocene/Pliocene			
8779	Humboldt	Ferndale	22836	1B	NW of Bunker Hill	244-E	Ferndale 15'		Miocene/Pliocene			
8780	Humboldt	Ferndale	22836	1C	Eel River auger	244-E	Ferndale 15'		Miocene/Pliocene			
8781	Humboldt	Ferndale	22836	1D	Eel River auger	244-E	Ferndale 15'		Miocene/Pliocene			
8782	Humboldt	Ferndale	22836	1E	Eel River auger	244-E	Ferndale 15'		Miocene/Pliocene			
8783	Humboldt	Ferndale	22836	1F	Eel River auger	244-E	Ferndale 15'		Miocene/Pliocene			
8784	Humboldt	Ferndale	22836	1G	Eel River auger	244-E	Ferndale 15'		Miocene/Pliocene			
8785	Humboldt	Ferndale	22836	1H	Eel River auger	244-E	Ferndale 15'		Miocene/Pliocene			
8786	Humboldt	Ferndale	22836	2	Eel River auger	244-E	Ferndale 15'	planktics com	Miocene/Pliocene	hole 2		
8787	Humboldt	Ferndale	22836	3	Eel River auger	244-E	Ferndale 15'	planktics com	Lower Pliocene	hole 3		
8788	Humboldt	Ferndale	22836	4	Eel River auger	244-E	Ferndale 15'	planktics com	Lower Pliocene	hole 4		
8789	Humboldt	Ferndale	22836	5A	Eel River auger	244-E	Ferndale 15'		poss Mio/Pliocene	hole 5		
8790	Humboldt	Ferndale	22836	5B	Eel River auger	244-E	Ferndale 15'		poss Mio/Pliocene			
8791	Humboldt	Ferndale	22836	5C	Eel River auger	244-E	Ferndale 15'		poss Mio/Pliocene			
8792	Humboldt	Ferndale	22836	6B	Eel River auger	244-E	Ferndale 15'		not diagnostic	hole 6		
8793	Humboldt	Ferndale	22836	7	Eel River auger	244-E	Ferndale 15'		poss Cretaceous	hole 7		
8794	Humboldt	Ferndale	22836	8A	Eel River auger	244-E	Ferndale 15'		not diagnostic	hole 8		
8795	Humboldt	Ferndale	22836	9	Eel River auger	244-E	Ferndale 15'		not diagnostic	hole 9		
8796	Humboldt	Ferndale	22837	1	N of Bunker Hill	244-E	Ferndale 15'		Pliocene			
8797	Humboldt	Ferndale	22838	1A	S of Ferndale	244-E	Ferndale 15'	good fauna	Saucesian/Pseudo?			
8798	Humboldt	Ferndale	22838	1B	Eel River auger	244-E	Ferndale 15'	good fauna	Saucesian/Pseudo?			
8799	Humboldt	Ferndale	22839	1A	McNutt Gulch	244-E	Ferndale 15'		Miocene/Pliocene			
8800	Humboldt	Ferndale	22873	1	NW of Bunker Hill	162-B	Ferndale 15'	slide says	Upper Pliocene			
8801	Trinity	Ferndale	22873	2	NW of Bunker Hill	162-B	Ferndale 15'		Guthrie Creek			
8802	Trinity	Ferndale	22873	3	NW of Bunker Hill	162-B	Ferndale 15'	but wrong	Upper Pliocene			
8803	Humboldt	Ferndale	24039		SE corner of quad	33-E	Ferndale 15'		no paleo info			
8804	Humboldt	Fields Landing	4996		Buhne Point	10-L	Fortuna 15'		not diagnostic	Wright		
8805	Humboldt	Fields Landing	4997		SE part of quad	10-L			Upper Pliocene	Wright		
8806	Humboldt	Fields Landing	4999		Salmon Ck mouth	10-L	Fortuna 15'	not on map	Lower Pliocene	Wright		
8807	Humboldt	Fields Landing	20406	3	NE corner of quad	260-A	Fortuna 15'		Lower Pliocene			
8808	Humboldt	Fields Landing	21302	3	Henderson Gulch	260-A	Fortuna 15'		not diagnostic			
8809	Humboldt	Fields Landing	21302	4	Henderson Gulch	260-A	Eureka 15'		not diagnostic			
8810	Humboldt	Fields Landing	21320	3	N Fork Elk River	260-B	Fortuna 15'	reworked?	not diagnostic	Read		
8811	Humboldt	Fields Landing	21320	4	N Fork Elk River	260-B	Fortuna 15'		Cret/Paleocene	Read		
8812	Humboldt	Fields Landing	21320	6	N Fork Elk River	260-B	Fortuna 15'		not diagnostic	Read		
8813	Humboldt	Fields Landing	21320	7	N Fork Elk River	260-B	Fortuna 15'		not diagnostic	Read		
8814	Humboldt	Fields Landing	21320	10	N Fork Elk River	260-B	Fortuna 15'		Upper Pliocene	Read		
8815	Humboldt	Fields Landing	21337	9	S Fork Elk River	260-C	Fortuna 15'		not diagnostic	Read		
8816	Humboldt	Fields Landing	21341	1	Salmon Creek	260-C	Fortuna 15'		Lower Pliocene	Read		
8817	Humboldt	Fields Landing	21341	2	Salmon Creek	260-C	Fortuna 15'		Lower Pliocene	Read		
8818	Humboldt	Fields Landing	21341	4	Salmon Creek	260-C	Fortuna 15'		not diagnostic	Read		
8819	Humboldt	Fields Landing	21341	5	Salmon Creek	260-C	Fortuna 15'		Pliocene	Read		
8820	Humboldt	Fields Landing	21341	6	Salmon Creek	260-C	Fortuna 15'		not diagnostic	Read		
8821	Humboldt	Fields Landing	21341	7	Salmon Creek	260-C	Fortuna 15'		Upper Pliocene	Read		
8822	Humboldt	Fields Landing	21341	8	Salmon Creek	260-C	Fortuna 15'		not diagnostic	Read		
8823	Humboldt	Fields Landing	21341	9	Salmon Creek	260-C	Fortuna 15'		Pliocene	Read		
8824	Humboldt	Fields Landing	21341	11	Salmon Creek	260-C	Fortuna 15'		Upper Pliocene	Read		
8825	Humboldt	Fields Landing	21342	8	Blanton Prairie	260-C	Fortuna 15'		barren	Read		
8826	Humboldt	Fields Landing	22140		S of Fields Landing	114-B	Fortuna 15'	age from map	Pliocene	Silcox		
8827	Humboldt	Fields Landing	22378	1	Thompkins Hill	240-B	Fortuna 15'	not on map	not diagnostic			
8828	Humboldt	Fields Landing	22378	2	Thompkins Hill	240-B	Fortuna 15'		not diagnostic			
8829	Humboldt	Fields Landing	22378	3	Thompkins Hill	240-B	Fortuna 15'	rads abun	not diagnostic			
8830	Humboldt	Fields Landing	22378	4	Thompkins Hill	240-B	Fortuna 15'		not diagnostic			
8831	Humboldt	Fields Landing	22378	5	Thompkins Hill	240-B	Fortuna 15'	abun planktics	Delmontian			
8832	Humboldt	Fields Landing	22378	7	Thompkins Hill	240-B	Fortuna 15'		not diagnostic			
8833	Humboldt	Fields Landing	22378	8	Thompkins Hill	240-B	Fortuna 15'		Pliocene			
8834	Humboldt	Fields Landing	22378	9	Thompkins Hill	240-B	Fortuna 15'		Pliocene			
8835	Humboldt	Fields Landing	22378	10	Thompkins Hill	240-B	Fortuna 15'		Pliocene			
8836	Humboldt	Fields Landing	22378	13	Thompkins Hill	240-B	Fortuna 15'		Pliocene			
8837	Humboldt	Fields Landing	22378	14	Thompkins Hill	240-B	Fortuna 15'		not diagnostic			
8838	Humboldt	Fields Landing	22378	15	Thompkins Hill	240-B	Fortuna 15'		Pliocene			
8839	Humboldt	Fields Landing	22378	19	Thompkins Hill	240-B	Fortuna 15'		Miocene/Pliocene			
8840	Humboldt	Fields Landing	22378	20	Thompkins Hill	240-B	Fortuna 15'		Miocene/Pliocene			
8841	Humboldt	Fields Landing	22378	21	Thompkins Hill	240-B	Fortuna 15'		Miocene/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	ONE/SERIES/AG	COLLECTORS		
8842	Humboldt	Fields Landing	22378	22	Thompkins Hill	240-B	Fortuna 15'		Miocene/Pliocene			
8843	Humboldt	Fields Landing	22378	23	Thompkins Hill	240-B	Fortuna 15'		not diagnostic			
8844	Humboldt	Fields Landing	22378	24	Thompkins Hill	240-B	Fortuna 15'		Miocene/Pliocene			
8845	Humboldt	Fields Landing	22378	28	Thompkins Hill	240-B	Fortuna 15'		Cret/Paleocene			
8846	Humboldt	Fields Landing	22378	29	Thompkins Hill	240-B	Fortuna 15'		Cret/Paleocene			
8847	Humboldt	Fields Landing	22378	30	Thompkins Hill	240-B	Fortuna 15'		not diagnostic			
8848	Humboldt	Fields Landing	22383	1	N Fork Elk River	240-C	Fortuna 15'		barren			
8849	Humboldt	Fields Landing	22383	2	N Fork Elk River	240-C	Fortuna 15'		Miocene/Pliocene			
8850	Humboldt	Fields Landing	22383	4	N Fork Elk River	240-C	Fortuna 15'		Miocene/Pliocene			
8851	Humboldt	Fields Landing	22596	1A	E of Tompkins Hill	240-C	Fortuna 15'	good fauna	Upper Miocene			
8852	Humboldt	Fields Landing	22596	5	E of Tompkins Hill	240-C	Fortuna 15'		Upper Miocene			
8853	Humboldt	Fields Landing	22596	6	E of Tompkins Hill	240-C	Fortuna 15'		not diagnostic			
8854	Humboldt	Fields Landing	22596	7	E of Tompkins Hill	240-C	Fortuna 15'	reworked Mio	Pliocene			
8855	Humboldt	Fields Landing	22596	7RW	E of Tompkins Hill	240-C	Fortuna 15'		Pliocene			
8856	Santa Barbara	Figueroa Mountain	8176		Hells Half Acre	68-J			no paleo info			
8857	Santa Barbara	Figueroa Mountain	11042		Redrock Mine	79-H			Relizian	Kraetsch		
8858	Santa Barbara	Figueroa Mountain	11043		Redrock Mine	79-H			not diagnostic	Kraetsch		
8859	Santa Barbara	Figueroa Mountain	11044		Ranger Peak	79-H			prob Luisian	Kraetsch		
8860	Ventura	Fillmore	112	1	Boulder Ck Sespe	14-N			Pliocene			
8861	Ventura	Fillmore	112	2	Boulder Ck Sespe	14-N			Pliocene			
8862	Ventura	Fillmore	112	3	Boulder Ck Sespe	14-N			Pliocene			
8863	Ventura	Fillmore	112	4	Boulder Ck Sespe	14-N			Pliocene			
8864	Ventura	Fillmore	112	5	Boulder Ck Sespe	14-N			Pliocene			
8865	Ventura	Fillmore	112	6	Boulder Ck Sespe	14-N			Pliocene			
8866	Ventura	Fillmore	112	7	Boulder Ck Sespe	14-N			Pliocene			
8867	Ventura	Fillmore	112	8	Boulder Ck Sespe	14-N			Pliocene			
8868	Ventura	Fillmore	112	9	Boulder Ck Sespe	14-N			Pliocene			
8869	Ventura	Fillmore	112	10	Boulder Ck Sespe	14-N			Pliocene			
8870	Ventura	Fillmore	112	11	Boulder Ck Sespe	14-N			Pliocene			
8871	Ventura	Fillmore	112	12	Boulder Ck Sespe	14-N			Pliocene			
8872	Ventura	Fillmore	112	14	Boulder Ck Sespe	14-N			Pliocene			
8873	Ventura	Fillmore	112	15	Boulder Ck Sespe	14-N			Pliocene			
8874	Ventura	Fillmore	112	16	Boulder Ck Sespe	14-N			Pliocene			
8875	Ventura	Fillmore	112	17	Boulder Ck Sespe	14-N			Pliocene			
8876	Ventura	Fillmore	112	18	Boulder Ck Sespe	14-N			Delmontian			
8877	Ventura	Fillmore	112	19	Boulder Ck Sespe	D-6			no age provided			
8878	Ventura	Fillmore	5337		Snow Canyon	6-E			Pliocene			
8879	Ventura	Fillmore	5338		Snow Canyon	6-E			Pliocene			
8880	Ventura	Fillmore	5339		Snow Canyon	6-E			Pliocene			
8881	Ventura	Fillmore	5340		Snow Canyon	6-E			Pliocene			
8882	Ventura	Fillmore	5341		Snow Canyon	6-E			Pliocene			
8883	Ventura	Fillmore	5342		Snow Canyon	6-E			Pliocene			
8884	Ventura	Fillmore	5343		Snow Canyon	6-E			Pliocene			
8885	Ventura	Fillmore	5344		Snow Canyon	6-E			Pliocene			
8886	Ventura	Fillmore	5352		NE of Snow Cyn	6-E			Pliocene			
8887	Ventura	Fillmore	5353		NE of Snow Cyn	6-E			Pliocene			
8888	Ventura	Fillmore	5354		NE of Snow Cyn	6-E			Pliocene			
8889	Ventura	Fillmore	5355		SW of Snow Cyn	6-E			Pliocene			
8890	Ventura	Fillmore	5356		SW of Snow Cyn	6-E			not diagnostic			
8891	Ventura	Fillmore	5357		SW of Snow Cyn	6-E			not diagnostic			
8892	Ventura	Fillmore	9071		Maple Creek	80-A			Saucesian			
8893	Riverside	Fonts Point	10125	1	NE corner of quad	87-A	Rabbit Peak 15'	prob Imperial	Miocene			
8894	Riverside	Fonts Point	10125	2	NE corner of quad	87-A	Rabbit Peak 15'	prob Imperial	Miocene			
8895	Riverside	Fonts Point	10125	4	NE corner of quad	87-A	Rabbit Peak 15'	prob Imperial	Miocene			
8896	Riverside	Fonts Point	10125	5	NE corner of quad	87-A	Rabbit Peak 15'	prob Imperial	Miocene			
8897	Riverside	Fonts Point	10126		NE corner of quad	87-A	Rabbit Peak 15'		no paleo info			
8898	Sonoma	Fort Ross	24095	1	At Fort Ross	99-G			not diagnostic			
8899	Sonoma	Fort Ross	24095	3	At Fort Ross	99-G			Cret/Paleocene			
8900	Sonoma	Fort Ross	24095	4	At Fort Ross	99-G			Eocene			
8901	Sonoma	Fort Ross	24095	5	At Fort Ross	99-G			not diagnostic			
8902	Sonoma	Fort Ross	24095	6	At Fort Ross	99-G			Eocene			
8903	Sonoma	Fort Ross	24095	7	At Fort Ross	99-G			barren			
8904	Sonoma	Fort Ross	30968		At Fort Ross	99-H			Middle Miocene			
8905	Sonoma	Fort Ross	30968	RW	At Fort Ross	99-H			no paleo info			
8906	Humboldt	Fortuna	18990	1A	SW of Price Ck Sc	244-B	Fortuna 15'		Pliocene			
8907	Humboldt	Fortuna	18990	1B	SW of Price Ck Sc	244-B	Fortuna 15'		Pliocene			
8908	Humboldt	Fortuna	18991		Price Creek	244-B	Fortuna 15'		reworked K and M			
8909	Humboldt	Fortuna	18993	1A	S of Price Ck Sch	244-B	Fortuna 15'		Pliocene			
8910	Humboldt	Fortuna	18993	1B	S of Price Ck Sch	244-B	Fortuna 15'		Pliocene			
8911	Humboldt	Fortuna	18993	1C	S of Price Ck Sch	244-C	Fortuna 15'		Pliocene			
8912	Humboldt	Fortuna	18996	1A	W of Rio Dell	244-C	Fortuna 15'		Pliocene			
8913	Humboldt	Fortuna	18996	1B	W of Rio Dell	244-C	Fortuna 15'		Pliocene			
8914	Humboldt	Fortuna	18996	2	W of Rio Dell	244-C	Fortuna 15'		Pliocene			
8915	Humboldt	Fortuna	22374	2	Price Creek	240-A	Ferndale 15'		Miocene/Pliocene			
8916	Humboldt	Fortuna	22374	3	Price Creek	240-A	Ferndale 15'		not diagnostic			
8917	Humboldt	Fortuna	22374	4	Price Creek	240-A	Ferndale 15'		Miocene/Pliocene			
8918	Humboldt	Fortuna	22374	5	Price Creek	240-A	Ferndale 15'		Delmontian			
8919	Humboldt	Fortuna	22374	6	Price Creek	240-A	Ferndale 15'		Delmontian			
8920	Humboldt	Fortuna	22378	6	NE corner of quad	240-B	Fortuna 15'		not diagnostic			
8921	Humboldt	Fortuna	22378	11	NE corner of quad	240-B	Fortuna 15'		Pliocene			
8922	Humboldt	Fortuna	22378	12	NE corner of quad	240-B	Fortuna 15'		Pliocene			
8923	Humboldt	Fortuna	22656	3	Howe Creek	242-F	Fortuna 15'		Lower Pliocene			
8924	Humboldt	Fortuna	22656	4	Howe Creek	242-F	Fortuna 15'		Lower Pliocene			
8925	Humboldt	Fortuna	22656	5	Howe Creek	242-F	Fortuna 15'	planktics com	Lower Pliocene			
8926	Humboldt	Fortuna	22685	1	Blue Road	242-H	Fortuna 15'	planktics com	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	ONE/SERIES/AGI	COLLECTORS		
8927	Humboldt	Fortuna	22685	2	Blue Road	242-H	Fortuna 15'		Pliocene			
8928	Humboldt	Fortuna	22685	4	Blue Road	242-H	Fortuna 15'		Pliocene			
8929	Humboldt	Fortuna	22685	5	Blue Road	242-H	Fortuna 15'		Pliocene			
8930	Humboldt	Fortuna	22685	6	Blue Road	242-H	Fortuna 15'	planktics com	Pliocene			
8931	Humboldt	Fortuna	22685	7	Blue Road	242-H	Fortuna 15'		Pliocene			
8932	Humboldt	Fortuna	22686	1	Price Creek	242-H	Fortuna 15'		Pliocene			
8933	Humboldt	Fortuna	22686	2	Price Creek	242-H	Fortuna 15'		Pliocene			
8934	Humboldt	Fortuna	22686	3	Price Creek	242-H	Fortuna 15'		Pliocene			
8935	Humboldt	Fortuna	22803	1	Price Creek	242-H	Fortuna 15'	planktics com	Upper Pliocene			
8936	Humboldt	Fortuna	22803	2	Price Creek	242-H	Fortuna 15'		Upper Pliocene			
8937	Humboldt	Fortuna	22803	3	Price Creek	242-H	Fortuna 15'		Upper Pliocene			
8938	Humboldt	Fortuna	22803	4	Price Creek	242-H	Fortuna 15'	planktics com	Lower Pliocene			
8939	Humboldt	Fortuna	22803	5A	Price Creek	242-H	Fortuna 15'		Lower Pliocene			
8940	Humboldt	Fortuna	22803	5B	Price Creek	242-H	Fortuna 15'	planktics com	Lower Pliocene			
8941	Humboldt	Fortuna	22803	6	Price Creek	242-H	Fortuna 15'		Delmontian			
8942	Humboldt	Fortuna	22803	7A	Price Creek	242-H	Fortuna 15'		not diagnostic			
8943	Humboldt	Fortuna	22803	7B	Price Creek	242-H	Fortuna 15'	planktics com	Delmontian			
8944	Humboldt	Fortuna	22803	8	Price Creek	242-H	Fortuna 15'		not diagnostic			
8945	Humboldt	Fortuna	24038	1	SW part of quad	33-E	Fortuna 15'		no paleo info			
8946	Humboldt	Fortuna	24038	2	SW part of quad	33-E	Fortuna 15'		no paleo info			
8947	Humboldt	Fortuna	24733	A	Price Creek	100-A	Fortuna 15'	not on map	no paleo info			
8948	Humboldt	Fortuna	24733	B	Price Creek	100-A	Fortuna 15'	not on map	no paleo info			
8949	Santa Barbara	Fox Mountain	346	1	S Barbara Canyon	76-C	Only have paleo		no paleo info	Southw.		
8950	Santa Barbara	Fox Mountain	346	2	S Barbara Canyon	76-C	report for a few		no paleo info	Southw.		
8951	Santa Barbara	Fox Mountain	346	3	S Barbara Canyon	76-C	planktics. Map		no paleo info	Southw.		
8952	Santa Barbara	Fox Mountain	346	4	S Barbara Canyon	76-C	indicates only 22		no paleo info	Southw.		
8953	Santa Barbara	Fox Mountain	346	5	S Barbara Canyon	76-C	samples.		no paleo info	Southw.		
8954	Santa Barbara	Fox Mountain	346	6	S Barbara Canyon	76-C			no paleo info	Southw.		
8955	Santa Barbara	Fox Mountain	346	7	S Barbara Canyon	76-C			no paleo info	Southw.		
8956	Santa Barbara	Fox Mountain	346	8	S Barbara Canyon	76-C			no paleo info	Southw.		
8957	Santa Barbara	Fox Mountain	346	9	S Barbara Canyon	76-C			no paleo info	Southw.		
8958	Santa Barbara	Fox Mountain	346	10	S Barbara Canyon	76-C			no paleo info	Southw.		
8959	Santa Barbara	Fox Mountain	346	11	S Barbara Canyon	76-C			no paleo info	Southw.		
8960	Santa Barbara	Fox Mountain	346	12	S Barbara Canyon	76-C			no paleo info	Southw.		
8961	Santa Barbara	Fox Mountain	346	14	S Barbara Canyon	76-C			no paleo info	Southw.		
8962	Santa Barbara	Fox Mountain	346	15	S Barbara Canyon	76-C			no paleo info	Southw.		
8963	Santa Barbara	Fox Mountain	346	16	S Barbara Canyon	76-C			Lower Eocene	Southw.		
8964	Santa Barbara	Fox Mountain	346	17	S Barbara Canyon	76-C			no paleo info	Southw.		
8965	Santa Barbara	Fox Mountain	346	18	S Barbara Canyon	76-C			no paleo info	Southw.		
8966	Santa Barbara	Fox Mountain	346	19	S Barbara Canyon	76-C			no paleo info	Southw.		
8967	Santa Barbara	Fox Mountain	346	20	S Barbara Canyon	76-C			Eocene	Southw.		
8968	Santa Barbara	Fox Mountain	346	21	S Barbara Canyon	76-C			no paleo info	Southw.		
8969	Santa Barbara	Fox Mountain	346	22	S Barbara Canyon	76-C			no paleo info	Southw.		
8970	Santa Barbara	Fox Mountain	346	23	S Barbara Canyon	76-C			no paleo info	Southw.		
8971	Santa Barbara	Fox Mountain	346	27	S Barbara Canyon	76-C			no paleo info	Southw.		
8972	Santa Barbara	Fox Mountain	346	28	S Barbara Canyon	76-C			no paleo info	Southw.		
8973	Santa Barbara	Fox Mountain	346	30	S Barbara Canyon	76-C			no paleo info	Southw.		
8974	Santa Barbara	Fox Mountain	346	31	S Barbara Canyon	76-C			no paleo info	Southw.		
8975	Santa Barbara	Fox Mountain	346	32	S Barbara Canyon	76-C			no paleo info	Southw.		
8976	Santa Barbara	Fox Mountain	346	33	S Barbara Canyon	76-C			no paleo info	Southw.		
8977	Santa Barbara	Fox Mountain	346	34	S Barbara Canyon	76-C			no paleo info	Southw.		
8978	Santa Barbara	Fox Mountain	346	35	S Barbara Canyon	76-C			no paleo info	Southw.		
8979	Santa Barbara	Fox Mountain	346	36	S Barbara Canyon	76-C			no paleo info	Southw.		
8980	Santa Barbara	Fox Mountain	346	37	S Barbara Canyon	76-C			no paleo info	Southw.		
8981	Santa Barbara	Fox Mountain	346	38	S Barbara Canyon	76-C			no paleo info	Southw.		
8982	Santa Barbara	Fox Mountain	346	39	S Barbara Canyon	76-C			no paleo info	Southw.		
8983	Santa Barbara	Fox Mountain	346	40	S Barbara Canyon	76-C			no paleo info	Southw.		
8984	Santa Barbara	Fox Mountain	346	41	S Barbara Canyon	76-C			no paleo info	Southw.		
8985	Santa Barbara	Fox Mountain	346	42	S Barbara Canyon	76-C			no paleo info	Southw.		
8986	Santa Barbara	Fox Mountain	346	43	S Barbara Canyon	76-C			no paleo info	Southw.		
8987	Santa Barbara	Fox Mountain	346	44	S Barbara Canyon	76-C			no paleo info	Southw.		
8988	Santa Barbara	Fox Mountain	346	46	S Barbara Canyon	76-C			no paleo info	Southw.		
8989	Santa Barbara	Fox Mountain	346	47	S Barbara Canyon	76-C			no paleo info	Southw.		
8990	Santa Barbara	Fox Mountain	346	48	S Barbara Canyon	76-C			no paleo info	Southw.		
8991	Santa Barbara	Fox Mountain	346	51	S Barbara Canyon	76-C			no paleo info	Southw.		
8992	Santa Barbara	Fox Mountain	346	52	S Barbara Canyon	76-C			no paleo info	Southw.		
8993	Santa Barbara	Fox Mountain	346	53	S Barbara Canyon	76-C			no paleo info	Southw.		
8994	Santa Barbara	Fox Mountain	346	A1	S Barbara Canyon	76-C			no paleo info	Southw.		
8995	Santa Barbara	Fox Mountain	346	A2	S Barbara Canyon	76-C			no paleo info	Southw.		
8996	Santa Barbara	Fox Mountain	346	A3	S Barbara Canyon	76-C			no paleo info	Southw.		
8997	Santa Barbara	Fox Mountain	346	A4	S Barbara Canyon	76-C			no paleo info	Southw.		
8998	Santa Barbara	Fox Mountain	346	A5	S Barbara Canyon	76-C			no paleo info	Southw.		
8999	Santa Barbara	Fox Mountain	346	A8	S Barbara Canyon	76-C			no paleo info	Southw.		
9000	Santa Barbara	Fox Mountain	346	A9	S Barbara Canyon	76-C			no paleo info	Southw.		
9001	Santa Barbara	Fox Mountain	346	A10	S Barbara Canyon	76-C			no paleo info	Southw.		
9002	Santa Barbara	Fox Mountain	349	1	S Barbara Canyon	88-L			no paleo info	Staples		
9003	Santa Barbara	Fox Mountain	349	2C	S Barbara Canyon	88-L			no paleo info	Staples		
9004	Santa Barbara	Fox Mountain	349	2H	S Barbara Canyon	88-L			no paleo info	Staples		
9005	Santa Barbara	Fox Mountain	349	3A	S Barbara Canyon	88-L			no paleo info	Staples		
9006	Santa Barbara	Fox Mountain	349	3C	S Barbara Canyon	88-L			no paleo info	Staples		
9007	Santa Barbara	Fox Mountain	349	3D	S Barbara Canyon	88-L			no paleo info	Staples		
9008	Santa Barbara	Fox Mountain	349	6A	S Barbara Canyon	88-L			no paleo info	Staples		
9009	Santa Barbara	Fox Mountain	349	6B	S Barbara Canyon	88-L			no paleo info	Staples		
9010	Santa Barbara	Fox Mountain	349	7	S Barbara Canyon	88-L			no paleo info	Staples		
9011	Santa Barbara	Fox Mountain	349	11	S Barbara Canyon	88-L			no paleo info	Staples		

	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		
9097	Santa Barbara	Fox Mountain	349	155	S Barbara Canyon	88-M			no paleo info	Staples		
9098	Santa Barbara	Fox Mountain	349	156	S Barbara Canyon	88-M			no paleo info	Staples		
9099	Santa Barbara	Fox Mountain	349	157	S Barbara Canyon	88-M			no paleo info	Staples		
9100	Santa Barbara	Fox Mountain	349	158	S Barbara Canyon	88-M			no paleo info	Staples		
9101	Santa Barbara	Fox Mountain	349	159	S Barbara Canyon	88-M			no paleo info	Staples		
9102	Santa Barbara	Fox Mountain	349	163	S Barbara Canyon	88-M			no paleo info	Staples		
9103	Santa Barbara	Fox Mountain	349	167	S Barbara Canyon	88-M			no paleo info	Staples		
9104	Santa Barbara	Fox Mountain	349	168	S Barbara Canyon	88-M			no paleo info	Staples		
9105	Santa Barbara	Fox Mountain	349	169B	S Barbara Canyon	88-M			no paleo info	Staples		
9106	Santa Barbara	Fox Mountain	349	169C	S Barbara Canyon	88-M			no paleo info	Staples		
9107	Santa Barbara	Fox Mountain	349	169E	S Barbara Canyon	88-M			no paleo info	Staples		
9108	Santa Barbara	Fox Mountain	349	172	S Barbara Canyon	88-M			no paleo info	Staples		
9109	Santa Barbara	Fox Mountain	349	174	S Barbara Canyon	88-M			no paleo info	Staples		
9110	Santa Barbara	Fox Mountain	349	175	S Barbara Canyon	88-M			no paleo info	Staples		
9111	Santa Barbara	Fox Mountain	349	177	S Barbara Canyon	88-M			no paleo info	Staples		
9112	Santa Barbara	Fox Mountain	349	179	S Barbara Canyon	88-M			no paleo info	Staples		
9113	Santa Barbara	Fox Mountain	349	180	S Barbara Canyon	88-M			no paleo info	Staples		
9114	Santa Barbara	Fox Mountain	349	182	S Barbara Canyon	88-M			no paleo info	Staples		
9115	Santa Barbara	Fox Mountain	349	183	S Barbara Canyon	88-M			no paleo info	Staples		
9116	Santa Barbara	Fox Mountain	349	184	S Barbara Canyon	88-M			no paleo info	Staples		
9117	Santa Barbara	Fox Mountain	349	187	S Barbara Canyon	88-M			no paleo info	Staples		
9118	Santa Barbara	Fox Mountain	349	189	S Barbara Canyon	88-M			no paleo info	Staples		
9119	Santa Barbara	Fox Mountain	349	190	S Barbara Canyon	88-M			no paleo info	Staples		
9120	Santa Barbara	Fox Mountain	349	192	S Barbara Canyon	88-M			no paleo info	Staples		
9121	Santa Barbara	Fox Mountain	349	195	S Barbara Canyon	88-M			no paleo info	Staples		
9122	Santa Barbara	Fox Mountain	349	196	S Barbara Canyon	88-N			no paleo info	Staples		
9123	Santa Barbara	Fox Mountain	349	204	S Barbara Canyon	88-N			no paleo info	Staples		
9124	Santa Barbara	Fox Mountain	349	206	S Barbara Canyon	88-N			no paleo info	Staples		
9125	Santa Barbara	Fox Mountain	349	207	S Barbara Canyon	88-N			no paleo info	Staples		
9126	Santa Barbara	Fox Mountain	349	209	S Barbara Canyon	88-N			no paleo info	Staples		
9127	Santa Barbara	Fox Mountain	349	210	S Barbara Canyon	88-N			no paleo info	Staples		
9128	Santa Barbara	Fox Mountain	349	212	S Barbara Canyon	88-N			no paleo info	Staples		
9129	Santa Barbara	Fox Mountain	349	218	S Barbara Canyon	88-N			no paleo info	Staples		
9130	Santa Barbara	Fox Mountain	349	219	S Barbara Canyon	88-N			no paleo info	Staples		
9131	Santa Barbara	Fox Mountain	349	220	S Barbara Canyon	88-N			no paleo info	Staples		
9132	Santa Barbara	Fox Mountain	356	1	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9133	Santa Barbara	Fox Mountain	356	4	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9134	Santa Barbara	Fox Mountain	356	5	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9135	Santa Barbara	Fox Mountain	356	5A	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9136	Santa Barbara	Fox Mountain	356	5B	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9137	Santa Barbara	Fox Mountain	356	6	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9138	Santa Barbara	Fox Mountain	356	7	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9139	Santa Barbara	Fox Mountain	356	10	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9140	Santa Barbara	Fox Mountain	356	11	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9141	Santa Barbara	Fox Mountain	356	13	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9142	Santa Barbara	Fox Mountain	356	16	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9143	Santa Barbara	Fox Mountain	356	18	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9144	Santa Barbara	Fox Mountain	356	21	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9145	Santa Barbara	Fox Mountain	356	24	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9146	Santa Barbara	Fox Mountain	356	26	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9147	Santa Barbara	Fox Mountain	356	28	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9148	Santa Barbara	Fox Mountain	356	32	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9149	Santa Barbara	Fox Mountain	356	33	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9150	Santa Barbara	Fox Mountain	356	39	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9151	Santa Barbara	Fox Mountain	356	49	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9152	Santa Barbara	Fox Mountain	356	50	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9153	Santa Barbara	Fox Mountain	356	51	S Barbara Canyon	58-L	Strawberry Pk		No paleo info			
9154	Santa Barbara	Fox Mountain	1698		NW part of quad	40-L	Salisbury Cyn 15'	age from map	U Miocene?	Klemme		
9155	Santa Barbara	Fox Mountain	1699		NW corner of quad	40-L	Salisbury Cyn 15'	age from map	Saucesian	Klemme		
9156	Santa Barbara	Fox Mountain	1701		not found	40-L	Salisbury Cyn 15'		no paleo info	Klemme		
9157	Santa Barbara	Fox Mountain	1704		not found	40-M	Salisbury Cyn 15'	see # 80-13	no paleo info	Klemme		
9158	Santa Barbara	Fox Mountain	1706		SW part of quad	40-L	Salisbury Cyn 15'	age from map	Relizian?	Klemme		
9159	Santa Barbara	Fox Mountain	1708		SW part of quad	40-L	Salisbury Cyn 15'	age from map	Eocene?	Klemme		
9160	Santa Barbara	Fox Mountain	1753	A	S Barbara Canyon	69-C	Salisbury Cyn 15'	Lompon on sli	U Cret/Paleoc			
9161	Santa Barbara	Fox Mountain	1754		S Barbara Canyon	69-C	Salisbury Cyn 15'		Lower Zemorrian	Newbill		
9162	Santa Barbara	Fox Mountain	1755		S Barbara Canyon	69-B	Salisbury Cyn 15'		Lower Miocene	Newbill		
9163	Santa Barbara	Fox Mountain	19458		Cox Canyon	159-M	Vedder Mf 943		Lower Luisian	Vedder		
9164	Santa Barbara	Fox Mountain	19459		Cox Canyon	159-M	Vedder Mf 944		Luisian	Vedder		
9165	Santa Barbara	Fox Mountain	19464		Alamo Canyon	260-F	Vedder Mf 942		Middle Miocene	Vedder		
9166	Santa Barbara	Fox Mountain	21004	C	SW part quad	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
9167	Santa Barbara	Fox Mountain	21007	C	Alamo Canyon	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
9168	Santa Barbara	Fox Mountain	21011	C	Cuyama Valley	189-A	Rainbow Canyon		no paleo info	Gregory & B		
9169	Santa Barbara	Fox Mountain	21012	A	Cuyama Valley	189-A	W of SBC Ranch		no paleo info	Gregory & B		
9170	Santa Barbara	Fox Mountain	21016		Cuyama Valley	189-A	E of SBC Ranch		no paleo info	Gregory & B		
9171	Santa Barbara	Fox Mountain	21470		Alamo Canyon	260-F	Vedder Mf 933		Relizian	Vedder		
9172	Santa Barbara	Fox Mountain	21471		Cox Canyon	260-F	Vedder Mf 936		Upper Relizian	Vedder		
9173	Santa Barbara	Fox Mountain	21472		Cox Canyon	260-F	Vedder Mf 940		Relizian/Luisian	Vedder		
9174	Santa Barbara	Fox Mountain	21473		Alamo Canyon	260-F	Vedder Mf 946		Middle Miocene	Vedder		
9175	Santa Barbara	Foxen Canyon	7252		near Foxen Cyn	64-F	Tepsequet Pk 15'	nice fauna	Lower Relizian			
9176	Santa Barbara	Foxen Canyon	30928		NW part of quad	128-G			no paleo info			
9177	Santa Barbara	Foxen Canyon	30929		NW part of quad	128-G			no paleo info			
9178	Santa Barbara	Foxen Canyon	30930		NW part of quad	128-G			no paleo info			
9179	San Mateo	Franklin Point	5016		Gazos Creek	16-K	26/8S/4W (SLP)		Eocene A-2 zone	Starke		
9180	San Mateo	Franklin Point	5017		Gazos Creek	16-K	4/8S/4W (SLP)		Eocene A-2 zone	Starke		
9181	San Mateo	Franklin Point	5670		Sandy Pt Guard S	129-M	35/8S/4W (SLP)		not diagnostic	Starke		

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		
9182	San Mateo	Franklin Point	7086		Butano landing stp	91-F	21/9S/3W (SLP)		barren	Starke		
9183	San Mateo	Franklin Point	7087		Butano landing stp	91-F	20/9S/3W (SLP)		barren	Starke		
9184	San Mateo	Franklin Point	8882		just E of airport	147-F	22/8S/4W map		U Eocene A zone	Kraetsch		
9185	San Mateo	Franklin Point	8883		NE Sandy Point G	147-F	26/8S/4W (SLP)	Butano	not diagnostic	Kraetsch		
9186	San Mateo	Franklin Point	8884		NE Sandy Point G	147-F	25/8S/4W (SLP)	Butano	poss U Eocene	Kraetsch		
9187	Glenn	Fruto	517	11	Hoodoo Hills	152-B	Fruto 15'		not diagnostic	Amundson		
9188	Glenn	Fruto	517	12	Hoodoo Hills	152-B	Fruto 15'		not diagnostic	Amundson		
9189	Glenn	Fruto	517	13	Hoodoo Hills	152-B	Fruto 15'		prob U Cret I zone	Amundson		
9190	Glenn	Fruto	517	15	Fruto area	152-B	Fruto 15'		not diagnostic	Amundson		
9191	Glenn	Fruto	517	17	Fruto area	152-B	Fruto 15'		U Cret H zone	Amundson		
9192	Glenn	Fruto	517	18	Fruto area	152-B	Fruto 15'		not diagnostic	Amundson		
9193	Glenn	Fruto	517	19	Fruto area	152-B	Fruto 15'		not diagnostic	Amundson		
9194	Glenn	Fruto	517	21	Fruto area	152-B	Fruto 15'		prob U Cretaceous	Amundson		
9195	Glenn	Fruto	517	22	Fruto area	152-B	Fruto 15'		not diagnostic	Amundson		
9196	Glenn	Fruto	517	23	Fruto area	152-B	Fruto 15'		not diagnostic	Amundson		
9197	Glenn	Fruto	517	25	Fruto area	152-B	Fruto 15'		prob L Cret J zone	Amundson		
9198	Glenn	Fruto	517	27	Fruto area	152-B	Elk Creek		not diagnostic	Amundson		
9199	Glenn	Fruto	762	1	Antelope Creek	149-F	Fruto 15'	28N/1E	U Cret G-1 zone			
9200	Glenn	Fruto	762	2	Antelope Creek	149-F	Fruto 15'	28N/1E	U Cret G-1 zone			
9201	Glenn	Fruto	763	1	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	U Cret H zone			
9202	Glenn	Fruto	763	2	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	L Cret J-1 zone			
9203	Glenn	Fruto	763	3	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	L Cret J-1 zone			
9204	Glenn	Fruto	763	5	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	L Cret J-1 zone			
9205	Glenn	Fruto	763	6	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	not diagnostic			
9206	Glenn	Fruto	763	7	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	not diagnostic			
9207	Glenn	Fruto	764	3	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9208	Glenn	Fruto	764	4	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9209	Glenn	Fruto	764	5	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9210	Glenn	Fruto	764	6	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9211	Glenn	Fruto	764	7	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9212	Glenn	Fruto	764	8	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9213	Glenn	Fruto	764	9	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9214	Glenn	Fruto	764	10	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9215	Glenn	Fruto	764	11	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9216	Glenn	Fruto	764	12	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9217	Glenn	Fruto	764	13	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9218	Glenn	Fruto	764	14	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9219	Glenn	Fruto	764	15	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9220	Glenn	Fruto	764	16	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9221	Glenn	Fruto	764	17	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9222	Glenn	Fruto	764	18	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9223	Glenn	Fruto	764	19	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9224	Glenn	Fruto	764	20	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9225	Glenn	Fruto	764	21	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9226	Glenn	Fruto	764	22	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9227	Glenn	Fruto	764	23	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9228	Glenn	Fruto	764	24	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9229	Glenn	Fruto	764	25	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9230	Glenn	Fruto	764	26	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9231	Glenn	Fruto	764	27	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9232	Glenn	Fruto	764	28	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9233	Glenn	Fruto	764	29	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9234	Glenn	Fruto	764	30	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9235	Glenn	Fruto	764	31	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9236	Glenn	Fruto	764	32	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9237	Glenn	Fruto	764	33	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9238	Glenn	Fruto	764	34	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9239	Glenn	Fruto	764	35	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9240	Glenn	Fruto	764	36	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9241	Glenn	Fruto	764	37	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9242	Glenn	Fruto	764	38	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9243	Glenn	Fruto	764	39	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9244	Glenn	Fruto	764	40	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9245	Glenn	Fruto	764	41	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9246	Glenn	Fruto	764	42	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9247	Glenn	Fruto	764	43	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9248	Glenn	Fruto	764	44	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9249	Glenn	Fruto	764	45	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9250	Glenn	Fruto	764	46	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9251	Glenn	Fruto	764	47	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9252	Glenn	Fruto	764	48	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9253	Glenn	Fruto	764	49	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9254	Glenn	Fruto	764	50	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9255	Glenn	Fruto	764	51	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9256	Glenn	Fruto	764	52	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9257	Glenn	Fruto	764	53	Nye Creek	153-A	Fruto 15'		U Cret H zone	Helm		
9258	Glenn	Fruto	764	54	Nye Creek	153-B	Fruto 15'		U Cret H zone	Helm		
9259	Glenn	Fruto	764	55	Nye Creek	153-B	Fruto 15'		U Cret H zone	Helm		
9260	Glenn	Fruto	764	56	Nye Creek	153-B	Fruto 15'		U Cret H zone	Helm		
9261	Glenn	Fruto	764	58	Nye Creek	153-B	Fruto 15'		U Cret H zone	Helm		
9262	Glenn	Fruto	764	59	Nye Creek	153-B	Fruto 15'		U Cret H zone	Helm		
9263	Glenn	Fruto	764	60	Nye Creek	153-B	Fruto 15'		U Cret H zone	Helm		
9264	Glenn	Fruto	764	61	Nye Creek	153-B	Fruto 15'		U Cret H zone	Helm		
9265	Glenn	Fruto	764	62	Nye Creek	153-B	Fruto 15'		U Cret H zone	Helm		
9266	Glenn	Fruto	764	63	Nye Creek	153-B	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/AG	COLLECTORS		
9607	Glenn	Fruto	764	438	Nye Creek	153-H	Fruto 15'		L Cret J-2 zone	Helm		
9608	Glenn	Fruto	764	495	EC part of quad	153-I	Fruto 15'		not diagnostic	Helm		
9609	Glenn	Fruto	764	496	Nye Creek	153-I	Fruto 15'		not diagnostic	Helm		
9610	Glenn	Fruto	764	497	Nye Creek	153-I	Fruto 15'		not diagnostic	Helm		
9611	Glenn	Fruto	764	498	Nye Creek	153-I	Fruto 15'		not diagnostic	Helm		
9612	Glenn	Fruto	764	499	Nye Creek	153-I	Fruto 15'		not diagnostic	Helm		
9613	Glenn	Fruto	764	500	Nye Creek	153-I	Fruto 15'		L Cret J-1 zone	Helm		
9614	Glenn	Fruto	764	501	Nye Creek	153-I	Fruto 15'		L Cret J-1 zone	Helm		
9615	Glenn	Fruto	764	502	Nye Creek	153-I	Fruto 15'		L Cret J-1 zone	Helm		
9616	Glenn	Fruto	764	503	Nye Creek	153-I	Fruto 15'		not diagnostic	Helm		
9617	Glenn	Fruto	764	504	Nye Creek	153-I	Fruto 15'		not diagnostic	Helm		
9618	Glenn	Fruto	764	505	Nye Creek	153-I	Fruto 15'		not diagnostic	Helm		
9619	Glenn	Fruto	764	506	Nye Creek	153-I	Fruto 15'		U Cret H zone	Helm		
9620	Glenn	Fruto	764	507	Nye Creek	153-I	Fruto 15'		U Cret H zone	Helm		
9621	Glenn	Fruto	764	508	Nye Creek	153-I	Fruto 15'		U Cret H zone	Helm		
9622	Glenn	Fruto	764	509	Nye Creek	153-I	Fruto 15'		U Cret H zone	Helm		
9623	Glenn	Fruto	764	510	Nye Creek	153-J	Fruto 15'		U Cret H zone	Helm		
9624	Glenn	Fruto	764	511	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9625	Glenn	Fruto	764	512	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9626	Glenn	Fruto	764	513	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9627	Glenn	Fruto	764	514	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9628	Glenn	Fruto	764	515	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9629	Glenn	Fruto	764	516	Nye Creek	153-J	Fruto 15'		not diagnostic	Helm		
9630	Glenn	Fruto	764	517	Nye Creek	153-J	Fruto 15'		not diagnostic	Helm		
9631	Glenn	Fruto	764	518	Nye Creek	153-J	Fruto 15'		not diagnostic	Helm		
9632	Glenn	Fruto	764	519	Nye Creek	153-J	Fruto 15'		not diagnostic	Helm		
9633	Glenn	Fruto	764	520	Nye Creek	153-J	Fruto 15'		not diagnostic	Helm		
9634	Glenn	Fruto	764	521	Nye Creek	153-J	Fruto 15'		not diagnostic	Helm		
9635	Glenn	Fruto	764	522	Nye Creek	153-J	Fruto 15'		not diagnostic	Helm		
9636	Glenn	Fruto	764	523	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9637	Glenn	Fruto	764	524	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9638	Glenn	Fruto	764	525	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9639	Glenn	Fruto	764	526	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9640	Glenn	Fruto	764	527	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9641	Glenn	Fruto	764	528	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9642	Glenn	Fruto	764	529	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9643	Glenn	Fruto	764	531	Nye Creek	153-J	Fruto 15'		not diagnostic	Helm		
9644	Glenn	Fruto	764	532	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9645	Glenn	Fruto	764	533	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9646	Glenn	Fruto	764	536	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9647	Glenn	Fruto	764	537	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9648	Glenn	Fruto	764	538	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9649	Glenn	Fruto	764	539	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9650	Glenn	Fruto	764	540	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9651	Glenn	Fruto	764	541	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9652	Glenn	Fruto	764	542	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9653	Glenn	Fruto	764	543	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9654	Glenn	Fruto	764	544	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9655	Glenn	Fruto	764	545	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9656	Glenn	Fruto	764	546	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9657	Glenn	Fruto	764	547	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9658	Glenn	Fruto	764	554	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9659	Glenn	Fruto	764	555	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9660	Glenn	Fruto	764	556	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9661	Glenn	Fruto	764	557	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9662	Glenn	Fruto	764	558	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9663	Glenn	Fruto	764	559	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9664	Glenn	Fruto	764	560	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9665	Glenn	Fruto	764	561	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9666	Glenn	Fruto	764	562	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9667	Glenn	Fruto	764	563	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9668	Glenn	Fruto	764	564	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9669	Glenn	Fruto	764	565	Nye Creek	153-J	Fruto 15'		L Cret J-1 zone	Helm		
9670	Glenn	Fruto	774	19	J-607 seis line	152-A	Fruto 15'		not diagnostic			
9671	Glenn	Fruto	774	20-A	J-607 seis line	152-A	Fruto 15'		not diagnostic			
9672	Glenn	Fruto	774	23	J-607 seis line	152-A	Fruto 15'		L Cret J zone			
9673	Glenn	Fruto	774	24	J-607 seis line	152-A	Fruto 15'		L Cret J zone			
9674	Glenn	Fruto	774	25	J-607 seis line	152-A	Fruto 15'		not diagnostic			
9675	Glenn	Fruto	774	26	J-607 seis line	152-A	Fruto 15'		L Cret J zone			
9676	Humboldt	Garberville	22366	1	SW of airport	239-L	Garberville 15'		poss Pliocene			
9677	Humboldt	Garberville	22366	2	SW of airport	239-L	Garberville 15'		poss Cretaceous			
9678	Humboldt	Garberville	22366	3	SW of airport	239-L	Garberville 15'		Luisian			
9679	Humboldt	Garberville	22366	3RW	SW of airport	239-L	Garberville 15'		Luisian			
9680	Humboldt	Garberville	22366	4B	SW of airport	239-L	Garberville 15'		Luisian			
9681	Humboldt	Garberville	22366	4BRW	SW of airport	239-L	Garberville 15'		Luisian			
9682	Humboldt	Garberville	22366	5	SW of airport	239-L	Garberville 15'		Luisian			
9683	Humboldt	Garberville	22366	5RW	SW of airport	239-L	Garberville 15'		Luisian			
9684	Humboldt	Garberville	22366	6	SW of airport	239-L	Garberville 15'		Luisian			
9685	Humboldt	Garberville	22366	6RW	SW of airport	239-L	Garberville 15'		Luisian			
9686	Humboldt	Garberville	22366	7	SW of airport	239-M	Garberville 15'		has reworked M			
9687	Humboldt	Garberville	22366	8	SW of airport	239-M	Garberville 15'		poss Cretaceous			
9688	Humboldt	Garberville	22366	10	SW of airport	239-M	Garberville 15'		prob Cretaceous			
9689	Humboldt	Garberville	22369	17A	NW part of quad	239-M	Garberville 15'		Relizian			
9690	Humboldt	Garberville	22369	17ARW	NW part of quad	239-M	Garberville 15'		Relizian			
9691	Humboldt	Garberville	22369	17C	NW part of quad	239-M	Garberville 15'	reworked Mioc	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	ONE/SERIES/AGI	COLLECTORS		
9692	Humboldt	Garberville	22369	17CRW	NW part of quad	239-M	Garberville 15'	reworked Mio	not diagnostic			
9693	Humboldt	Garberville	22369	17D	NW part of quad	223-M	Garberville 15'		Middle Miocene			
9694	Humboldt	Garberville	22369	18	NW part of quad	239-M	Garberville 15'		not diagnostic			
9695	Humboldt	Garberville	22369	18RW	NW part of quad	239-M	Garberville 15'		barren			
9696	Humboldt	Garberville	22722		E of Benbow	244-D	Garberville 15'		Pliocene			
9697	Humboldt	Garberville	22732		Sprowl Creek	244-E	Garberville 15'		not diagnostic			
9698	Humboldt	Garberville	22733		Sprowl Creek	244-E	Garberville 15'		not diagnostic			
9699	Humboldt	Garberville	22733	RW	Sprowl Creek	244-E	Garberville 15'		not diagnostic			
9700	Humboldt	Garberville	22734		Sprowl Creek	244-E	Garberville 15'		not diagnostic			
9701	Humboldt	Garberville	22734	RW	Sprowl Creek	244-E	Garberville 15'		not diagnostic			
9702	Humboldt	Garberville	22834		E of Benbow	244-H	Garberville 15'	planktics com		Silcox		
9703	Humboldt	Garberville	22845	2	Briceland area	244-F	Garberville 15'		?Cretaceous			
9704	Humboldt	Garberville	22845	3	Eel River auger	244-F	Garberville 15'		?Cretaceous			
9705	Humboldt	Garberville	22845	4	Eel River auger	244-F	Garberville 15'		?Cretaceous			
9706	Humboldt	Garberville	22845	6A	Eel River auger	244-F	Garberville 15'		?Cretaceous			
9707	Humboldt	Garberville	22845	6B	Eel River auger	244-F	Garberville 15'		?Cretaceous			
9708	Humboldt	Garberville	22845	7A	Eel River auger	244-F	Garberville 15'		?Cretaceous			
9709	Humboldt	Garberville	22845	7B	Eel River auger	244-F	Garberville 15'		?Cretaceous			
9710	Humboldt	Garberville	22845	7C	Eel River auger	244-F	Garberville 15'		?Cretaceous			
9711	Humboldt	Garberville	22845	8	Eel River auger	244-F	Garberville 15'		?Cretaceous			
9712	Humboldt	Garberville	22847	2A	SW of airport	244-F	Garberville 15'		?Cretaceous			
9713	Humboldt	Garberville	22847	2B	SW of airport	244-F	Garberville 15'	auger	?Cretaceous			
9714	Humboldt	Garberville	22847	3A	SW of airport	244-F	Garberville 15'		?Cretaceous			
9715	Humboldt	Garberville	22847	3B	SW of airport	244-F	Garberville 15'		?Cretaceous			
9716	Humboldt	Garberville	22847	4	SW of airport	244-F	Garberville 15'		Middle Miocene			
9717	Humboldt	Garberville	22851	1A	E of Benbow	244-F	Garberville 15'		Miocene/Pliocene			
9718	Humboldt	Garberville	22851	1B	Eel River auger	244-F	Garberville 15'		Miocene/Pliocene			
9719	Humboldt	Garberville	22851	2A	Eel River auger	244-F	Garberville 15'		Miocene/Pliocene			
9720	Humboldt	Garberville	22852	1A	SW of Benbow	244-G	Garberville 15'		Mohanian			
9721	Humboldt	Garberville	22852	1AA	SW part of quad	244-G	Garberville 15'	auger	Mohanian			
9722	Humboldt	Garberville	22852	2A	SW part of quad	244-G	Garberville 15'	reworked	Cret and Miocene			
9723	Humboldt	Garberville	22852	2B	SW part of quad	244-G	Garberville 15'	reworked	Cret and Miocene			
9724	Humboldt	Garberville	22852	2C	SW part of quad	244-G	Garberville 15'	reworked	Cret and Miocene			
9725	Humboldt	Garberville	22852	2D	SW part of quad	244-G	Garberville 15'		Cret/Paleocene			
9726	Humboldt	Garberville	22852	3A	SW part of quad	244-G	Garberville 15'		not diagnostic			
9727	Humboldt	Garberville	22853	2D	W of Garberville	244-G	Garberville 15'	auger	not diagnostic			
9728	Humboldt	Garberville	22853	2E	W of Garberville	244-G	Garberville 15'		not diagnostic			
9729	Humboldt	Garberville	22853	2F	W of Garberville	244-G	Garberville 15'		poss Mio/Pliocene			
9730	Humboldt	Garberville	22853	2J	W of Garberville	244-G	Garberville 15'		not diagnostic			
9731	Humboldt	Garberville	22853	2K	W of Garberville	244-G	Garberville 15'		poss Mio/Pliocene			
9732	Fresno	Garza Peak	228	1	Canoas Ck	E-11	not on map	Ridge 3/8 mi	Eocene	Newbill		
9733	Fresno	Garza Peak	228	2	Canoas Ck	E-11	not on map	north of	Eocene	Newbill		
9734	Fresno	Garza Peak	228	3	Canoas Ck	E-11	not on map	Canoas Ck	Eocene	Newbill		
9735	Fresno	Garza Peak	228	4	Canoas Ck	E-11	not on map	Have strat	Eocene	Newbill		
9736	Fresno	Garza Peak	228	5	Canoas Ck	E-11	not on map	column. Quad	Eocene	Newbill		
9737	Fresno	Garza Peak	228	6	Canoas Ck	E-11	not on map	uncertain	Eocene	Newbill		
9738	Fresno	Garza Peak	228	7	Canoas Ck	E-11	not on map		Eocene	Newbill		
9739	Fresno	Garza Peak	228	8	Canoas Ck	E-11	not on map		Eocene	Newbill		
9740	Fresno	Garza Peak	228	9	Canoas Ck	E-11	not on map		Eocene	Newbill		
9741	Fresno	Garza Peak	228	10	Canoas Ck	E-11	not on map		Eocene	Newbill		
9742	Fresno	Garza Peak	228	11	Canoas Ck	E-11	not on map		Eocene	Newbill		
9743	Fresno	Garza Peak	228	12	Canoas Ck	E-11	not on map		Eocene	Newbill		
9744	Fresno	Garza Peak	228	13	Canoas Ck	E-11	not on map		Eocene	Newbill		
9745	Fresno	Garza Peak	228	14	Canoas Ck	E-11	not on map		Eocene	Newbill		
9746	Fresno	Garza Peak	228	15	Canoas Ck	E-11	not on map		Eocene	Newbill		
9747	Fresno	Garza Peak	228	16	Canoas Ck	E-11	not on map		Eocene	Newbill		
9748	Fresno	Garza Peak	228	17	Canoas Ck	E-11	not on map		Eocene	Newbill		
9749	Fresno	Garza Peak	228	18	Canoas Ck	E-11	not on map		Eocene	Newbill		
9750	Fresno	Garza Peak	228	19	Canoas Ck	E-11	not on map		Eocene	Newbill		
9751	Fresno	Garza Peak	228	20	Canoas Ck	E-11	not on map		Eocene	Newbill		
9752	Fresno	Garza Peak	228	21	Canoas Ck	E-11	not on map		Eocene	Newbill		
9753	Fresno	Garza Peak	228	22	Canoas Ck	E-11	not on map		Eocene	Newbill		
9754	Fresno	Garza Peak	228	23	Canoas Ck	E-11	not on map		Eocene	Newbill		
9755	Fresno	Garza Peak	285	7	trib to Canoas Ck	46-F	No paleo but		no paleo info			
9756	Fresno	Garza Peak	285	8	trib to Canoas Ck	46-F	samples are from		no paleo info			
9757	Fresno	Garza Peak	285	10	trib to Canoas Ck	46-F	McClure and		no paleo info			
9758	Fresno	Garza Peak	285	13	trib to Canoas Ck	46-F	Reef Ridge Fms,		no paleo info			
9759	Fresno	Garza Peak	285	17	trib to Canoas Ck	46-F	Miocene		no paleo info			
9760	Fresno	Garza Peak	285	18	trib to Canoas Ck	46-F			no paleo info			
9761	Fresno	Garza Peak	285	19	trib to Canoas Ck	46-F			no paleo info			
9762	Fresno	Garza Peak	285	20	trib to Canoas Ck	46-F			no paleo info			
9763	Fresno	Garza Peak	285	21	trib to Canoas Ck	46-F			no paleo info			
9764	Fresno	Garza Peak	285	22	trib to Canoas Ck	46-G			no paleo info			
9765	Fresno	Garza Peak	285	73	trib to Canoas Ck	46-G			no paleo info			
9766	Fresno	Garza Peak	285	74	trib to Canoas Ck	46-G			no paleo info			
9767	Fresno	Garza Peak	285	77	trib to Canoas Ck	46-G			no paleo info			
9768	Fresno	Garza Peak	285	79	trib to Canoas Ck	46-G			no paleo info			
9769	Fresno	Garza Peak	285	82	trib to Canoas Ck	46-G			no paleo info			
9770	Fresno	Garza Peak	285	84	trib to Canoas Ck	46-G			no paleo info			
9771	Fresno	Garza Peak	285	85	trib to Canoas Ck	46-G			no paleo info			
9772	Fresno	Garza Peak	285	94	trib to Canoas Ck	46-G			no paleo info			
9773	Fresno	Garza Peak	285	98	trib to Canoas Ck	46-G			no paleo info			
9774	Fresno	Garza Peak	285	99	trib to Canoas Ck	46-G			no paleo info			
9775	Fresno	Garza Peak	285	100	trib to Canoas Ck	46-G			no paleo info			
9776	Fresno	Garza Peak	285	103	trib to Canoas Ck	46-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		
9777	Fresno	Garza Peak	285	108	trib to Canoas Ck	46-G			no paleo info			
9778	Fresno	Garza Peak	285	109	trib to Canoas Ck	46-G			no paleo info			
9779	Fresno	Garza Peak	285	111	trib to Canoas Ck	46-G			no paleo info			
9780	Fresno	Garza Peak	285	112	trib to Canoas Ck	46-G			no paleo info			
9781	Fresno	Garza Peak	285	114	trib to Canoas Ck	46-G			no paleo info			
9782	Fresno	Garza Peak	285	115	trib to Canoas Ck	46-G			no paleo info			
9783	Fresno	Garza Peak	285	119	trib to Canoas Ck	46-G			no paleo info			
9784	Fresno	Garza Peak	285	121	trib to Canoas Ck	46-G			no paleo info			
9785	Fresno	Garza Peak	285	123	trib to Canoas Ck	46-G			no paleo info			
9786	Fresno	Garza Peak	285	124	trib to Canoas Ck	46-G			no paleo info			
9787	Fresno	Garza Peak	285	126	trib to Canoas Ck	46-G			no paleo info			
9788	Fresno	Garza Peak	285	127	trib to Canoas Ck	46-G			no paleo info			
9789	Fresno	Garza Peak	285	136	trib to Canoas Ck	46-G			no paleo info			
9790	Kings	Garza Peak	1372	A	Flattop	88-D			no paleo info	Hastings		
9791	Kings	Garza Peak	1372	B	Flattop	88-D			no paleo info	Hastings		
9792	Kings	Garza Peak	1374	A	Ragged Top	88-D			no paleo info	Hastings		
9793	Kings	Garza Peak	1374	B	Ragged Top	88-D			no paleo info	Hastings		
9794	Kings	Garza Peak	11502		Garza Ck	161-G	not on map		Eocene	Meditz		
9795	Kings	Garza Peak	11506		Garza Ck	161-G	not on map		Upper Eocene	Meditz		
9796	Kings	Garza Peak	13842	1	Avenal Canyon	207-F			no paleo info	Lewis		
9797	Kings	Garza Peak	13842	2	Avenal Canyon	207-F			no paleo info	Lewis		
9798	Kern	Garza Peak	13843	1	Avenal Canyon	207-F			no paleo info	Lewis		
9799	Kern	Garza Peak	13843	2	Avenal Canyon	207-F			no paleo info	Lewis		
9800	Kings	Garza Peak	13860	1	Big Tar Canyon	90-L		age from lab	Cretaceous			
9801	Kings	Garza Peak	13860	5	Big Tar Canyon	90-L		age from lab	Cretaceous			
9802	Kings	Garza Peak	13860	6	Big Tar Canyon	90-L		age from lab	Cretaceous			
9803	Kings	Garza Peak	13860	7	Big Tar Canyon	90-L		age from lab	Cretaceous			
9804	Kings	Garza Peak	13860	8	Big Tar Canyon	90-L		age from lab	Cretaceous			
9805	Kings	Garza Peak	13860	9	Big Tar Canyon	90-L		age from lab	Cretaceous			
9806	Kings	Garza Peak	13860	10	Big Tar Canyon	90-L		age from lab	Cretaceous			
9807	Kings	Garza Peak	13860	11A	Big Tar Canyon	90-L		age from lab	Cretaceous			
9808	Kings	Garza Peak	13860	12A	Big Tar Canyon	90-L		age from lab	Cretaceous			
9809	Kings	Garza Peak	13860	12B	Big Tar Canyon	90-L		age from lab	Cretaceous			
9810	Kings	Garza Peak	13860	13	Big Tar Canyon	90-L		age from lab	Cretaceous			
9811	Kings	Garza Peak	13860	14	Big Tar Canyon	90-L		age from lab	Cretaceous			
9812	Kings	Garza Peak	22406	1	Garza Creek	244-J	type Canoas		no paleo info			
9813	Kings	Garza Peak	22406	2	Garza Creek	244-J	type Canoas		no paleo info			
9814	Kings	Garza Peak	22406	3	Garza Creek	244-J	type Canoas		no paleo info			
9815	Kings	Garza Peak	22406	4	Garza Creek	244-J	type Canoas		no paleo info			
9816	Kings	Garza Peak	22407	1	Garza Creek	244-J	type Canoas		no paleo info			
9817	Kings	Garza Peak	22408	1	Garza Creek	244-J	type Canoas		no paleo info			
9818	Kings	Garza Peak	22408	2	Garza Creek	244-J	type Canoas		no paleo info			
9819	Kings	Garza Peak	22408	3	Garza Creek	244-J	type Canoas		no paleo info			
9820	Kings	Garza Peak	22408	4	Garza Creek	244-J	type Canoas		no paleo info			
9821	Kings	Garza Peak	22408	5	Garza Creek	244-J	type Canoas		no paleo info			
9822	Kings	Garza Peak	22408	6	Garza Creek	244-J	type Canoas		no paleo info			
9823	Santa Barbara	Gaviota	103	1	NE part of quad	131-M	Arroyo Hondo	see loc #74	Zemorian	Derry		
9824	Santa Barbara	Gaviota	103	2	NE part of quad	131-M	Arroyo Hondo	strat column	Zemorian			
9825	Santa Barbara	Gaviota	103	3	NE part of quad	131-M	Arroyo Hondo	strat column	Zemorian			
9826	Santa Barbara	Gaviota	103	4	NE part of quad	131-M	Arroyo Hondo	strat column	Zemorian			
9827	Santa Barbara	Gaviota	103	5	NE part of quad	131-M	Arroyo Hondo	strat column	Zemorian			
9828	Santa Barbara	Gaviota	103	6	NE part of quad	131-M	Arroyo Hondo	strat column	Zemorian			
9829	Santa Barbara	Gaviota	103	7	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9830	Santa Barbara	Gaviota	103	8	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9831	Santa Barbara	Gaviota	103	9	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9832	Santa Barbara	Gaviota	103	10	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9833	Santa Barbara	Gaviota	103	11	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9834	Santa Barbara	Gaviota	103	12	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9835	Santa Barbara	Gaviota	103	13	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9836	Santa Barbara	Gaviota	103	14	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9837	Santa Barbara	Gaviota	103	15	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9838	Santa Barbara	Gaviota	103	16	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9839	Santa Barbara	Gaviota	103	17	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9840	Santa Barbara	Gaviota	103	18	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9841	Santa Barbara	Gaviota	103	19	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9842	Santa Barbara	Gaviota	103	20	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9843	Santa Barbara	Gaviota	103	21	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9844	Santa Barbara	Gaviota	103	22	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9845	Santa Barbara	Gaviota	103	23	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9846	Santa Barbara	Gaviota	103	24	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9847	Santa Barbara	Gaviota	103	25	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9848	Santa Barbara	Gaviota	103	26	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9849	Santa Barbara	Gaviota	103	27	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9850	Santa Barbara	Gaviota	103	28	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9851	Santa Barbara	Gaviota	103	29	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9852	Santa Barbara	Gaviota	103	30	NE part of quad	131-N	Arroyo Hondo	strat column	Zemorian			
9853	Santa Barbara	Gaviota	103	32	NE part of quad	131-N	Arroyo Hondo	strat column	Saucesian			
9854	Santa Barbara	Gaviota	103	33	NE part of quad	131-N	Arroyo Hondo	strat column	Saucesian			
9855	Santa Barbara	Gaviota	103	34	NE part of quad	131-N	Arroyo Hondo	strat column	Saucesian			
9856	Santa Barbara	Gaviota	103	35	NE part of quad	131-N	Arroyo Hondo	strat column	Saucesian			
9857	Santa Barbara	Gaviota	103	36	NE part of quad	131-N	Arroyo Hondo	strat column	Saucesian			
9858	Santa Barbara	Gaviota	103	38	NE part of quad	131-N	Arroyo Hondo	strat column	Saucesian			
9859	Santa Barbara	Gaviota	103	39	NE part of quad	131-N	Arroyo Hondo	strat column	Saucesian			
9860	Santa Barbara	Gaviota	193	1	Gaviota Pass	68-E	Have foram check		Refugian			
9861	Santa Barbara	Gaviota	193	2	Gaviota Pass	68-E	list		Refugian			

	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		
9947	Santa Barbara	Gaviota	221	295	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9948	Santa Barbara	Gaviota	221	296	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9949	Santa Barbara	Gaviota	221	297	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9950	Santa Barbara	Gaviota	221	298	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9951	Santa Barbara	Gaviota	221	299	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9952	Santa Barbara	Gaviota	221	300	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9953	Santa Barbara	Gaviota	221	309	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9954	Santa Barbara	Gaviota	221	310	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9955	Santa Barbara	Gaviota	221	311	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9956	Santa Barbara	Gaviota	221	317	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9957	Santa Barbara	Gaviota	221	319	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9958	Santa Barbara	Gaviota	221	320	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9959	Santa Barbara	Gaviota	221	321	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9960	Santa Barbara	Gaviota	221	322	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9961	Santa Barbara	Gaviota	221	323	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9962	Santa Barbara	Gaviota	221	324	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9963	Santa Barbara	Gaviota	221	325	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9964	Santa Barbara	Gaviota	221	326	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9965	Santa Barbara	Gaviota	221	327	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9966	Santa Barbara	Gaviota	221	328	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9967	Santa Barbara	Gaviota	221	329	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9968	Santa Barbara	Gaviota	221	351	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9969	Santa Barbara	Gaviota	221	354	Arroyo Hondo	60-F	strat column		Eocene	Weaver		
9970	Santa Barbara	Gaviota	360		SB Gaviota Beach	82-K	data on slide		U Mohnian			
9971	Santa Barbara	Gaviota	2479		N of Gaviota	22-A			no paleo info			
9972	Santa Barbara	Gaviota	2481		N of Gaviota	22-A			no paleo info			
9973	Santa Barbara	Gaviota	2483		Hwy 101 area	22-A			no paleo info			
9974	Santa Barbara	Gaviota	2503		S of Gaviota Pass	69-I			Eocene			
9975	Santa Barbara	Gaviota	2510		Hwy 101 area	22-A			Miocene			
9976	Santa Barbara	Gaviota	2512		Hwy 101 area	22-A			Miocene			
9977	Santa Barbara	Gaviota	2513		Hwy 101 area	22-A			Miocene			
9978	Santa Barbara	Gaviota	2514		Hwy 101 area	22-A			Miocene			
9979	Santa Barbara	Gaviota	2515		Hwy 101 area	22-A			Miocene			
9980	Santa Barbara	Gaviota	2516		Hwy 101 area	22-A			Miocene			
9981	Santa Barbara	Gaviota	2517		Hwy 101 area	22-A			Miocene			
9982	Santa Barbara	Gaviota	2518		Hwy 101 area	22-A			Miocene			
9983	Santa Barbara	Gaviota	2519		Hwy 101 area	22-A			Miocene			
9984	Santa Barbara	Gaviota	4578		near Gaviota	118-G			Saucesian			
9985	Santa Barbara	Gaviota	4579		near Gaviota	118-G			Saucesian			
9986	Santa Barbara	Gaviota	4580		near Gaviota	118-G			not diagnostic			
9987	Santa Barbara	Gaviota	4581		near Gaviota	118-G			Saucesian			
9988	Santa Barbara	Gaviota	4800		E of Gaviota	37-M			no paleo info			
9989	Santa Barbara	Gaviota	4814	20	NW corner quad	37-M			Lower Zemorrian			
9990	Santa Barbara	Gaviota	4814	1	NW corner quad	37-M			Lower Zemorrian			
9991	Santa Barbara	Gaviota	4814	2	NW corner quad	37-M			Lower Zemorrian			
9992	Santa Barbara	Gaviota	4814	3	NW corner quad	37-M			Lower Zemorrian			
9993	Santa Barbara	Gaviota	4814	4	NW corner quad	37-M			Lower Zemorrian			
9994	Santa Barbara	Gaviota	4814	5	NW corner quad	37-M			Lower Zemorrian			
9995	Santa Barbara	Gaviota	4814	6	NW corner quad	37-M			Lower Zemorrian			
9996	Santa Barbara	Gaviota	4821	2	Gaviota Pass	37-L	also has # 4848	strat column	Refugian			
9997	Santa Barbara	Gaviota	4821	3	Gaviota Pass	37-K	also 4830, 4840	strat column	Refugian			
9998	Santa Barbara	Gaviota	4821	4	Gaviota Pass	37-K	also has # 4848	strat column	Refugian			
9999	Santa Barbara	Gaviota	4821	5	Gaviota Pass	37-K	also has # 4848	strat column	Refugian			
10000	Santa Barbara	Gaviota	5058	23	Can Agua Caliente	37-L			no paleo info			
10001	Santa Barbara	Gaviota	30479	1	Gaviota Beach	128-G	see strat column		Saucesian			
10002	Santa Barbara	Gaviota	30479	3	Gaviota Beach	128-G	for loc 30486		Saucesian			
10003	Santa Barbara	Gaviota	30479	4	Gaviota Beach	128-G			Saucesian			
10004	Santa Barbara	Gaviota	30486	1	Gaviota Beach	118-I	Have strat column		Saucesian			
10005	Santa Barbara	Gaviota	30486	2	Gaviota Beach	118-I			not diagnostic			
10006	Santa Barbara	Gaviota	30486	5	Gaviota Beach	118-I			Relizian			
10007	Santa Barbara	Gaviota	30486	15	Gaviota Beach	118-I			Upper Mohnian			
10008	Santa Barbara	Gaviota	30486	17	Gaviota Beach	118-I			Upper Mohnian			
10009	Santa Barbara	Gaviota	30486	18	Gaviota Beach	118-J			Upper Mohnian			
10010	Santa Barbara	Gaviota	30486	19	Gaviota Beach	118-J			Upper Mohnian			
10011	Santa Barbara	Gaviota	30486	20	Gaviota Beach	118-J			Upper Mohnian			
10012	Santa Barbara	Gaviota	30486	21	Gaviota Beach	128-G			Upper Mohnian			
10013	Santa Barbara	Gaviota	30486	22A	Gaviota Beach	128-G			Upper Mohnian			
10014	Santa Barbara	Gaviota	30486	36	Gaviota Beach	128-G			no paleo info			
10015	Yolo	Glascok Mountain	22134	1	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
10016	Yolo	Glascok Mountain	22134	2	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
10017	Yolo	Glascok Mountain	22134	3	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
10018	Yolo	Glascok Mountain	22134	4	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
10019	Yolo	Glascok Mountain	22134	5	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
10020	Yolo	Glascok Mountain	22134	6	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
10021	Yolo	Glascok Mountain	22134	8	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
10022	Yolo	Glascok Mountain	22134	9	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
10023	Yolo	Glascok Mountain	22134	10	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
10024	Yolo	Glascok Mountain	22134	11	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
10025	Yolo	Glascok Mountain	22134	12	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
10026	Yolo	Glascok Mountain	22134	13	Cache Creek	232-M	SE of Buck Island	Aptian	no paleo info	Ojakangas		
10027	Lake	Glascok Mountain	22134	14	Cache Creek	232-M	SE of Buck Island	Aptian	Lower Cretaceous	Ojakangas		
10028	Yolo	Glascok Mountain	22135	1	Cache Creek	232-M	SE of Buck Island	Aptian	Lower Cretaceous	Ojakangas		
10029	Yolo	Glascok Mountain	22135	2	Cache Creek	232-M	SE of Buck Island	Albian	Lower Cretaceous	Ojakangas		
10030	Yolo	Glascok Mountain	22135	8	Cache Creek	232-M	SE of Buck Island	Albian	Lower Cretaceous	Ojakangas		
10031	Yolo	Glascok Mountain	22135	14	Cache Creek	232-M	SE of Buck Island	Albian	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	ZONE/SERIES/AG	COLLECTORS		
10287	Yolo	Glacocock Mtn	242	281	Cache Creek	148-F	Morgan Valley 15'		U Cret I-2 zone	Clark & G		
10288	Yolo	Glacocock Mtn	242	282	Cache Creek	148-F	Morgan Valley 15'		U Cret I-2 zone	Clark & G		
10289	Yolo	Glacocock Mtn	242	283	Cache Creek	148-F	Morgan Valley 15'		U Cret I-2 zone	Clark & G		
10290	Yolo	Glacocock Mtn	242	284	Cache Creek	148-F	Morgan Valley 15'		U Cret I-2 zone	Clark & G		
10291	Yolo	Glacocock Mtn	242	286	Cache Creek	148-F	Morgan Valley 15'		U Cret I-2 zone	Clark & G		
10292	Yolo	Glacocock Mtn	242	287	Cache Creek	148-F	Morgan Valley 15'		U Cret I-2 zone	Clark & G		
10293	Yolo	Glacocock Mtn	242	288	Cache Creek	148-F	Morgan Valley 15'		U Cret I-2 zone	Clark & G		
10294	Yolo	Glacocock Mtn	242	289	Cache Creek	148-F	Morgan Valley 15'		U Cret I-2 zone	Clark & G		
10295	Yolo	Glacocock Mtn	242	290	Cache Creek	148-F	Morgan Valley 15'		U Cret I-2 zone	Clark & G		
10296	Yolo	Glacocock Mtn	242	292	Cache Creek	148-F	Morgan Valley 15'		U Cret I-2 zone	Clark & G		
10297	Yolo	Glacocock Mtn	242	296	Cache Creek	148-G	Morgan Valley 15'		U Cret I-2 zone	Clark & G		
10298	Yolo	Glacocock Mtn	242	297	Cache Creek	148-G	Morgan Valley 15'		U Cret I-2 zone	Clark & G		
10299	Yolo	Glacocock Mtn	242	298	Cache Creek	148-G	Morgan Valley 15'		U Cret I-2 zone	Clark & G		
10300	Yolo	Glacocock Mtn	242	299	Cache Creek	148-G	Morgan Valley 15'		U Cret I-2 zone	Clark & G		
10301	Yolo	Glacocock Mtn	242	301	Cache Creek	148-G	Morgan Valley 15'		U Cret I-2 zone	Clark & G		
10302	Sonoma	Glen Ellen	22980		NW corner quad	202-B	Santa Rosa 15'		no paleo info	Lyon		
10303	Los Angeles	Glendora	444	2A	SW part of quad	58-I	South Hills area		no paleo info			
10304	Los Angeles	Glendora	444	5	SW part of quad	65-C	South Hills area	age on slide	Luisian			
10305	Los Angeles	Glendora	671	1	SW part of quad	77-C	South Hills		Luisian			
10306	Los Angeles	Glendora	671	2	SW part of quad	77-C			Luisian			
10307	Los Angeles	Glendora	671	3	SW part of quad	77-C			Luisian			
10308	Los Angeles	Glendora	671	4	SW part of quad	77-C			Luisian			
10309	Los Angeles	Glendora	671	5	SW part of quad	77-C			Luisian			
10310	Los Angeles	Glendora	671	6	SW part of quad	77-C			Luisian			
10311	Los Angeles	Glendora	671	7	SW part of quad	77-C			Luisian			
10312	Los Angeles	Glendora	671	9	SW part of quad	77-C			Luisian			
10313	Los Angeles	Glendora	671	10	SW part of quad	77-C			Luisian			
10314	Los Angeles	Glendora	671	11	SW part of quad	77-C			Luisian			
10315	Los Angeles	Glendora	671	12	SW part of quad	77-C			Luisian			
10316	Los Angeles	Glendora	4522		Spring Canyon	31-N	not on map		no paleo info			
10317	Santa Barbara	Goleta	30487	15	SE part of quad	118-H			not diagnostic			
10318	Santa Barbara	Goleta	30487	16	SE part of quad	118-H			not diagnostic			
10319	Santa Barbara	Goleta	30495	1	Hope Ranch coast	128-H	Have strat column		Mohnian			
10320	Santa Barbara	Goleta	30495	5	Hope Ranch coast	128-H			Mohnian			
10321	Santa Barbara	Goleta	30495	7	Hope Ranch coast	128-H			Mohnian			
10322	Santa Barbara	Goleta	30495	10	Hope Ranch coast	128-H			Mohnian			
10323	Santa Barbara	Goleta	30495	11	Hope Ranch coast	128-H			Mohnian			
10324	Santa Barbara	Goleta	30495	13	Hope Ranch coast	128-H			Mohnian			
10325	Santa Barbara	Goleta	30495	14	Hope Ranch coast	128-H			Mohnian			
10326	Santa Barbara	Goleta	30495	15	Hope Ranch coast	128-H			Mohnian			
10327	Santa Barbara	Goleta	30495	16	Hope Ranch coast	128-H			Mohnian			
10328	Santa Barbara	Goleta	101	"1-2"	San Pedro Creek	44-H	auger	see loc #74	Saucesian			
10329	Santa Barbara	Goleta	101	"1-5"	San Pedro Creek	44-H	auger	strat column	Saucesian			
10330	Santa Barbara	Goleta	101	"1-10"	San Pedro Creek	44-H	auger	strat column	Saucesian			
10331	Santa Barbara	Goleta	101	"2-5"	San Pedro Creek	44-H	auger	strat column	Saucesian			
10332	Santa Barbara	Goleta	101	"1-15"	San Pedro Creek	44-H	auger	strat column	Saucesian			
10333	Santa Barbara	Goleta	101	"1-20"	San Pedro Creek	44-H	auger	strat column	Saucesian			
10334	Santa Barbara	Goleta	101	"2-10"	San Pedro Creek	44-H	auger	strat column	Saucesian			
10335	Santa Barbara	Goleta	101	"2-15"	San Pedro Creek	44-H	auger	strat column	Saucesian			
10336	Santa Barbara	Goleta	101	"3-5"	San Pedro Creek	44-H	auger	strat column	Saucesian			
10337	Santa Barbara	Goleta	101	"3-10"	San Pedro Creek	44-H	auger	strat column	Saucesian			
10338	Santa Barbara	Goleta	101	"3-15"	San Pedro Creek	44-H	auger	strat column	Saucesian			
10339	Santa Barbara	Goleta	101	"4-5"	San Pedro Creek	44-H	auger	strat column	Saucesian			
10340	Santa Barbara	Goleta	101	"6-5"	San Pedro Creek	44-H	auger	strat column	Saucesian			
10341	Santa Barbara	Goleta	101	"6-10"	San Pedro Creek	44-H	auger	strat column	Saucesian			
10342	Santa Barbara	Goleta	101	"6-15"	San Pedro Creek	44-H	auger	strat column	Saucesian			
10343	Santa Barbara	Goleta	101	1A	San Pedro Creek	44-H	auger	strat column	Saucesian			
10344	Santa Barbara	Goleta	101	1B	San Pedro Creek	44-H	auger	strat column	Saucesian			
10345	Santa Barbara	Goleta	101	102A	San Pedro Creek	44-H	auger	strat column	Saucesian			
10346	Santa Barbara	Goleta	101	104B	San Pedro Creek	44-H	auger	strat column	Saucesian			
10347	Santa Barbara	Goleta	101	103B	San Pedro Creek	44-H	auger	strat column	Saucesian			
10348	Santa Barbara	Goleta	101	102B	San Pedro Creek	44-H	auger	strat column	Saucesian			
10349	Santa Barbara	Goleta	101	105A	San Pedro Creek	44-H	auger	strat column	Saucesian			
10350	Santa Barbara	Goleta	101	105B	San Pedro Creek	44-H	auger	strat column	Saucesian			
10351	Santa Barbara	Goleta	101	104A	San Pedro Creek	44-H	auger	strat column	Saucesian			
10352	Kern	Grapevine	5375		Near BM 1795	86-C			no paleo info	Webb		
10353	Kern	Grapevine	5376		Near BM 1795	86-C			no paleo info	Webb		
10354	Kern	Grapevine	5377		Near BM 1795	86-C			no paleo info	Webb		
10355	Kern	Grapevine	5379		Salt Creek	84-J			no paleo info			
10356	Kern	Grapevine	5380		Salt Creek	84-J			no paleo info			
10357	Kern	Grapevine	5394		Near BM 1795	86-C			no paleo info	Webb		
10358	Kern	Grapevine	5396		Near BM 1795	86-C			no paleo info	Webb		
10359	Kern	Grapevine	8760		Grapevine Canyon	E-4			no paleo info			
10360	Kern	Grapevine	8762		Grapevine Canyon	E-4			no paleo info			
10361	Kern	Grapevine	8763		Grapevine Canyon	E-4			no paleo info			
10362	Kern	Grapevine	8764		Grapevine Canyon	E-4			no paleo info			
10363	Kern	Grapevine	22398	1	S of Grapevine	7-K			no paleo info			
10364	Kern	Grapevine	22753	1	Tecuya Creek	179-A			no paleo info			
10365	Kern	Grapevine	22753	2	Tecuya Creek	179-A			no paleo info			
10366	Kern	Grapevine	22753	3	Tecuya Creek	179-A			Saucesian?			
10367	Kern	Grapevine	22758		Pleito Hills	179-A			no paleo info			
10368	Kern	Grapevine	22764		E of Tecuya Creek	188-C			no paleo info			
10369	Kern	Grapevine	22765		E of Tecuya Creek	188-C			no paleo info			
10370	Kern	Grapevine	22766		E of Tecuya Creek	188-C			no paleo info			
10371	Kern	Grapevine	22767		E of Tecuya Creek	188-C			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		
10372	Kern	Grapevine	22769		Grapevine Cyn	188-C				no paleo info		
10373	Kern	Grapevine	22770		At Grapevine	188-C				no paleo info		
10374	Kern	Grapevine	22777		At Grapevine	188-C				no paleo info		
10375	Kern	Grapevine	22792	1	W of Tecuya Ck	197-L				Eocene/Miocene		
10376	Kern	Grapevine	22793	1	No Name Cyn	197-L				Eocene/Miocene		
10377	Kern	Grapevine	22793	2	No Name Cyn	197-L				Eocene/Miocene		
10378	Kern	Grapevine	22793	3	No Name Cyn	197-L		area K-15		Eocene/Miocene		
10379	Kern	Grapevine	22793	4	No Name Cyn	197-L				Eocene/Miocene		
10380	Kern	Grapevine	22793	5	No Name Cyn	197-L				Eocene/Miocene		
10381	Kern	Grapevine	22793	16	No Name Cyn	197-L				Eocene/Miocene		
10382	Kern	Grapevine	22793	18	No Name Cyn	197-L				Eocene/Miocene		
10383	Kern	Grapevine	22793	20	No Name Cyn	197-L				Eocene/Miocene		
10384	Kern	Grapevine	22793	22	No Name Cyn	197-L				Eocene/Miocene		
10385	Kern	Grapevine	23504	6	Grapevine Canyon	190-B	type Metralia but	faunas poor		prob U Eocene		
10386	Kern	Grapevine	23504	7	Grapevine Canyon	190-B	Have strat column			prob U Eocene		
10387	Kern	Grapevine	23504	8	Grapevine Canyon	190-B				prob U Eocene		
10388	Kern	Grapevine	23504	20	Grapevine Canyon	190-B				prob U Eocene		
10389	Kern	Grapevine	23504	24	Grapevine Canyon	190-B				prob U Eocene		
10390	Kern	Grapevine	23504	29	Grapevine Canyon	190-B				prob U Eocene		
10391	Kern	Grapevine	23504	31	Grapevine Canyon	190-B				prob U Eocene		
10392	Kern	Grapevine	23504	32	Grapevine Canyon	190-B				prob U Eocene		
10393	Kern	Grapevine	23504	33	Grapevine Canyon	190-B				prob U Eocene		
10394	Kern	Grapevine	23504	34	Grapevine Canyon	190-B				prob U Eocene		
10395	Kern	Grapevine	23504	37	Grapevine Canyon	190-B				prob U Eocene		
10396	Kern	Grapevine	23504	39A	Grapevine Canyon	190-B				prob U Eocene		
10397	Kern	Grapevine	23504	39B	Grapevine Canyon	190-B				prob U Eocene		
10398	Kern	Grapevine	23504	40A	Grapevine Canyon	190-B				prob U Eocene		
10399	Kern	Grapevine	23505	9	Grapevine Canyon	190-B	type Tejon but	faunas poor		prob M Eocene		
10400	Kern	Grapevine	23505	10A	Grapevine Canyon	190-B	Have strat column			prob M Eocene		
10401	Kern	Grapevine	23505	13	Grapevine Canyon	190-B				prob M Eocene		
10402	Kern	Grapevine	23505	15	Grapevine Canyon	190-B				prob M Eocene		
10403	Kern	Grapevine	23505	18	Grapevine Canyon	190-B				prob M Eocene		
10404	Kern	Grapevine	23505	20	Grapevine Canyon	190-B				prob M Eocene		
10405	Kern	Grapevine	23505	22	Grapevine Canyon	190-B				prob M Eocene		
10406	Kern	Grapevine	23505	23	Grapevine Canyon	190-B				prob M Eocene		
10407	Kern	Grapevine	23505	26	Grapevine Canyon	190-B				prob M Eocene		
10408	Kern	Grapevine	23505	28	Grapevine Canyon	190-B				prob M Eocene		
10409	Kern	Grapevine	23505	29A	Grapevine Canyon	190-B				prob M Eocene		
10410	Kern	Grapevine	23505	29B	Grapevine Canyon	190-B				prob M Eocene		
10411	Los Angeles	Green Valley	6260		S Francisquito Cyn	54-I				no paleo info		
10412	Los Angeles	Green Valley	6260	A	S Francisquito Cyn	54-I				no paleo info		
10413	Los Angeles	Green Valley	6262		S Francisquito Cyn	54-I				no paleo info		
10414	Santa Barbara	Guadalupe	1735		SW part of quad	69-B	Point Sal 15'			no paleo info	Newbill	
10415	Santa Barbara	Guadalupe	1736		SW part of quad	69-B	Point Sal 15'			no paleo info	Newbill	
10416	Mendocino	Gualala	3726	1	Nr Steens Landing	167-N				Eocene	Morris &	
10417	Mendocino	Gualala	3726	2	Nr Steens Landing	167-N				Eocene	Morris &	
10418	Mendocino	Gualala	3726		Nr Steens Landing	167-N				Eocene	Morris &	
10419	Mendocino	Gualala	3727		Nr Steens Landing	118-M				not diagnostic	Morris &	
10420	Mendocino	Gualala	13313		Stick Rock Creek	142-H				no paleo info	Hardy	
10421	Mendocino	Gualala	13313	8	Stick Rock Creek	142-H				no paleo info	Hardy	
10422	Mendocino	Gualala	13331		Schooner Gulch	142-H	Pt Arena 15'			no paleo info	Hardy	
10423	Mendocino	Gualala	13331	C	Schooner Gulch	142-H	Pt Arena 15'			no paleo info	Hardy	
10424	Mendocino	Gualala	13331	D	Schooner Gulch	142-H	Pt Arena 15'			no paleo info	Hardy	
10425	Mendocino	Gualala	13741	805	E of Brooks Field	53-D				see Went thesis	Wentworth	
10426	Mendocino	Gualala	13742	811	E of Brooks Field	53-D				see Went thesis	Wentworth	
10427	Mendocino	Gualala	13743	813	N of Brooks Field	53-D				see Went thesis	Wentworth	
10428	Mendocino	Gualala	13744	814	N of Brooks Field	53-D				see Went thesis	Wentworth	
10429	Mendocino	Gualala	13745	823	SW of Wildwood R	53-D				see Went thesis	Wentworth	
10430	Mendocino	Gualala	13746	826	SW of Wildwood R	53-D				see Went thesis	Wentworth	
10431	Mendocino	Gualala	13747	828	W of Fleming Ck	53-D				see Went thesis	Wentworth	
10432	Mendocino	Gualala	13748	853	Fish Rock Gulch	53-D				see Went thesis	Wentworth	
10433	Mendocino	Gualala	13749	855	Fish Rock Gulch	53-D				see Went thesis	Wentworth	
10434	Sonoma	Gualala	13750	907	Gualala River	53-D				see Went thesis	Wentworth	
10435	Mendocino	Gualala	13751	923	S of Brooks Field	53-D				see Went thesis	Wentworth	
10436	Mendocino	Gualala	13752	924	S of Hall Gulch	53-D				see Went thesis	Wentworth	
10437	Mendocino	Gualala	13753	1001	Fish Rock Beach	53-D		NP age	U Cret E zone		Wentworth	
10438	Mendocino	Gualala	13754	1002	NW of Steens Lnd	53-D		NP age	Early Tertiary		Wentworth	
10439	Mendocino	Gualala	22223	4	Iverson Road	233-G	auger line			Eocene	Christen.	
10440	Mendocino	Gualala	22223	5A	Iverson Road	233-G	auger line			Eocene	Christen.	
10441	Mendocino	Gualala	22223	14	Iverson Road	233-G	auger line			Eocene	Christen.	
10442	Mendocino	Gualala	22224	12A	Brush Opening Rd	233-G	auger line			Eocene	Christen.	
10443	Mendocino	Gualala	22224	13A	Brush Opening Rd	233-G	auger line			Eocene	Christen.	
10444	Mendocino	Gualala	22224	22A	Brush Opening Rd	233-G	auger line			Eocene	Christen.	
10445	Mendocino	Gualala	22265	4	Steens Landing	233-H	Point Arena 15'			no paleo info		
10446	Mendocino	Gualala	22265	5	Steens Landing	233-H	Point Arena 15'	Eocene NP		Eocene pollen		
10447	Mendocino	Gualala	22265	6	Steens Landing	233-H	Point Arena 15'			no paleo info		
10448	Mendocino	Gualala	22266	1	Steens Landing	233-H	Point Arena 15'			Cret/Paleoc pollen		
10449	Mendocino	Gualala	22266	2	Steens Landing	233-H	Point Arena 15'			no paleo info		
10450	Mendocino	Gualala	22266	3	Steens Landing	233-H	Point Arena 15'			no paleo info		
10451	Mendocino	Gualala	22266	4	Steens Landing	233-H	Point Arena 15'	NP age		Lower Eocene		
10452	Mendocino	Gualala	22276	1	WC part of quad	233-H	Point Arena 15'			no paleo info		
10453	Mendocino	Gualala	22276	2	WC part of quad	233-H	Point Arena 15'			no paleo info		
10454	Mendocino	Gualala	22276	3	WC part of quad	233-H	Point Arena 15'			no paleo info		
10455	Mendocino	Gualala	22277	1	Steens Landing	233-H	Point Arena 15'			no paleo info		
10456	Mendocino	Gualala	22277	3	Steens Landing	233-H	Point Arena 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		
10457	Mendocino	Gualala	22277	4	Steens Landing	233-H	Point Arena 15'		no paleo info			
10458	Sonoma	Gualala	22283	1	Highway 1	233-I	Point Arena 15'		no paleo info			
10459	Sonoma	Gualala	22283	3	Highway 1	233-I	Point Arena 15'		no paleo info			
10460	Sonoma	Gualala	22283	4	Highway 1	233-I	Point Arena 15'		no paleo info			
10461	Sonoma	Gualala	22283	5	Highway 1	233-I	Point Arena 15'		no paleo info			
10462	Sonoma	Gualala	22283	6	Highway 1	233-I	Point Arena 15'		no paleo info			
10463	Yolo	Guinda	178	2	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
10464	Yolo	Guinda	178	3	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
10465	Yolo	Guinda	178	4	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
10466	Yolo	Guinda	178	5	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
10467	Yolo	Guinda	178	6	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
10468	Yolo	Guinda	178	7	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
10469	Yolo	Guinda	178	9	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
10470	Yolo	Guinda	178	10	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
10471	Yolo	Guinda	178	11	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
10472	Yolo	Guinda	178	12	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
10473	Yolo	Guinda	178	14	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
10474	Yolo	Guinda	178	15	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
10475	Yolo	Guinda	178	16	Guinda	150-F	Dunnigan Ck	strat column	U Cret F-2 zone	Solari		
10476	Yolo	Guinda	178	17	Guinda	150-F	Dunnigan Ck	strat column	U Cret indefinite	Solari		
10477	Yolo	Guinda	623		Capay valley	A-8	Smith Canyon		Eocene	Kirby		
10478	Yolo	Guinda	995	1	type Capay area?	84-G	Smith Canyon	not on map	barren	Lewis &		
10479	Yolo	Guinda	995	3	type Capay area?	84-G	Smith Canyon	not on map	barren	Lewis &		
10480	Yolo	Guinda	995	5	type Capay area?	84-G	Smith Canyon	not on map	Upper Cretaceous	Lewis &		
10481	Yolo	Guinda	995	8	type Capay area?	84-G	Smith Canyon	not on map	not diagnostic	Lewis &		
10482	Yolo	Guinda	995	9	type Capay area?	84-G	Smith Canyon	not on map	not diagnostic	Lewis &		
10483	Yolo	Guinda	995	11	type Capay area?	84-G	Smith Canyon	not on map	not diagnostic	Lewis &		
10484	Yolo	Guinda	995	12	type Capay area?	84-G	Smith Canyon	not on map	not diagnostic	Lewis &		
10485	Yolo	Guinda	995	13	type Capay area?	84-G	Smith Canyon	not on map	Lower Eocene	Lewis &		
10486	Yolo	Guinda	995	14B	type Capay area?	84-G	Smith Canyon	not on map	barren	Lewis &		
10487	Yolo	Guinda	1120	2	Wildcat Ck area	151-H	Guinda 15'	25/12N/2W	U Cret F-1 zone			
10488	Yolo	Guinda	1120	3	Wildcat Ck area	151-H	Guinda 15'	Have strat	U Cret F-1 zone			
10489	Yolo	Guinda	1120	4	Wildcat Ck area	151-H	Guinda 15'	column	U Cret F-1 zone			
10490	Yolo	Guinda	1120	5	Wildcat Ck area	151-H	Guinda 15'		U Cret F-1 zone			
10491	Yolo	Guinda	1120	6	Wildcat Ck area	151-H	Guinda 15'		U Cret F-1 zone			
10492	Yolo	Guinda	1120	7	Wildcat Ck area	151-H	Guinda 15'		U Cret F-1 zone			
10493	Yolo	Guinda	1120	8	Wildcat Ck area	151-H	Guinda 15'		U Cret F-1 zone			
10494	Yolo	Guinda	1120	9	Wildcat Ck area	151-H	Guinda 15'		U Cret F-2 zone			
10495	Yolo	Guinda	1120	10	Wildcat Ck area	151-H	Guinda 15'		U Cret F-2 zone			
10496	Yolo	Guinda	1121	9	Tut Canyon	151-H	Guinda 15'		not diagnostic			
10497	Yolo	Guinda	1121	10	Tut Canyon	151-H	Guinda 15'		U Cret F-2 zone			
10498	Yolo	Guinda	1121	11	Tut Canyon	151-H	Guinda 15'		not diagnostic			
10499	Yolo	Guinda	1121	12	Tut Canyon	151-H	Guinda 15'		not diagnostic			
10500	Yolo	Guinda	1121	13	Tut Canyon	151-H	Guinda 15'		not diagnostic			
10501	Yolo	Guinda	1121	14	Tut Canyon	151-H	Guinda 15'		not diagnostic			
10502	Yolo	Guinda	1121	15	Tut Canyon	151-H	Guinda 15'		not diagnostic			
10503	Yolo	Guinda	1124	1	Capay Hills	151-I	Guinda 15'	13/11N/3W	not diagnostic			
10504	Yolo	Guinda	1124	2	Capay Hills	151-I	Guinda 15'	Have strat	not diagnostic			
10505	Yolo	Guinda	1124	5	Capay Hills	151-I	Guinda 15'	column	not diagnostic			
10506	Yolo	Guinda	1125	4	Sulphur Springs	151-I	Guinda 15'	7/11N/2W	not diagnostic			
10507	Yolo	Guinda	1125	5	Sulphur Springs	151-I	Guinda 15'	Have strat	not diagnostic			
10508	Yolo	Guinda	1126	2	Wood Canyon	151-I	Guinda 15'	12/11N/3W	not diagnostic			
10509	Yolo	Guinda	1126	3	Wood Canyon	151-I	Guinda 15'	Have strat	not diagnostic			
10510	Yolo	Guinda	1126	4	Wood Canyon	151-I	Guinda 15'	column	not diagnostic			
10511	Yolo	Guinda	1126	6	Wood Canyon	151-I	Guinda 15'		not diagnostic			
10512	Yolo	Guinda	1126	7	Wood Canyon	151-I	Guinda 15'		not diagnostic			
10513	Yolo	Guinda	1126	8	Wood Canyon	151-I	Guinda 15'		not diagnostic			
10514	Yolo	Guinda	1126	9	Wood Canyon	151-I	Guinda 15'		not diagnostic			
10515	Yolo	Guinda	1127	4	Little Salt Canyon	151-I	Guinda 15'	1/11N/3W	not diagnostic			
10516	Yolo	Guinda	1127	6	Little Salt Canyon	151-I	Guinda 15'	Have strat	Upper Cret F-1?			
10517	Yolo	Guinda	1127	7	Little Salt Canyon	151-I	Guinda 15'	column	UpperCret F-1?			
10518	Yolo	Guinda	1127	8	Little Salt Canyon	151-I	Guinda 15'	6/11N/3W	not diagnostic			
10519	Yolo	Guinda	1127	10	Little Salt Canyon	151-I	Guinda 15'		barren			
10520	Yolo	Guinda	1127	11	Little Salt Canyon	151-I	Guinda 15'		not diagnostic			
10521	Yolo	Guinda	1127	12	Little Salt Canyon	151-I	Guinda 15'	6/11N/1W	Upper Cret F-1?			
10522	Yolo	Guinda	1128	2	Gibbs Spring area	151-K	Guinda 15'	7/11N/3W	U Cret G-1 zone			
10523	Yolo	Guinda	1128	3	Gibbs Spring area	151-K	Guinda 15'		not diagnostic			
10524	Yolo	Guinda	1128	4	Gibbs Spring area	151-K	Guinda 15'		U Cret G-1 zone			
10525	Yolo	Guinda	1128	5	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	U Cret G-1 zone			
10526	Yolo	Guinda	1128	6	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	U Cret G-1 zone			
10527	Yolo	Guinda	1128	7	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	U Cret G-1 zone			
10528	Yolo	Guinda	1128	8	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	U Cret G-1 zone			
10529	Yolo	Guinda	1128	9	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	U Cret G-1 zone			
10530	Yolo	Guinda	1128	10	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	U Cret G-1 zone			
10531	Yolo	Guinda	1128	11	Gibbs Spring area	151-K	Guinda 15'	12/11N/3W	U Cret G-1 zone			
10532	Yolo	Guinda	11135	2	Mushoak Creek	151-F	Guinda 15'	area D-9	U Cret F-1 zone	Welge		
10533	Yolo	Guinda	11135	4	Mushoak Creek	151-F	Guinda 15'	have strat	U Cret F-1 zone	Welge		
10534	Yolo	Guinda	11135	5	Mushoak Creek	151-F	Guinda 15'	column	U Cret F-1 zone	Welge		
10535	Yolo	Guinda	11135	6	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
10536	Yolo	Guinda	11135	7	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
10537	Yolo	Guinda	11135	8	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
10538	Yolo	Guinda	11135	9	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
10539	Yolo	Guinda	11135	10	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
10540	Yolo	Guinda	11135	11	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
10541	Yolo	Guinda	11135	12	Mushoak Creek	151-F	Guinda 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	ZONE/SERIES/AG	COLLECTORS		
10542	Yolo	Guinda	11135	13	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
10543	Yolo	Guinda	11135	14	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
10544	Yolo	Guinda	11135	15	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
10545	Yolo	Guinda	11135	16	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
10546	Yolo	Guinda	11135	17	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
10547	Yolo	Guinda	11135	18	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
10548	Yolo	Guinda	11135	19	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
10549	Yolo	Guinda	11135	20	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
10550	Yolo	Guinda	11135	21	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
10551	Yolo	Guinda	11135	22	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
10552	Yolo	Guinda	11135	23	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
10553	Yolo	Guinda	11135	24	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
10554	Yolo	Guinda	11135	25	Mushoak Creek	151-F	Guinda 15'		U Cret F-1 zone	Welge		
10555	Yolo	Guinda	11135	26	Mushoak Creek	151-F	Guinda 15'		U Cret F-2 zone	Welge		
10556	Yolo	Guinda	11135	27	Mushoak Creek	151-F	Guinda 15'		U Cret G-1 zone	Welge		
10557	Yolo	Guinda	11139	20	Buckeye Creek	151-G	Guinda 15'		Upper Cretaceous	Welge		
10558	Yolo	Guinda	11139	21	Buckeye Creek	151-G	Guinda 15'		Upper Cretaceous	Welge		
10559	Yolo	Guinda	11139	22	Buckeye Creek	151-G	Guinda 15'		Upper Cretaceous	Welge		
10560	San Mateo	Half Moon Bay	414	P1	Purisima Creek	92-C	strat column	near loc 4593	Lower Miocene			
10561	San Mateo	Half Moon Bay	414	P3	Purisima Creek	92-C	strat column		Lower Miocene			
10562	San Mateo	Half Moon Bay	707	1	along Lobitos Ck	139-C		Good example	Pliocene	Classen		
10563	San Mateo	Half Moon Bay	707	1A	along Lobitos Ck	139-C	feet NE of town of	of forams from	Pliocene	Classen		
10564	San Mateo	Half Moon Bay	707	4	along Lobitos Ck	139-C	Lobitos and ends at	Purisima Fm	Pliocene	Classen		
10565	San Mateo	Half Moon Bay	707	5	along Lobitos Ck	139-C	Martins Beach		Pliocene	Classen		
10566	San Mateo	Half Moon Bay	707	6	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10567	San Mateo	Half Moon Bay	707	7	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10568	San Mateo	Half Moon Bay	707	8	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10569	San Mateo	Half Moon Bay	707	9	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10570	San Mateo	Half Moon Bay	707	10	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10571	San Mateo	Half Moon Bay	707	12	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10572	San Mateo	Half Moon Bay	707	13	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10573	San Mateo	Half Moon Bay	707	14	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10574	San Mateo	Half Moon Bay	707	18	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10575	San Mateo	Half Moon Bay	707	20	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10576	San Mateo	Half Moon Bay	707	21	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10577	San Mateo	Half Moon Bay	707	22	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10578	San Mateo	Half Moon Bay	707	23	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10579	San Mateo	Half Moon Bay	707	25	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10580	San Mateo	Half Moon Bay	707	26	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10581	San Mateo	Half Moon Bay	707	29	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10582	San Mateo	Half Moon Bay	707	30	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10583	San Mateo	Half Moon Bay	707	31	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10584	San Mateo	Half Moon Bay	707	32	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10585	San Mateo	Half Moon Bay	707	34	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10586	San Mateo	Half Moon Bay	707	35	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10587	San Mateo	Half Moon Bay	707	36	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10588	San Mateo	Half Moon Bay	707	37	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10589	San Mateo	Half Moon Bay	707	38	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10590	San Mateo	Half Moon Bay	707	39	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10591	San Mateo	Half Moon Bay	707	40	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10592	San Mateo	Half Moon Bay	707	41	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10593	San Mateo	Half Moon Bay	707	42	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10594	San Mateo	Half Moon Bay	707	43	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10595	San Mateo	Half Moon Bay	707	44	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10596	San Mateo	Half Moon Bay	707	45	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10597	San Mateo	Half Moon Bay	707	46	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10598	San Mateo	Half Moon Bay	707	47	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10599	San Mateo	Half Moon Bay	707	48	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10600	San Mateo	Half Moon Bay	707	49	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10601	San Mateo	Half Moon Bay	707	50	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10602	San Mateo	Half Moon Bay	707	51	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10603	San Mateo	Half Moon Bay	707	52	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10604	San Mateo	Half Moon Bay	707	53	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10605	San Mateo	Half Moon Bay	707	54	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10606	San Mateo	Half Moon Bay	707	55	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10607	San Mateo	Half Moon Bay	707	56	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10608	San Mateo	Half Moon Bay	707	57	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10609	San Mateo	Half Moon Bay	707	slide 1	along Lobitos Ck	139-C	Purisima anticline		Pliocene	Classen		
10610	San Mateo	Half Moon Bay	4588		Digges Canyon	123-E			Luisian	Starke		
10611	San Mateo	Half Moon Bay	4589		Madonna Creek	123-E			Luisian	Starke		
10612	San Mateo	Half Moon Bay	5911		Pilarcitos Creek	137-N			Luisian	Kraestch		
10613	San Mateo	Half Moon Bay	5912		Pilarcitos Creek	137-N	22/5S/5W (SLP)		Luisian	Kraestch		
10614	San Mateo	Half Moon Bay	5913		Pilarcitos Creek	137-N			Luisian	Kraestch		
10615	San Mateo	Half Moon Bay	5976		Schoolhouse Cree	147-A			Eocene?	Kraestch		
10616	San Mateo	Half Moon Bay	5980		near BM 216	147-A			not diagnostic	Kraestch		
10617	San Mateo	Half Moon Bay	5980	RS	near BM 216	147-A			poss Luisian	Kraestch		
10618	San Mateo	Half Moon Bay	7056		NE corner quad	91-F	14/5S/5W (SLP)		Zemorrian	Kraestch		
10619	San Mateo	Half Moon Bay	7057		W of Digges Cyn	91-F	17/5S/5W (SLP)		Zemorrian	Kraestch		
10620	San Mateo	Half Moon Bay	7058		W of Digges Cyn	91-F	17/5S/5W (SLP)		not diagnostic	Kraestch		
10621	San Mateo	Half Moon Bay	7059		W of Digges Cyn	91-F	17/5S/5W (SLP)		Zemorrian	Kraestch		
10622	San Mateo	Half Moon Bay	7060		W of Digges Cyn	91-F	17/5S/5W (SLP)		not diagnostic	Kraestch		
10623	San Mateo	Half Moon Bay	7079		Lobitos Creek	91-F			barren	Starke		
10624	San Mateo	Half Moon Bay	7088		W of Nuff Creek	91-F	23/5S/5W (SLP)		poss Mohnian	Kraestch		
10625	San Mateo	Half Moon Bay	7300		Madonna Creek	147-A	27/5S/5W		Lower Mohnian	Kraestch		
10626	San Mateo?	Half Moon Bay	7304		not on map	147-A	23/5S/5W (SLP)		Saucesian	Kraestch		

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		
10627	San Mateo	Half Moon Bay	7310		not on map	147-A	22/5S/5W (SLP)		Lower Miocene	Kraetsch		
10628	San Mateo	Half Moon Bay	7311		Madonna Creek	147-A			Lower Miocene	Kraetsch		
10629	San Mateo	Half Moon Bay	8892		Madonna Creek	147-F	27/5S/5W (SLP)		not diagnostic	Flège		
10630	San Mateo	Half Moon Bay	11152		not on map	27-M	28/5S/5W (SLP)	SLURP age	Luisian	Classen		
10631	San Mateo	Half Moon Bay	24070		Martins Beach	99-F	27/6S/5W (SLP)		Pliocene			
10632	Monterey	Hames Valley	7230		Garrissere Cyn	86-M	Bradley 15'		no			
10633	Monterey	Hames Valley	7231		Garrissere Cyn	86-M	Bradley 15'					
10634	Monterey	Hames Valley	8960		SW part of quad	141-N			no paleo info			
10635	Monterey	Hames Valley	23163	K	NW part quad	252-A		age from map	Upper Miocene	Miller		
10636	Monterey	Hames Valley	23163	L	NW part quad	252-A		age from map	barren	Miller		
10637	Monterey	Hames Valley	23279		SW corner of quad	252-E		age from map	Middle Miocene	Gregory		
10638	Monterey	Hames Valley?	8958		not on map	141-N			no paleo info			
10639	San Benito	Hepседem Peak	343	1	James Canyon	71-A	Hernandez 15'	not on map	Upper Delmontian	Reed &		
10640	San Benito	Hepседem Peak	343	2	James Canyon	71-A	Hernandez 15'	but have	Upper Delmontian	Reed &		
10641	San Benito	Hepседem Peak	343	3	James Canyon	71-A	Hernandez 15'	strat column	Upper Delmontian	Reed &		
10642	San Benito	Hepседem Peak	343	4	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10643	San Benito	Hepседem Peak	343	5	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10644	San Benito	Hepседem Peak	343	5g	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10645	San Benito	Hepседem Peak	343	6	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10646	San Benito	Hepседem Peak	343	7	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10647	San Benito	Hepседem Peak	343	8	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10648	San Benito	Hepседem Peak	343	9	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10649	San Benito	Hepседem Peak	343	10	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10650	San Benito	Hepседem Peak	343	11	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10651	San Benito	Hepседem Peak	343	12	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10652	San Benito	Hepседem Peak	343	13	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10653	San Benito	Hepседem Peak	343	14	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10654	San Benito	Hepседem Peak	343	15	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10655	San Benito	Hepседem Peak	343	16	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10656	San Benito	Hepседem Peak	343	18	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10657	San Benito	Hepседem Peak	343	19	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10658	San Benito	Hepседem Peak	343	20	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10659	San Benito	Hepседem Peak	343	21	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10660	San Benito	Hepседem Peak	343	22	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10661	San Benito	Hepседem Peak	343	23	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10662	San Benito	Hepседem Peak	343	24	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10663	San Benito	Hepседem Peak	343	25	James Canyon	71-A	Hernandez 15'		Upper Delmontian	Reed &		
10664	San Benito	Hernandez Reservoir	22403		Lopez Creek	244-J	Hernandez Vly 15'		no paleo info			
10665	San Benito	Hernandez Reservoir	22404	1	Lopez Creek	244-J	Hernandez Vly 15'		no paleo info			
10666	San Benito	Hernandez Reservoir	22404	2	Lopez Creek	244-J	Hernandez Vly 15'		no paleo info			
10667	San Benito	Hernandez Reservoir	22404	4	Lopez Creek	244-J	Hernandez Vly 15'		no paleo info			
10668	San Benito	Hernandez Reservoir	22404	5	Lopez Creek	244-J	Hernandez Vly 15'		no paleo info			
10669	San Benito	Hernandez Reservoir	22404	6	Lopez Creek	244-J	Hernandez Vly 15'		no paleo info			
10670	Santa Barbara	Hildreth Peak	4901		SW corner of quad	19-F	Gibraltar Dam 15'	nice fauna	no paleo info			
10671	Santa Barbara	Hildreth Peak	11619		Camuesa	79-K	Gibraltar Dam 15'		Lower Mohnian	Kraetsch		
10672	Santa Barbara	Hildreth Peak	11620		Camuesa	79-K	Gibraltar Dam 15'		not diagnostic	Kraetsch		
10673	Los Angeles	Holland Canyon	8990	5	SW corner of quad	79-N	Orchard Peak 15'		Miocene			
10674	San Luis Obispo	Holland Canyon	8994		Holland Canyon	155-N	Orchard Peak 15'	abun ostracod	barren of forams	Ayres		
10675	San Luis Obispo	Holland Canyon	9400		Hughes Canyon	142-E	reworked forams &	ostracods	Pliocene?	Bolen		
10676	San Luis Obispo	Holland Canyon	9401		Holland Canyon	142-E	Orchard peak 15'	reworked	Pliocene?	Bolen		
10677	Los Angeles	Hollywood	388	53	EC part of quad	58-K	storm tunnel	Good faunas	no ages provided			
10678	Los Angeles	Hollywood	388	60	EC part of quad	58-K	see also Los	with lists of	no ages provided			
10679	Los Angeles	Hollywood	388	68	EC part of quad	58-K	Angeles 7.5'	genera. Many	no ages provided			
10680	Los Angeles	Hollywood	388	69	EC part of quad	58-K		more faunas	no ages provided			
10681	Los Angeles	Hollywood	388	68	EC part of quad	58-K		were examined	no ages provided			
10682	Los Angeles	Hollywood	388	56	EC part of quad	58-K		but no slides	no ages provided			
10683	Los Angeles	Hollywood	388	82	EC part of quad	58-K		provided.	no ages provided			
10684	Los Angeles	Hollywood	388	83	EC part of quad	58-K			no ages provided			
10685	Los Angeles	Hollywood	388	70	EC part of quad	58-K			no ages provided			
10686	Los Angeles	Hollywood	388	71	EC part of quad	58-K			no ages provided			
10687	Los Angeles	Hollywood	388	72	EC part of quad	58-K			no ages provided			
10688	Los Angeles	Hollywood	388	72	EC part of quad	58-K			no ages provided			
10689	Los Angeles	Hollywood	400	10A	NE part of quad	59-A			no paleo info			
10690	Los Angeles	Hollywood	400	11C	NE part of quad	59-A			no paleo info			
10691	Los Angeles	Hollywood	400	4A	NE part of quad	59-A			no paleo info			
10692	Los Angeles	Hollywood	400	4B	NE part of quad	59-A			no paleo info			
10693	Los Angeles	Hollywood	400	SCD4A	NE part of quad	59-A			no paleo info			
10694	Los Angeles	Hollywood	400	SCD5	NE part of quad	59-A			no paleo info			
10695	Los Angeles	Hollywood	400	SCD4D	NE part of quad	59-A			no paleo info			
10696	Los Angeles	Hollywood	400	5C	NE part of quad	59-A			no paleo info			
10697	Los Angeles	Hollywood	400	*5E1	NE part of quad	59-A			no paleo info			
10698	Los Angeles	Hollywood	400	5D	NE part of quad	59-A			no paleo info			
10699	Los Angeles	Hollywood	400	22	NE part of quad	59-A			no paleo info			
10700	Los Angeles	Hollywood	400	24	NE part of quad	59-A			no paleo info			
10701	Los Angeles	Hollywood	400	22B	NE part of quad	59-A			no paleo info			
10702	Los Angeles	Hollywood	400	39	NE part of quad	59-A			no paleo info			
10703	Los Angeles	Hollywood	400	42	NE part of quad	59-A			no paleo info			
10704	Los Angeles	Hollywood	400	43	NE part of quad	59-A			no paleo info			
10705	Los Angeles	Hollywood	9241		NW of Atwater	80-B			Lower Mohnian			
10706	Siskiyou	Hornbrook	6995		SE part of quad	150-E	Hornbrook 15'		Eocene or Cret			
10707	Siskiyou	Hornbrook	6996		not on map	150-E	Hornbrook 15'		no paleo info			
10708	Siskiyou	Hornbrook	6998		SE part of quad	150-E	Hornbrook 15'		Cret Senonian			
10709	Siskiyou	Hornbrook	10361	1	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
10710	Siskiyou	Hornbrook	10361	2	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
10711	Siskiyou	Hornbrook	10361	3	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		

	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		
10712	Siskyou	Hornbrook	10361	4	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
10713	Siskyou	Hornbrook	10361	5	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
10714	Siskyou	Hornbrook	10361	6	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
10715	Siskyou	Hornbrook	10361	7	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
10716	Siskyou	Hornbrook	10362	1	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
10717	Siskyou	Hornbrook	10362	2	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
10718	Siskyou	Hornbrook	10362	3	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
10719	Siskyou	Hornbrook	10362	4	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
10720	Siskyou	Hornbrook	10362	5	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
10721	Siskyou	Hornbrook	10362	6	Hilt area	113-E	Hornbrook 15'	not on map	no paleo info	Barr auger		
10722	Siskyou	Hornbrook	10362	7	Hilt area	113-F	Hornbrook 15'	not on map	no paleo info	Barr auger		
10723	Siskyou	Hornbrook	10362	8	Hilt area	113-F	Hornbrook 15'	not on map	no paleo info	Barr auger		
10724	Merced	Howard Ranch	440	1A	Quinto Creek	108-C	Pacheco Pass 15'		U Cret poss D-2			
10725	Merced	Howard Ranch	440	1ARW	Quinto Creek	177-M	Pacheco Pass 15'		no paleo info			
10726	Merced	Howard Ranch	4780		near Howard Rnch	125-A	Pacheco Pass 15'	strat column	U Cret D-2 zone	Porter		
10727	Merced	Howard Ranch	4781		near Howard Rnch	125-A	Pacheco Pass 15'	age from map	U Cret C/D zones	Porter		
10728	Merced	Howard Ranch	4782		near Howard Rnch	125-A	Pacheco Pass 15'	age from map	U Cret C/D zones	Porter		
10729	Merced	Howard Ranch	4784		near Howard Rnch	125-A	Pacheco Pass 15'	age from map	U Cret C/D zones	Porter		
10730	Merced	Howard Ranch	4786		near Howard Rnch	125-A	Pacheco Pass 15'	age from map	U Cret C/D zones	Porter		
10731	Merced	Howard Ranch	4787		near Howard Rnch	125-A	Pacheco Pass 15'	age from map	U Cret C/D zones	Porter		
10732	Merced	Howard Ranch	4788		near Howard Rnch	125-A	Pacheco Pass 15'	age from map	U Cret C/D zones	Porter		
10733	Merced	Howard Ranch	4803		W of Romero	125-A	Pacheco Pass 15'	age from map	U Cret E zone	Porter		
10734	Merced	Howard Ranch	4805		W of Romero	125-A	Pacheco Pass 15'	strat column	U Cret D-2 zone	Porter		
10735	Merced	Howard Ranch	4806		W of Romero	125-A	Pacheco Pass 15'	age from map	U Cret D-2 zone	Porter		
10736	Merced	Howard Ranch	4807		W of Romero	125-A	Pacheco Pass 15'	age from map	U Cret D-2 zone	Porter		
10737	Merced	Howard Ranch	4810		W of Marshall Rd	125-A	Pacheco Pass 15'	age from map	U Cret D-2 zone	Porter		
10738	Merced	Howard Ranch	4811		W of Marshall Rd	125-A	Pacheco Pass 15'	age from map	U Cret D-2 zone	Porter		
10739	Merced	Howard Ranch	4812		near Howard Rnch	125-A	Pacheco Pass 15'	age from map	U Cret D-2 zone	Porter		
10740	Merced	Howard Ranch	4813		near Howard Rnch	125-A	Pacheco Pass 15'	age from map	poss UK D-1 zone	Porter		
10741	Merced	Howard Ranch	4843		Mustang Creek	125-A	Pacheco Pass 15'	strat column	Cretaceous	Porter		
10742	Merced	Howard Ranch	4844		Garzas Creek	125-A	Pacheco Pass 15'	strat column	Cretaceous	Porter		
10743	Merced	Howard Ranch	4845		Mustang Creek	125-A	Pacheco Pass 15'	strat column	Cretaceous	Porter		
10744	Merced	Howard Ranch	4846		Mustang Creek	125-A	Pacheco Pass 15'	strat column	Cretaceous	Porter		
10745	Merced	Howard Ranch	4847		Mustang Creek	125-A	Pacheco Pass 15'	strat column	Cretaceous	Porter		
10746	Merced	Howard Ranch	4848		Mustang Creek	125-A	Pacheco Pass 15'	strat column	Cretaceous	Porter		
10747	Merced	Howard Ranch	4850		Mustang Creek	125-A	Pacheco Pass 15'	strat column	Cretaceous	Porter		
10748	Merced	Howard Ranch	4854	12	Mustang Creek	125-A	Pacheco Pass 15'		no paleo info	Porter		
10749	Stanislaus	Howard Ranch	4880		Garzas Creek	125-B	Pacheco Pass 15'	age from map	U Cret D zone	Seiden		
10750	Stanislaus	Howard Ranch	4881		Garzas Creek	125-B	Pacheco Pass 15'	strat column	Cretaceous	Seiden		
10751	Merced	Howard Ranch	11794	256	CA Aqueduct	260-G	sa Patterson	Buchia age	Lower Cretaceous	Reber		
10752	Merced	Howard Ranch	11794	220	CA Aqueduct	260-G	sa San Luis Dam		no paleo info	Reber		
10753	Merced	Howard Ranch	11794	224	CA Aqueduct	260-G			no paleo info	Reber		
10754	Merced	Howard Ranch	11794	181	CA Aqueduct	260-G			no paleo info	Reber		
10755	Merced	Howard Ranch	11794	179	CA Aqueduct	260-G			no paleo info	Reber		
10756	Merced	Howard Ranch	11794	234	CA Aqueduct	260-G			no paleo info	Reber		
10757	Merced	Howard Ranch	11794	69	CA Aqueduct	260-G			no paleo info	Reber		
10758	Merced	Howard Ranch	11794	83	CA Aqueduct	260-G			no paleo info	Reber		
10759	Merced	Howard Ranch	11794	25	CA Aqueduct	260-G			no paleo info	Reber		
10760	Merced	Howard Ranch	11794	41.8	CA Aqueduct	260-G			no paleo info	Reber		
10761	Merced	Howard Ranch	11794	286	CA Aqueduct	260-G			no paleo info	Reber		
10762	Merced	Howard Ranch	11794	293	CA Aqueduct	260-G			no paleo info	Reber		
10763	Merced	Howard Ranch	11794	43	CA Aqueduct	260-G			no paleo info	Reber		
10764	Merced	Howard Ranch	11794	35	CA Aqueduct	260-G			no paleo info	Reber		
10765	Merced	Howard Ranch	11794	21.3	CA Aqueduct	260-G			no paleo info	Reber		
10766	Merced	Howard Ranch	11794	36	CA Aqueduct	260-G			no paleo info	Reber		
10767	Merced	Howard Ranch	11794	40	CA Aqueduct	260-G			no paleo info	Reber		
10768	Merced	Howard Ranch	11794	35	CA Aqueduct	260-G			no paleo info	Reber		
10769	Merced	Howard Ranch	11794	41.5	CA Aqueduct	260-G			no paleo info	Reber		
10770	Merced	Howard Ranch	11794	35	CA Aqueduct	260-G			no paleo info	Reber		
10771	Merced	Howard Ranch	11794	56.8	CA Aqueduct	260-G			no paleo info	Reber		
10772	Merced	Howard Ranch	11794	439	CA Aqueduct	260-G			no paleo info	Reber		
10773	Merced	Howard Ranch	11794	179	CA Aqueduct	260-G			no paleo info	Reber		
10774	Merced	Howard Ranch	11794	404	CA Aqueduct	260-G			no paleo info	Reber		
10775	Merced	Howard Ranch	11794	411	CA Aqueduct	260-G			no paleo info	Reber		
10776	Merced	Howard Ranch	20729	2	Quinto Creek	236-D	Northern SJV auger		no paleo info			
10777	Merced	Howard Ranch	20729	3	Quinto Creek	236-D	Northern SJV auger		no paleo info			
10778	Merced	Howard Ranch	20729	4	Quinto Creek	236-D	Northern SJV auger		no paleo info			
10779	Merced	Howard Ranch	20729	5	Quinto Creek	236-D	Northern SJV auger		no paleo info			
10780	Merced	Howard Ranch	20729	6	Quinto Creek	236-D	Northern SJV auger		no paleo info			
10781	Merced	Howard Ranch	20729	7	Quinto Creek	236-D	Northern SJV auger		no paleo info			
10782	Merced	Howard Ranch	20729	8	Quinto Creek	236-D	Northern SJV auger		no paleo info			
10783	Merced	Howard Ranch	20729	9	Quinto Creek	236-D	Northern SJV auger		no paleo info			
10784	Merced	Howard Ranch	20729	10	Quinto Creek	236-D	Northern SJV auger		no paleo info			
10785	Merced	Howard Ranch	20729	11	Quinto Creek	236-D	Northern SJV auger		no paleo info			
10786	Merced	Howard Ranch	20729	12	Quinto Creek	236-D	Northern SJV auger		no paleo info			
10787	Merced	Howard Ranch	20729	13	Quinto Creek	236-D	Northern SJV auger		no paleo info			
10788	Merced	Howard Ranch	20729	14	Quinto Creek	236-D	Northern SJV auger		no paleo info			
10789	Merced	Howard Ranch	20729	16	Quinto Creek	236-D	Northern SJV auger		no paleo info			
10790	Merced	Howard Ranch	20729	17	Quinto Creek	236-D	Northern SJV auger		no paleo info			
10791	Merced	Howard Ranch	20729	18	Quinto Creek	236-D	Northern SJV auger		no paleo info			
10792	Merced	Howard Ranch	20729	19	Quinto Creek	236-D	Northern SJV auger		no paleo info			
10793	Merced	Howard Ranch	20729	20	Quinto Creek	236-D	Northern SJV auger		no paleo info			
10794	Merced	Howard Ranch	20729	21	Quinto Creek	236-D	Northern SJV auger		no paleo info			
10795	Merced	Howard Ranch	20729	22	Quinto Creek	236-D	Northern SJV auger		no paleo info			
10796	Merced	Howard Ranch	20729	28	Quinto Creek	236-D	Northern SJV auger		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/AG	COLLECTORS		
10882	San Luis Obispo	Huasna Peak	51	Y16	SW part of quad	68-C	Nipomo 15'		no age provided			
10883	San Luis Obispo	Huasna Peak	51	Y17	SW part of quad	68-C	Nipomo 15'		no age provided			
10884	San Luis Obispo	Huasna Peak	51	Y18	SW part of quad	68-C	Nipomo 15'		no age provided			
10885	San Luis Obispo	Huasna Peak	51	Y19	SW part of quad	68-C	Nipomo 15'		no age provided			
10886	San Luis Obispo	Huasna Peak	51	Y22	SW part of quad	68-C	Nipomo 15'		no age provided			
10887	San Luis Obispo	Huasna Peak	1579		NE part of quad	69-A	Nipomo 15'		Upper Miocene			
10888	San Luis Obispo	Huasna Peak	1580		SE part of quad	69-A	Nipomo 15'		Lower Mohnian			
10889	San Luis Obispo	Huasna Peak	1581		SE part of quad	69-A	Nipomo 15'		barren			
10890	San Luis Obispo	Huasna Peak	1583		SE part of quad	69-A	Nipomo 15'		Luisian			
10891	San Luis Obispo	Huasna Peak	1592		Railpen Canyon	69-A	Nipomo 15'		Mohnian			
10892	San Luis Obispo	Huasna Peak	1593		Railpen Canyon	69-A	Nipomo 15'		Upper Miocene			
10893	San Luis Obispo	Huasna Peak	1595		SE part of quad	69-A	Nipomo 15'		Lower Mohnian			
10894	San Luis Obispo	Huasna Peak	1600		NW part of quad	69-A	Nipomo 15'		barren	Newbill		
10895	San Luis Obispo	Huasna Peak	1602		NW part of quad	69-A	Nipomo 15'		barren	Newbill		
10896	San Luis Obispo	Huasna Peak	1606		NW part of quad	69-A	Nipomo 15'		Upper Miocene	Newbill		
10897	San Luis Obispo	Huasna Peak	1607		NW part of quad	69-A	Nipomo 15'		Upper Miocene	Newbill		
10898	San Luis Obispo	Huasna Peak	1608		NW part of quad	69-A	Nipomo 15'		Upper Miocene	Newbill		
10899	San Luis Obispo	Huasna Peak	1620		Cuyama Valley	69-A	Nipomo 15'		barren	Newbill		
10900	San Luis Obispo	Huasna Peak	1621		SE part of quad	69-A	Nipomo 15'		Upper Mohnian	Newbill		
10901	San Luis Obispo	Huasna Peak	1622		SE part of quad	69-A	Nipomo 15'		Lower Mohnian	Newbill		
10902	San Luis Obispo	Huasna Peak	1623		SE part of quad	69-A	Nipomo 15'		Lower Mohnian	Newbill		
10903	San Luis Obispo	Huasna Peak	1624		SE part of quad	69-A	Nipomo 15'		Lower Mohnian	Newbill		
10904	Santa Barbara	Huasna Peak	1639		Huasna River	69-B	quad. Few clues o	slides or in	not diagnostic	Newbill		
10905	Santa Barbara	Huasna Peak	1642		Huasna River	69-B	Nipomo 15'		Lower Mohnian	Newbill		
10906	Santa Barbara	Huasna Peak	1643		Alamo Creek	69-B	Nipomo 15'		Prob Mohnian	Newbill		
10907	San Luis Obispo	Huasna Peak	1670		SE part of quad	69-B	Nipomo 15'		Mohnian	Newbill		
10908	San Luis Obispo	Huasna Peak	1673		SE part of quad	69-B	Nipomo 15'		Relizian/Saucesian	Newbill		
10909	San Luis Obispo	Huasna Peak	1698		Huasna Peak	69-B	Nipomo 15'		Mohnian	Newbill		
10910	Santa Barbara	Huasna Peak	1706		SE part of quad	69-B	Nipomo 15'		Lower Luisian?	Newbill		
10911	San Luis Obispo	Huasna Peak	1707		SE part of quad	69-B	Nipomo 15'		Relizian	Newbill		
10912	San Luis Obispo	Huasna Peak	1709		SE part of quad	69-B	Nipomo 15'		Miocene	Newbill		
10913	San Luis Obispo	Huasna Peak	1712		SE part of quad	69-B	Nipomo 15'		Miocene	Newbill		
10914	San Luis Obispo	Huasna Peak	1714		Huasna River	69-B	Nipomo 15'		Lower Mohnian	Newbill		
10915	San Luis Obispo	Huasna Peak	1718		Alamo Creek	69-B	Nipomo 15'		barren	Newbill		
10916	San Luis Obispo	Huasna Peak	1756		Cuyama River	H-1	Nipomo 15'		Middle Miocene			
10917	San Luis Obispo	Huasna Peak	1757		Cuyama River	H-1	Nipomo 15'		Middle Miocene			
10918	San Luis Obispo	Huasna Peak	1758		Cuyama River	H-1	Nipomo 15'		Middle Miocene			
10919	San Luis Obispo	Huasna Peak	1760		Suey Creek	69-C	Nipomo 15'		not diagnostic	Newbill		
10920	San Luis Obispo	Huasna Peak	1761		Suey Creek	69-C	Nipomo 15'		not diagnostic	Newbill		
10921	San Luis Obispo	Huasna Peak	1767		Boar Peak	69-C	Nipomo 15'	age from mold	Upper Mohnian	Newbill		
10922	San Luis Obispo	Huasna Peak	1776		Huasna River	69-C	Nipomo 15'		Upper Miocene	Newbill		
10923	Santa Barbara	Huasna Peak	1941		not found	69-E	Nipomo 15'		not diagnostic	Newbill		
10924	Santa Barbara	Huasna Peak	1942		not found	69-E	Nipomo 15'		Zemorrian/Sauc	Newbill		
10925	Santa Barbara	Huasna Peak	1944		SE part of quad	62-C	Nipomo 15'		Lower Relizian	Newbill		
10926	Santa Barbara	Huasna Peak	1945		SE part of quad	62-C	Nipomo 15'		not diagnostic	Newbill		
10927	Santa Barbara	Huasna Peak	1946		SE part of quad	62-C	Nipomo 15'		Relizian	Newbill		
10928	Santa Barbara	Huasna Peak	1947		SE part of quad	62-C	Nipomo 15'		Middle Miocene	Newbill		
10929	Santa Barbara	Huasna Peak	1948		SE part of quad	62-C	Nipomo 15'		Middle Miocene	Newbill		
10930	Santa Barbara	Huasna Peak	1949		SE part of quad	62-C	Nipomo 15'		Relizian	Newbill		
10931	Santa Barbara	Huasna Peak	1950		SE part of quad	62-C	Nipomo 15'		Relizian	Newbill		
10932	Santa Barbara	Huasna Peak	1951		SE part of quad	62-C	Nipomo 15'		prob Relizian	Newbill		
10933	Santa Barbara	Huasna Peak	1952		SE part of quad	62-C	Nipomo 15'		Relizian	Newbill		
10934	Santa Barbara	Huasna Peak	1953		SE part of quad	62-C	Nipomo 15'		Relizian	Newbill		
10935	Santa Barbara	Huasna Peak	1954		SE part of quad	62-C	Nipomo 15'		Lower Relizian	Newbill		
10936	Santa Barbara	Huasna Peak	1955		SE part of quad	62-C	Nipomo 15'		Relizian	Newbill		
10937	Santa Barbara	Huasna Peak	1956		SE part of quad	62-C	Nipomo 15'		prob Relizian	Newbill		
10938	Santa Barbara	Huasna Peak	1958		SE part of quad	62-C	Nipomo 15'		prob Relizian	Newbill		
10939	San Luis Obispo	Huasna Peak	1975		NW part of quad	69-E	Nipomo 15'		no paleo info	Newbill		
10940	San Luis Obispo	Huasna Peak	2001		Cuyama River	69-F	Nipomo 15'		Relizian	Newbill		
10941	San Luis Obispo	Huasna Peak	2003		Cuyama River	69-F	Nipomo 15'	good fauna	no paleo info	Newbill		
10942	San Luis Obispo	Huasna Peak	2004		Vaquero Flat	69-F	Nipomo 15'		Luisian	Newbill		
10943	San Luis Obispo	Huasna Peak	2005		Vaquero Flat	69-F	Nipomo 15'		Lower Mohnian	Newbill		
10944	San Luis Obispo	Huasna Peak	2006		Cuyama River	69-F	Nipomo 15'		not diagnostic	Newbill		
10945	San Luis Obispo	Huasna Peak	2007		Cuyama River	69-F	Nipomo 15'		not diagnostic	Newbill		
10946	San Luis Obispo	Huasna Peak	2008		Cuyama River	69-F	Nipomo 15'		Lower Mohnian	Newbill		
10947	San Luis Obispo	Huasna Peak	2009		Cuyama River	69-F	Nipomo 15'		barren	Newbill		
10948	San Luis Obispo	Huasna Peak	2173		Cuyama River	69-H	Nipomo 15'		Lower Miocene			
10949	San Luis Obispo	Huasna Peak	2173	A	Cuyama River	69-H	Nipomo 15'		Lower Miocene			
10950	San Luis Obispo	Huasna Peak	2173	B	Cuyama River	69-H	Nipomo 15'		Lower Mohnian			
10951	Santa Barbara	Huasna Peak	3651		Cuyama River Rd	62-C	Nipomo 15'		Relizian	Kraetsch		
10952	Santa Barbara	Huasna Peak	3652		Cuyama River Rd	62-C	Nipomo 15'		Relizian	Kraetsch		
10953	San Luis Obispo	Huasna Peak	3935		Alamo Creek	163-I			no paleo info			
10954	Santa Barbara	Huasna Peak?	3653		not on map	62-C	Nipomo 15'		Relizian	Kraetsch		
10955	Santa Barbara	Hurricane Deck	1715		NE part of quad	40-L	McPherson Pk 15'	age from map	Relizian	Klemme		
10956	Santa Barbara	Hurricane Deck	1717		NE part of quad	40-L	McPherson Pk 15'	age from map	Saucesian/Relizian	Klemme		
10957	Santa Barbara	Hurricane Deck	1718		NE part of quad	40-L	McPherson Pk 15'	age from map	Lower Miocene?	Klemme		
10958	Santa Barbara	Hurricane Deck	1719		NE part of quad	40-L	McPherson Pk 15'	age from map	Lower Miocene?	Klemme		
10959	Santa Barbara	Hurricane Deck	1721		NE part of quad	40-L	McPherson Pk 15'	age from map	barren	Klemme		
10960	Santa Barbara	Hurricane Deck	1733		NE part of quad	40-M	McPherson Pk 15'		not diagnostic	Klemme		
10961	Santa Barbara	Hurricane Deck	1734		NE part of quad	40-M	McPherson Pk 15'		Saucesian/Zem	Klemme		
10962	Santa Barbara	Hurricane Deck	8161		Tea Canyon	68-J	McPherson Pk 15'		no paleo info			
10963	Santa Barbara	Hurricane Deck	8170		SE of Bald Mtn	68-J	McPherson Pk 15'		no paleo info			
10964	Santa Barbara	Hurricane Deck	8171		Sisquoc River	68-J	McPherson Pk 15'		no paleo info			
10965	Santa Barbara	Hurricane Deck	8172		Sisquoc River	68-J	McPherson Pk 15'		no paleo info			
10966	Santa Barbara	Hurricane Deck	8173		Sisquoc River	68-J	McPherson Pk 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	ZONE/SERIES/AG	COLLECTORS		
10967	Santa Barbara	Hurricane Deck	11795		NW of Montgomery	79-K	McPherson P 15'		Zemorrian	Zeni		
10968	Santa Barbara	Hurricane Deck	11796		NW of Montgomery	79-K	McPherson P 15'		prob Zemorrian	Zeni		
10969	Santa Barbara	Hurricane Deck	11797		NW of Montgomery	79-K	McPherson Pk 15'	Potrero	Saucesian	Zeni		
10970	Santa Barbara	Hurricane Deck	11798		NW of Montgomery	79-K	McPherson Pk 15'	Potrero	Upper Saucesian	Zeni		
10971	Santa Barbara	Hurricane Deck	11799		NW of Montgomery	79-K	McPherson Pk 15'	Potrero	Lower Relizian			
10972	Santa Barbara	Hurricane Deck	11800		S of Montgomery	79-K	McPherson Pk 15'	Potrero	Lower Miocene			
10973	Santa Barbara	Hurricane Deck	21085	A	NE corner quad	189-B	McPherson Pk 15'		no paleo info			
10974	Santa Barbara	Hurricane Deck	21085	B	NE corner quad	189-B	McPherson Pk 15'		no paleo info			
10975	Santa Barbara	Hurricane Deck	21086		NE corner quad	189-B	McPherson Pk 15'		no paleo info			
10976	Santa Barbara	Hurricane Deck	21087	A	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
10977	Santa Barbara	Hurricane Deck	21087	B	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
10978	Santa Barbara	Hurricane Deck	21088	A	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
10979	Santa Barbara	Hurricane Deck	21088	B	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
10980	Santa Barbara	Hurricane Deck	21088	C	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
10981	Santa Barbara	Hurricane Deck	21089	A	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
10982	Santa Barbara	Hurricane Deck	21089	B	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
10983	Santa Barbara	Hurricane Deck	21089	C	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
10984	Santa Barbara	Hurricane Deck	21090	A	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
10985	Santa Barbara	Hurricane Deck	21090	B	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
10986	Santa Barbara	Hurricane Deck	21090	C	NE corner quad	189-C	McPherson Pk 15'		no paleo info			
10987	Santa Barbara	Hurricane Deck	21091		NE corner quad	189-C	McPherson Pk 15'		no paleo info			
10988	Humboldt	Hydesville	21342	1	Blanton Prairie	260-C	Fortuna 15'		Paleocene	Read		
10989	Humboldt	Hydesville	21342	2	Blanton Prairie	260-C	Fortuna 15'		not diagnostic	Read		
10990	Humboldt	Hydesville	21342	3	Blanton Prairie	260-C	Fortuna 15'		poss Paleocene	Read		
10991	Humboldt	Hydesville	21342	7	Blanton Prairie	260-C	Fortuna 15'	diatoms	barren	Read		
10992	San Benito	Idria	3258		not found	29-K	New Idria 15' Q		barren	Porter		
10993	San Benito	Idria	3260		WC part of quad	29-K	New Idria 15' Q		Eocene A-2 zone	Porter		
10994	San Benito	Idria	3261		WC part of quad	29-K	New Idria 15' Q		Eocene A-2 zone	Porter		
10995	San Benito	Idria	3261	RW	WC part of quad	29-J	New Idria 15' Q		no paleo info	Porter		
10996	San Benito	Idria	3262		Larios Creek	29-K	New Idria 15' Q		Eocene ?C zone	Porter		
10997	San Benito	Idria	3262		Larios Creek	10-N	New Idria 15' Q		no paleo info	Porter		
10998	San Benito	Idria	3263		Larios Creek	29-K	New Idria 15' Q		Eocene ?C zone	Porter		
10999	San Benito	Idria	3264		Larios Creek	29-K	New Idria 15' Q		Eocene ?C zone	Porter		
11000	San Benito	Idria	3266		San Carlos Creek	29-L	New Idria 15' Q		Lower Eocene	Porter		
11001	San Benito	Idria	3268		San Carlos Creek	29-L	New Idria 15' Q		Lower Eocene	Porter		
11002	San Benito	Idria	3269		San Carlos Creek	29-L	New Idria 15' Q		Lower Eocene	Porter		
11003	San Benito	Idria	3271		San Carlos Creek	29-L	New Idria 15' Q		Upper Cretaceous	Porter		
11004	San Benito	Idria	3272		San Carlos Creek	29-L	New Idria 15' Q		barren	Porter		
11005	San Benito	Idria	3273		San Carlos Creek	29-L	New Idria 15' Q		Upper Cretaceous	Porter		
11006	San Benito	Idria	3274		San Carlos Creek	29-L	New Idria 15' Q		Upper Cretaceous	Porter		
11007	San Benito	Idria	3275		San Carlos Creek	29-L	New Idria 15' Q		Paleocene	Porter		
11008	San Benito	Idria	3276		San Carlos Creek	29-L	New Idria 15' Q		Paleocene	Porter		
11009	San Benito	Idria	3277		San Carlos Creek	29-L	New Idria 15' Q		Paleocene	Porter		
11010	San Benito	Idria	3278		San Carlos Creek	29-L	New Idria 15' Q		Lower Eocene	Porter		
11011	San Benito	Idria	3279		San Carlos Creek	29-L	New Idria 15' Q		Lower Eocene	Porter		
11012	San Benito	Idria	3280		San Carlos Creek	29-L	New Idria 15' Q		Lower Eocene	Porter		
11013	San Benito	Idria	3281		San Carlos Creek	29-L	New Idria 15' Q		Upper Cretaceous	Porter		
11014	San Benito	Idria	3465		N of New Idria	140-F	New Idria 15'		no paleo info	Meditz &		
11015	San Benito	Idria	3470		WC part of quad	140-F	New Idria 15'	age from lab	Paleocene	Meditz &		
11016	San Benito	Idria	3476		San Carlos Creek	140-G	New Idria 15'	age from lab	Eocene	Meditz &		
11017	San Benito	Idria	3480		WC part of quad	140-G	New Idria 15'	age from lab	Eocene A-2 zone	Meditz &		
11018	San Benito	Idria	3481		WC part of quad	140-G	New Idria 15'	age from map	Eocene	Meditz &		
11019	San Benito	Idria	3483		WC part of quad	140-G	New Idria 15'	age from lab	Eocene C zone	Meditz &		
11020	San Benito	Idria	3484		WC part of quad	140-G	New Idria 15'	age from map	Cretaceous	Meditz &		
11021	San Benito	Idria	22312	1	SE corner of quad	260-D	slide says New Idria		no paleo info			
11022	San Benito	Idria	22312	2	SE corner of quad	260-D	slide says New Idria		no paleo info			
11023	San Benito	Idria	22314	1	S Carlos Bolsa	260-D	New Idria 15'		no paleo info			
11024	San Benito	Idria	22400		Larios Canyon	244-I	New Idria 15'		no paleo info			
11025	San Benito	Idria	22401	2E	Larios Canyon	244-I	New Idria 15'		no paleo info			
11026	San Benito	Idria	22401	3E	Larios Canyon	244-I	New Idria 15'		no paleo info			
11027	San Benito	Idria	22401	4	Larios Canyon	244-I	New Idria 15'		no paleo info			
11028	San Benito	Idria	22401	6	Larios Canyon	244-I	New Idria 15'		no paleo info			
11029	San Benito	Idria	22401	6RW	Larios Canyon	244-I	New Idria 15'		no paleo info			
11030	San Benito	Idria	22401	7	Larios Canyon	244-I	New Idria 15'		no paleo info			
11031	San Benito	Idria	22401	8	Larios Canyon	244-I	New Idria 15'		no paleo info			
11032	San Benito	Idria	22401	9	Larios Canyon	244-I	New Idria 15'		no paleo info			
11033	San Benito	Idria	22401	10	Larios Canyon	244-I	New Idria 15'		no paleo info			
11034	San Benito	Idria	22401	10RW	Larios Canyon	244-I	New Idria 15'		no paleo info			
11035	San Benito	Idria	22401	11	Larios Canyon	244-I	New Idria 15'		no paleo info			
11036	San Benito	Idria	22401	11RW	Larios Canyon	244-I	New Idria 15'		no paleo info			
11037	San Benito	Idria	22401	12	Larios Canyon	244-I	New Idria 15'		no paleo info			
11038	San Benito	Idria	22401	12RW	Larios Canyon	244-I	New Idria 15'		no paleo info			
11039	San Benito	Idria	22401	13	Larios Canyon	244-I	New Idria 15'		no paleo info			
11040	San Benito	Idria	22401	14	Larios Canyon	244-I	New Idria 15'		no paleo info			
11041	San Benito	Idria	22401	15	Larios Canyon	244-I	New Idria 15'		no paleo info			
11042	San Benito	Idria	22401	16	Larios Canyon	244-I	New Idria 15'		no paleo info			
11043	San Benito	Idria	22401	17	Larios Canyon	244-J	New Idria 15'		no paleo info			
11044	San Benito	Idria	22401	18	Larios Canyon	244-J	New Idria 15'		no paleo info			
11045	San Benito	Idria	22401	19	Larios Canyon	244-J	New Idria 15'		no paleo info			
11046	San Benito	Idria	22402	1	Larios Canyon	244-J	New Idria 15'		no paleo info			
11047	San Benito	Idria	22402	2	Larios Canyon	244-J	New Idria 15'		no paleo info			
11048	San Benito	Idria	22402	3	Larios Canyon	244-J	New Idria 15'		no paleo info			
11049	San Benito	Idria	22405		in town New Idria	244-J	New Idria 15'		no paleo info			
11050	Marin	Inverness	353	42	Pt Reyes area	99-L			not diagnostic	Newton		
11051	Marin	Inverness	353	56	Pt Reyes area	99-L			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	ONE/SERIES/AG	COLLECTORS		
11052	Marin	Inverness	353	57	Pt Reyes area	99-L			not diagnostic	Newton		
11053	Marin	Inverness	353	58	Pt Reyes area	99-L			not diagnostic	Newton		
11054	Marin	Inverness	353	60	Pt Reyes area	99-L			not diagnostic	Newton		
11055	Marin	Inverness	353	61	Pt Reyes area	99-L			not diagnostic	Newton		
11056	Marin	Inverness	353	62	Pt Reyes area	99-L			not diagnostic	Newton		
11057	Marin	Inverness	353	63	Pt Reyes area	99-L			not diagnostic	Newton		
11058	Marin	Inverness	353	64	Pt Reyes area	99-L			not diagnostic	Newton		
11059	Marin	Inverness	353	70	Pt Reyes area	99-L			not diagnostic	Newton		
11060	Marin	Inverness	353	123	Pt Reyes area	99-M			Mohnian	Newton		
11061	Marin	Inverness	353	124	Pt Reyes area	99-M			not diagnostic	Newton		
11062	Marin	Inverness	353	125	Pt Reyes area	99-M			not diagnostic	Newton		
11063	Marin	Inverness	353	126	Pt Reyes area	99-M			not diagnostic	Newton		
11064	Marin	Inverness	353	127	Pt Reyes area	99-M			not diagnostic	Newton		
11065	Marin	Inverness	353	128	Pt Reyes area	99-M			not diagnostic	Newton		
11066	Marin	Inverness	353	130	Pt Reyes area	99-M			not diagnostic	Newton		
11067	Marin	Inverness	22229	3	Near Olema	224-G	auger line		not diagnostic	Christen.		
11068	Marin	Inverness	22229	4A	Near Olema	224-G	auger line		not diagnostic	Christen.		
11069	Marin	Inverness	22229	6	Near Olema	224-G	auger line		not diagnostic	Christen.		
11070	Marin	Inverness	22230	7A	Laguna Ranch	224-G	auger line	planktics	poss M Miocene	Christen.		
11071	Marin	Inverness	22230	8	Laguna Ranch	224-G	auger line	planktics	poss M Miocene	Christen.		
11072	Shasta	Inwood	7592	1A	Bear Creek	151-B	Whitmore 15'		no paleo info	Welge		
11073	Shasta	Inwood	7592	2A	Bear Creek	151-B	Whitmore 15'		no paleo info	Welge		
11074	Shasta	Inwood	7592	3	Bear Creek	151-B	Whitmore 15'		no paleo info	Welge		
11075	Shasta	Inwood	7592	4	Bear Creek	151-B	Whitmore 15'		no paleo info	Welge		
11076	Shasta	Inwood	7592	5	Bear Creek	151-B	Whitmore 15'		no paleo info	Welge		
11077	Shasta	Inwood	7592	6	Bear Creek	151-B	Whitmore 15'		no paleo info	Welge		
11078	Mendocino	Jamison Ridge	741	1	M Fork Eel River	130-F	Eden Valley 15'		U Cret G-1 zone			
11079	Mendocino	Jamison Ridge	741	2	M Fork Eel River	130-F	Eden Valley 15'		Upper Cretaceous			
11080	Mendocino	Jamison Ridge	741	3	M Fork Eel River	130-F	Eden Valley 15'		Upper Cretaceous			
11081	Mendocino	Jamison Ridge	741	4	M Fork Eel River	130-F	Eden Valley 15'		Upper Cretaceous			
11082	Mendocino	Jamison Ridge	741	5	M Fork Eel River	130-F	Eden Valley 15'		Upper Cretaceous			
11083	Mendocino	Jamison Ridge	741	6	M Fork Eel River	130-F	Eden Valley 15'		Upper Cretaceous			
11084	Mendocino	Jamison Ridge	741	7	M Fork Eel River	130-F	Eden Valley 15'		not diagnostic			
11085	Mendocino	Jamison Ridge	741	8	M Fork Eel River	130-F	Eden Valley 15'		not diagnostic			
11086	Mendocino	Jamison Ridge	741	9	M Fork Eel River	130-F	Eden Valley 15'		not diagnostic			
11087	Mendocino	Jamison Ridge	741	10	M Fork Eel River	130-F	Eden Valley 15'		Lower Eocene			
11088	Mendocino	Jamison Ridge	741	11	M Fork Eel River	130-F	Eden Valley 15'		not diagnostic			
11089	Fresno	Joaquin Rocks	152	P42	NE part of quad	G-5	Joaquin Rocks 15'		Eocene	Patchett		
11090	Fresno	Joaquin Rocks	152	P42A1	NE part of quad	G-5	Joaquin Rocks 15'		Eocene	Patchett		
11091	Fresno	Joaquin Rocks	152	P42A2	NE part of quad	G-5	Joaquin Rocks 15'		Eocene	Patchett		
11092	Fresno	Joaquin Rocks	152	P42A3	NE part of quad	G-5	Joaquin Rocks 15'		Eocene	Patchett		
11093	Fresno	Joaquin Rocks	152	P42A5	NE part of quad	G-5	Joaquin Rocks 15'		Eocene	Patchett		
11094	Fresno	Joaquin Rocks	217	*7-1	section 7	22-M	not on map		no paleo info	Weddle		
11095	Fresno	Joaquin Rocks	217	*7-2	section 7	22-M	but probably		no paleo info	Weddle		
11096	Fresno	Joaquin Rocks	217	*7-3	section 7	22-M	Salt Creek		no paleo info	Weddle		
11097	Fresno	Joaquin Rocks	217	*7-4	section 7	22-M	Sec 9, T18S,		no paleo info	Weddle		
11098	Fresno	Joaquin Rocks	217	*7-5	section 7	22-M	R14E		no paleo info	Weddle		
11099	Fresno	Joaquin Rocks	217	*7-6	section 7	22-M			no paleo info	Weddle		
11100	Fresno	Joaquin Rocks	217	*7-7	section 7	22-M			no paleo info	Weddle		
11101	Fresno	Joaquin Rocks	217	*7-8	section 7	22-M			no paleo info	Weddle		
11102	Fresno	Joaquin Rocks	217	*7-9	section 7	22-M			no paleo info	Weddle		
11103	Fresno	Joaquin Rocks	761	P36	Salt Creek (NOM)	A-11	Joaquin Rocks 15'	see loc # 770	Eocene	Patchett		
11104	Fresno	Joaquin Rocks	22409	1	NE part of quad	244-J			no paleo info			
11105	Monterey	Jolon	7344		not on map	45-D			Upper Miocene?	Ortalda &		
11106	Monterey	Jolon	7345		SE corner quad	45-D			Upper Miocene?	Ortalda &		
11107	Monterey	Jolon	7346		SE corner quad	45-D			Upper Miocene?	Ortalda &		
11108	Monterey	Jolon	7347		SE corner quad	45-D			possibly L Mohnian	Bolin		
11109	Monterey	Jolon	7348		SE corner quad	45-D			possibly L Mohnian	Bolin		
11110	Monterey	Jolon	7349		SE corner quad	45-D			not diagnostic	Bolin		
11111	Monterey	Jolon	7353		SE corner quad	45-D			Mohnian	Bolin		
11112	Monterey	Jolon	7356		SE corner quad	45-D			lowermost Relizian	Bolin		
11113	Monterey	Jolon	7357		SE corner quad	45-D			Lower Relizian	Bolin		
11114	Monterey	Jolon	7358		SE corner quad	45-D			Relizian	Bolin		
11115	Monterey	Jolon	23177	C	NW corner quad	252-A	Bryson 15'		Relizian	Gregory		
11116	Monterey	Jolon	23177	D	NW corner quad	252-A	Bryson 15'		Relizian	Gregory		
11117	Monterey	Jolon	23177	E	NW corner quad	252-A	Bryson 15'		Lower Mohnian	Gregory		
11118	Monterey	Jolon	23178	A	NW corner quad	252-A	Bryson 15'		Mohnian	Gregory		
11119	Monterey	Jolon	23178	B	NW corner quad	252-A	Bryson 15'		Lower Mohnian	Gregory		
11120	Monterey	Jolon	23178	C	NW corner quad	252-A	Bryson 15'		Lower Mohnian	Gregory		
11121	Monterey	Jolon	23179		NW corner quad	252-A	Bryson 15'		Lower Mohnian	Gregory		
11122	Monterey	Jolon	23293	A	Lugo Canyon area	252-F	Bryson 15'	age from map	Luisian	Gregory		
11123	Monterey	Jolon	23293	B	Lugo Canyon area	252-F	Bryson 15'	age from map	Luisian	Gregory		
11124	Monterey	Jolon	23293	C	Lugo Canyon area	252-F	Bryson 15'	age from map	prob Mohnian	Gregory		
11125	Monterey	Jolon	23293	D	Lugo Canyon area	252-F	Bryson 15'	age from map	Lower Mohnian	Gregory		
11126	Monterey	Jolon	23293	E	Lugo Canyon area	252-F	Bryson 15'	age from map	Lower Mohnian	Gregory		
11127	Monterey	Jolon	23293	F	Lugo Canyon area	252-F	Bryson 15'	age from map	not diagnostic	Gregory		
11128	Monterey	Jolon	23293	G	Lugo Canyon area	252-F	Bryson 15'	age from map	Lower Mohnian	Gregory		
11129	Monterey	Jolon	23293	H	Lugo Canyon area	252-F	Bryson 15'	age from map	Lower Mohnian	Gregory		
11130	Monterey	Jolon	23293	I	Lugo Canyon area	252-F	Bryson 15'	age from map	not diagnostic	Gregory		
11131	Monterey	Jolon	23293	J	Lugo Canyon area	252-F	Bryson 15'	age from map	Luisian	Gregory		
11132	Monterey	Jolon	23295	A	China Gulch	252-F	Bryson 15'	age from map	Mohnian	Gregory		
11133	Monterey	Jolon	23295	B	China Gulch	252-F	Bryson 15'	age from map	Mohnian	Gregory		
11134	Monterey	Jolon	23296		NE of Mesa Coyote	252-F	Bryson 15'	abun planktics	no paleo info	Gregory		
11135	Monterey	Jolon	23297	B	El Piojo Creek	252-F	Bryson 15'	age from map	no paleo info	Gregory		
11136	Monterey	Jolon	23297	D	El Piojo Creek	252-F	Bryson 15'	age from map	not diagnostic	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		
11137	Monterey	Jolon	23297	E	El Piojo Creek	252-F	Bryson 15'	age from map	Relizian	Gregory		
11138	Monterey	Jolon	23297	F	El Piojo Creek	252-F	Bryson 15'	age from map	Relizian	Gregory		
11139	Monterey	Jolon	23297	G	El Piojo Creek	252-F	Bryson 15'	age from map	Relizian	Gregory		
11140	Monterey	Jolon	23228	A	Sam Jones Canyon	252-C	Bryson 15'	age from map	npt diagnostic	Gregory		
11141	Monterey	Jolon	23228	B	Sam Jones Canyon	252-C	Bryson 15'	age from map	not diagnostic	Gregory		
11142	Monterey	Jolon	23228	E	Sam Jones Canyon	252-C	Bryson 15'	age from map	Lower Mohnian	Gregory		
11143	Monterey	Jolon	23228	F	Sam Jones Canyon	252-C	Bryson 15'	age from map	Lower Mohnian	Gregory		
11144	Monterey	Jolon	23228	G	Sam Jones Canyon	252-C	Bryson 15'	age from map	Lower Mohnian	Gregory		
11145	Monterey	Jolon	23228	H	Sam Jones Canyon	252-C	Bryson 15'	age from map	Upper Mohnian	Gregory		
11146	Monterey	Jolon	23228	I	Sam Jones Canyon	252-C	Bryson 15'	age from map	Luisian	Gregory		
11147	Monterey	Jolon	23228	J	Sam Jones Canyon	252-C	Bryson 15'	age from map	Relizian	Gregory		
11148	Monterey	Jolon	23228	K	Sam Jones Canyon	252-C	Bryson 15'	age from map	Relizian	Gregory		
11149	Monterey	Jolon	23228	L	Sam Jones Canyon	252-C	Bryson 15'	age from map	Lower Relizian	Gregory		
11150	Monterey	Jolon	23228	M	Sam Jones Canyon	252-C	Bryson 15'	age from map	Relizian	Gregory		
11151	Monterey	Jolon	23228	N	Sam Jones Canyon	252-C	Bryson 15'	age from map	barren	Gregory		
11152	Monterey	Jolon	23228	O	Sam Jones Canyon	252-C	Bryson 15'	age from map	Lower Relizian	Gregory		
11153	Monterey	Jolon	23228	P	Sam Jones Canyon	252-C	Bryson 15'	age from map	Relizian	Gregory		
11154	Monterey	Jolon	23228	Q	Sam Jones Canyon	252-C	Bryson 15'	age from map	Relizian	Gregory		
11155	Monterey	Jolon	23228	Q	Sam Jones Canyon	252-C	Bryson 15'	age from map	Relizian	Gregory		
11156	Monterey	Jolon	23228	M	Sam Jones Canyon	252-C	Bryson 15'	age from map	Relizian	Gregory		
11157	Monterey	Jolon	23229	A	NW of Sam Jones	252-C	Bryson 15'	age from map	? Luisian	Gregory		
11158	Monterey	Jolon	23229	B	NW of Sam Jones	252-C	abundant planktics	age from map	Relizian	Gregory		
11159	Monterey	Jolon	23232	A	SE corner of quad	252-C	Bryson 15'	age from map	Middle Miocene	Gregory		
11160	Monterey	Jolon	23232	B	SE corner of quad	252-C	Bryson 15'	age from map	Relizian	Gregory		
11161	Monterey	Jolon	23232	C	SE corner of quad	252-C	Bryson 15'	age from map	Relizian	Gregory		
11162	Monterey	Juniper Serra Peak	5681		Indians Road	121-E	Junipero Serra 15'		L Eocene C Zone			
11163	Monterey	Juniper Serra Peak	5687		Arroyo Seco	121-E	Junipero Serra 15'		Relizian	Wright		
11164	Monterey	Juniper Serra Peak	7005		SW of Jun Serra P	4-N			U Cret/Paleocene	Stanford		
11165	Monterey	Juniper Serra Peak	7007		SW of Jun Serra P	4-N			U Cret/Paleocene	Stanford		
11166	Monterey	Juniper Serra Peak	7014		SE of BM 2175	4-N			poss Miocene	Stanford		
11167	Monterey	Juniper Serra Peak	7015		SE of BM 2175	4-N		also NP, pollen	Zemorrian	Stanford		
11168	Monterey	Juniper Serra Peak	7016		SE of BM 2175	4-N			poss Relizian	Stanford		
11169	Monterey	Juniper Serra Peak	8625		Arroyo Seco	81-I			Relizian	Stanford		
11170	Monterey	Juniper Serra Peak	8628		Near Woodtick Cyn	81-I			Eocene	Stanford		
11171	Monterey	Juniper Serra Peak	8629		Near Woodtick Cyn	81-I			Eocene	Stanford		
11172	Monterey	Juniper Serra Peak	8629		Near Woodtick Cyn	81-I			Eocene	Stanford		
11173	Monterey	Juniper Serra Peak	8630		Near Woodtick Cyn	81-I			Eocene	Stanford		
11174	Monterey	Juniper Serra Peak	8631		Near Woodtick Cyn	81-J			Eocene	Stanford		
11175	Monterey	Juniper Serra Peak	8634		Arroyo Seco	81-J			Eocene	Stanford		
11176	Monterey	Juniper Serra Peak	8635		E of Woodtick Cyn	81-J			Eocene	Stanford		
11177	Monterey	Juniper Serra Peak	8641		Arroyo Seco	81-J			Relizian	Stanford		
11178	Monterey	Juniper Serra Peak	8656		Near Woodtick Cyn	81-J			Lower Eocene	Stanford		
11179	Monterey	Juniper Serra Peak	8657		Arroyo Seco	81-J			Middle Miocene	Stanford		
11180	Monterey	Juniper Serra Peak	8658		Arroyo Seco	81-J			Middle Miocene	Stanford		
11181	Monterey	Juniper Serra Peak	8659		NW BM 879 A Sec	81-J			Relizian	Stanford		
11182	Monterey	Juniper Serra Peak	8660		NW BM 879 A Sec	81-J			Middle Miocene	Stanford		
11183	Monterey	Juniper Serra Peak	8661		NW BM 879 A Sec	81-J			Middle Miocene	Stanford		
11184	Monterey	Juniper Serra Peak	8662		NW BM 879 A Sec	81-J			prob Luisian	Stanford		
11185	Monterey	Juniper Serra Peak	8663		NW BM 879 A Sec	81-J			Middle Miocene	Stanford		
11186	Monterey	Juniper Serra Peak	8664		NW BM 879 A Sec	81-J			Middle Miocene	Stanford		
11187	Monterey	Juniper Serra Peak	8665		NW BM 879 A Sec	81-J			not diagnostic	Stanford		
11188	Monterey	Juniper Serra Peak	8669		Horse Canyon	81-J			Middle Miocene	Stanford		
11189	Monterey	Juniper Serra Peak	8670		Horse Canyon	81-J			Miocene	Stanford		
11190	Monterey	Juniper Serra Peak	8671		Horse Canyon	81-J			Miocene	Stanford		
11191	Monterey	Juniper Serra Peak	8672		Horse Canyon	81-J			Miocene	Stanford		
11192	Monterey	Juniper Serra Peak	8673		Horse Canyon	81-J			Relizian	Stanford		
11193	Monterey	Juniper Serra Peak	8674		Horse Canyon	81-J			Relizian	Stanford		
11194	Monterey	Juniper Serra Peak	8675		Horse Canyon	81-J			Relizian	Stanford		
11195	Monterey	Juniper Serra Peak	8676		Horse Canyon	81-J		planktics com	Relizian	Stanford		
11196	Monterey	Juniper Serra Peak	8697		SW of The Lakes	81-J			Cret/Paleocene	Stanford		
11197	Monterey	Juniper Serra Peak	11224		Indians Road	I-7	ELS 12-6		Cret/Paleocene	Stanford		
11198	Monterey	Juniper Serra Peak	11227		Arroyo Seco	I-7	ESM 13-8	abun planktics	prob L Eocene	Stanford		
11199	Monterey	Juniper Serra Peak	11228		Arroyo Seco	I-7	ESM 13-10		Lower Zemorrian	Stanford		
11200	Monterey	Juniper Serra Peak	11245		Rattlesnake Ck	I-7	JWS 6-26		Cret/Paleocene	Stanford		
11201	Monterey	Juniper Serra Peak	11246		Indians Road	I-7	JWS 15-9		Cret/Paleocene	Stanford		
11202	Monterey	Juniper Serra Peak	11247		Indians Road	I-7	MPB 15-7	com planktics	L Eocene C zone	Stanford		
11203	Monterey	Juniper Serra Peak	11248		Indians Road	I-7	MPB 15-24	com planktics	L Eocene C zone	Stanford		
11204	Monterey	Juniper Serra Peak	11257		Arroyo Seco	I-7	YAJ 13-25		Paleocene D zone	Stanford		
11205	Monterey	Juniper Serra Peak	11258		E of Escondido Cp	I-7	YAJ 13-26	com planktics	Paleocene D zone	Stanford		
11206	Monterey	Juniper Serra Peak	23350	A	Arroyo Seco	252-F	Junipero Serra 15'	abun planktics	Relizian	Gregory		
11207	Monterey	Juniper Serra Peak	23350	B	Arroyo Seco	252-F	Junipero Serra 15'		Relizian	Gregory		
11208	Monterey	Juniper Serra Peak	23350	C	Arroyo Seco	252-F	Junipero Serra 15'	abun planktics	Relizian	Gregory		
11209	Monterey	Juniper Serra Peak	23351		Arroyo Seco	252-F	Junipero Serra 15'		no paleo info	Gregory		
11210	Monterey	Juniper Serra Peak	23352		Arroyo Seco	252-F	Junipero Serra 15'		no paleo info	Gregory		
11211	Monterey	Juniper Serra Peak	23354	B	Arroyo Seco	252-F	Junipero Serra 15'		Relizian	Gregory		
11212	Monterey	Juniper Serra Peak	23354	C	Arroyo Seco	252-F	Junipero Serra 15'	planktics com	Relizian	Gregory		
11213	Monterey	Juniper Serra Peak	23355	A	Arroyo Seco	252-F	Junipero Serra 15'		no paleo info	Gregory		
11214	Monterey	Juniper Serra Peak	23356		Arroyo Seco	252-F	Junipero Serra 15'		no paleo info	Gregory		
11215	Monterey	Juniper Serra Peak	23357		Arroyo Seco	252-F	Junipero Serra 15'		no paleo info	Gregory		
11216	Monterey	Juniper Serra Peak	23359		Arroyo Seco	252-F	Junipero Serra 15'		no paleo info	Gregory		
11217	Monterey	Juniper Serra Peak	23360		Arroyo Seco	252-F	Junipero Serra 15'		no paleo info	Gregory		
11218	Monterey	Juniper Serra Peak	23361	A	Arroyo Seco	252-G	Junipero Serra 15'		no age provided	Gregory		
11219	Monterey	Juniper Serra Peak	23361	B	Arroyo Seco	252-G	Junipero Serra 15'		Middle Miocene	Gregory		
11220	Monterey	Juniper Serra Peak	23361	D	Arroyo Seco	252-G	Junipero Serra 15'		not diagnostic	Gregory		
11221	Monterey	Juniper Serra Peak	23361	E	Arroyo Seco	252-G	Junipero Serra 15'		Middle Miocene	Gregory		

	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		
11222	Monterey	Juniper Serra Peak	23361	F	Arroyo Seco	252-F	Junipero Serra 15'	abun planktics	Relizian	Gregory		
11223	Monterey	Juniper Serra Peak	23362	B	Horse Canyon	252-G	Junipero Serra 15'		Lower Miocene	Gregory		
11224	Monterey	Juniper Serra Peak	23362	C	Horse Canyon	252-G	Junipero Serra 15'		Middle Miocene	Gregory		
11225	Monterey	Juniper Serra Peak	23362	D	Horse Canyon	252-G	Junipero Serra 15'		Middle Miocene	Gregory		
11226	Monterey	Juniper Serra Peak	23362	E	Horse Canyon	252-G	Junipero Serra 15'	abun planktics	Luisian	Gregory		
11227	Monterey	Juniper Serra Peak	23362	G	Horse Canyon	252-G	Junipero Serra 15'		Relizian	Gregory		
11228	Monterey	Juniper Serra Peak	23362	H	Horse Canyon	252-G	Junipero Serra 15'		not diagnostic	Gregory		
11229	Monterey	Juniper Serra Peak	23363	A	Arroyo Seco	252-G	Junipero Serra 15'		Upper Miocene	Gregory		
11230	Monterey	Juniper Serra Peak	23363	B	Arroyo Seco	252-G	Junipero Serra 15'		Upper Miocene	Gregory		
11231	Monterey	Juniper Serra Peak	23366	A	Arroyo Seco	252-G	Junipero Serra 15'		no paleo info	Gregory		
11232	Monterey	Juniper Serra Peak	23366	B	Arroyo Seco	252-G	Junipero Serra 15'		no paleo info	Gregory		
11233	Monterey	Juniper Serra Peak?	11244		not on map	I-7	JWS 6-12		barren	Stanford		
11234	Monterey	Juniper Serra Peak?	11259		not on map	I-7		L Eoc NP	Cret/Paleocene	Stanford		
11235	Monterey	Junipero Serra Peak	23299		NW part of quad	252-F	Junipero Serra 15'		no paleo info	Gregory		
11236	Monterey	Junipero Serra Peak	24542		Arroyo Seco	108-A			no paleo info			
11237	Monterey	Junipero Serra Peak	24542	A	Arroyo Seco	108-A			no paleo info			
11238	Monterey	Junipero Serra Peak	24543		Arroyo Seco	108-A			no paleo info			
11239	Monterey	Junipero Serra Peak	24543	RW	Arroyo Seco	108-A			no paleo info			
11240	Imperial	Kane Spring NW	418	3	SW part of quad	85-M			no paleo info			
11241	Imperial	Kane Spring NW	418	4	SW part of quad	85-M			no paleo info			
11242	Imperial	Kane Spring NW	418	5	SW part of quad	85-M			no paleo info			
11243	Imperial	Kane Spring NW	418	7	SW part of quad	85-M			no paleo info			
11244	Imperial	Kane Spring NW	418	8	SW part of quad	85-M			no paleo info			
11245	Imperial	Kane Spring NW	418	10	SW part of quad	85-M			no paleo info			
11246	Imperial	Kane Spring NW	418	11	SW part of quad	85-M			no paleo info			
11247	Imperial	Kane Spring NW	418	12	SW part of quad	85-M			no paleo info			
11248	Imperial	Kane Spring NW	418	13	SW part of quad	85-M			no paleo info			
11249	Imperial	Kane Spring NW	418	14	SW part of quad	85-M			no paleo info			
11250	Imperial	Kane Spring NW	418	15	SW part of quad	85-M			no paleo info			
11251	Imperial	Kane Spring NW	418	16	SW part of quad	85-M			no paleo info			
11252	Imperial	Kane Spring NW	418	17	SW part of quad	85-M			no paleo info			
11253	Imperial	Kane Spring NW	418	18	SW part of quad	85-M			no paleo info			
11254	Imperial	Kane Spring NW	418	19	SW part of quad	85-M			no paleo info			
11255	Imperial	Kane Spring NW	418	20	center of quad	85-M			no paleo info			
11256	Imperial	Kane Spring NW	418	21	center of quad	85-M			no paleo info			
11257	Imperial	Kane Spring NW	418	24	center of quad	85-M			no paleo info			
11258	Imperial	Kane Spring NW	418	25	center of quad	85-M			no paleo info			
11259	Imperial	Kane Spring NW	418	26	center of quad	85-M			no paleo info			
11260	Imperial	Kane Spring NW	418	27	EC part of quad	85-M			no paleo info			
11261	Imperial	Kane Spring NW	418	28	EC part of quad	85-M			no paleo info			
11262	Imperial	Kane Spring NW	418	29	EC part of quad	85-M			no paleo info			
11263	Imperial	Kane Spring NW	418	32	EC part of quad	85-M			no paleo info			
11264	Imperial	Kane Spring NW	418	34	EC part of quad	85-M			no paleo info			
11265	Imperial	Kane Spring NW	418	35	EC part of quad	85-M			no paleo info			
11266	Imperial	Kane Spring NW	418	36	NC part of quad	85-M			no paleo info			
11267	Imperial	Kane Spring NW	418	38	NC part of quad	85-M			no paleo info			
11268	Imperial	Kane Spring NW	418	39	NC part of quad	85-M			no paleo info			
11269	Imperial	Kane Spring NW	418	40	NC part of quad	85-M			no paleo info			
11270	Imperial	Kane Spring NW	418	41	NC part of quad	85-M			no paleo info			
11271	Imperial	Kane Spring NW	418	42	NC part of quad	85-M			no paleo info			
11272	Imperial	Kane Spring NW	418	43	NC part of quad	85-M			no paleo info			
11273	Imperial	Kane Spring NW	418	46	NC part of quad	85-M			no paleo info			
11274	Imperial	Kane Spring NW?	3760		not on map	12-K	Kane Springs 15'	ostracods	brackish water			
11275	Sonoma	Kenwood	22981		SW corner of quad	202-B	Santa Rosa 15'		no paleo info	Lyon		
11276	Kings	Kettleman Plain	1373	A	Reef Ridge	88-D			no paleo info	Hastings		
11277	Kings	Kettleman Plain	1373	B	Reef Ridge	88-D			no paleo info	Hastings		
11278	Kings	Kettleman Plain	5658		Reef Ridge	135-J			no paleo info	Seiden		
11279	Kings	Kettleman Plain	5659		Reef Ridge	135-J			no paleo info	Seiden		
11280	Kings	Kettleman Plain	11001	S230	Lovel Canyon	146-C		picked slide	U Cret E zone	Tamesis		
11281	Kings	Kettleman Plain	11003		Lovel Canyon	146-C		picked slide	U Cret C zone	Tamesis		
11282	Kings	Kettleman Plain	11004		Lovel Canyon	146-C		picked slide	U Cret C zone	Tamesis		
11283	Kern	Knob Hill	336	A3	SE corner of map	5-M	Round Mtn silt	Not on map.	not diagnostic			
11284	Kern	Knob Hill	336	A15	SE corner of map	5-M	Round Mtn silt	Age from	not diagnostic			
11285	Kern	Knob Hill	336	A17	SE corner of map	5-M	Round Mtn silt	Weaver	not diagnostic			
11286	Kern	Knob Hill	336	A18	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11287	Kern	Knob Hill	336	B2	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11288	Kern	Knob Hill	336	B3	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11289	Kern	Knob Hill	336	B4	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11290	Kern	Knob Hill	336	B5	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11291	Kern	Knob Hill	336	B6	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11292	Kern	Knob Hill	336	B7	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11293	Kern	Knob Hill	336	B8	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11294	Kern	Knob Hill	336	B11	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11295	Kern	Knob Hill	336	B15	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11296	Kern	Knob Hill	336	B16	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11297	Kern	Knob Hill	336	B17	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11298	Kern	Knob Hill	336	B18	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11299	Kern	Knob Hill	336	B19	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11300	Kern	Knob Hill	336	B20	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11301	Kern	Knob Hill	336	B21	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11302	Kern	Knob Hill	336	B22	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11303	Kern	Knob Hill	336	B23	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11304	Kern	Knob Hill	336	B24	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11305	Kern	Knob Hill	336	B25	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11306	Kern	Knob Hill	336	B26	SE corner of map	5-M	Round Mtn silt		Middle Miocene			

Chevron data # 2

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		
11307	Kern	Knob Hill	336	B27	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11308	Kern	Knob Hill	336	B28	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11309	Kern	Knob Hill	336	C1	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11310	Kern	Knob Hill	336	C2	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11311	Kern	Knob Hill	336	C3	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11312	Kern	Knob Hill	336	C4	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11313	Kern	Knob Hill	336	C5	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11314	Kern	Knob Hill	336	C6	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11315	Kern	Knob Hill	336	C7	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11316	Kern	Knob Hill	336	C8	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11317	Kern	Knob Hill	336	C9	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11318	Kern	Knob Hill	336	C20	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11319	Kern	Knob Hill	336	C23	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11320	Kern	Knob Hill	336	C24	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11321	Kern	Knob Hill	336	C25	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11322	Kern	Knob Hill	336	C33	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11323	Kern	Knob Hill	336	C39	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11324	Kern	Knob Hill	336	C44	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11325	Kern	Knob Hill	336	C45	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11326	Kern	Knob Hill	336	C46	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11327	Kern	Knob Hill	336	C47	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11328	Kern	Knob Hill	336	C48	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11329	Kern	Knob Hill	336	C49	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11330	Kern	Knob Hill	336	C50	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11331	Kern	Knob Hill	336	C51	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11332	Kern	Knob Hill	336	C52	SE corner of map	5-M	Round Mtn silt		Middle Miocene			
11333	Kern	Knob Hill	336	C53	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
11334	Kern	Knob Hill	336	C54	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
11335	Kern	Knob Hill	336	C55	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
11336	Kern	Knob Hill	336	C56	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
11337	Kern	Knob Hill	336	C57	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
11338	Kern	Knob Hill	336	C58	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
11339	Kern	Knob Hill	336	C59	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
11340	Kern	Knob Hill	336	C60	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
11341	Kern	Knob Hill	336	C61	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
11342	Kern	Knob Hill	336	C62	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
11343	Kern	Knob Hill	336	C63	SE corner of map	5-N	Round Mtn silt		Middle Miocene			
11344	Kern	Knob Hill	336	E1	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11345	Kern	Knob Hill	336	E9	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11346	Kern	Knob Hill	336	F2	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11347	Kern	Knob Hill	336	F3	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11348	Kern	Knob Hill	336	F4	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11349	Kern	Knob Hill	336	X1	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11350	Kern	Knob Hill	336	X2	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11351	Kern	Knob Hill	336	X4	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11352	Kern	Knob Hill	336	X5	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11353	Kern	Knob Hill	336	X6	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11354	Kern	Knob Hill	336	X7	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11355	Kern	Knob Hill	336	X8	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11356	Kern	Knob Hill	336	X9	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11357	Kern	Knob Hill	336	X12	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11358	Kern	Knob Hill	336	X13	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11359	Kern	Knob Hill	336	X15	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11360	Kern	Knob Hill	336	Y4	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11361	Kern	Knob Hill	336	Y5	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11362	Kern	Knob Hill	336	Y8	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11363	Kern	Knob Hill	336	Y10	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11364	Kern	Knob Hill	336	Y11	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11365	Kern	Knob Hill	336	Y12	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11366	Kern	Knob Hill	336	Y13	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11367	Kern	Knob Hill	336	Y14	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11368	Kern	Knob Hill	336	Y17	SE corner of map	31-J	Round Mtn silt		Middle Miocene			
11369	Fresno	Kreyenhagen Hills	11795	2	Zapato Creek	260-D	Coalinga 15'		no paleo info			
11370	Fresno	Kreyenhagen Hills	11795	3	Zapato Creek	260-D	Coalinga 15'		no paleo info			
11371	Alameda	La Costa Valley	11789		Calaveras Road	169-C	Livermore 15'		Upper Miocene	Starke		
11372	Alameda	La Costa Valley	11790		Welch Creek	169-C	Livermore 15'		Upper Miocene	Starke		
11373	Alameda	La Costa Valley	22637		Calaveras Road	239-F	Livermore 15'		no paleo info			
11374	Alameda	La Costa Valley	22638		Calaveras Road	239-F	Livermore 15'		no paleo info			
11375	Alameda	La Costa Valley	22639		Calaveras Road	239-F	Livermore 15'		no paleo info			
11376	Los Angeles	La Habra	598	1	East Whittier	74-C	upper Repetto Fm	have map	Pliocene			
11377	Los Angeles	La Habra	601	59	East Whittier	74-I			Delmontian			
11378	Los Angeles	La Habra	605	1	East Whittier	73-L	see strat map		Pliocene			
11379	Los Angeles	La Habra	614	38	Arroyo Pescadero	74-E	see strat map		Delmontian			
11380	Los Angeles	La Habra	614	39	Arroyo Pescadero	74-E	loc # 598		Delmontian			
11381	Los Angeles	La Habra	614	42	Arroyo Pescadero	74-E			Delmontian			
11382	Los Angeles	La Habra	614	46	Arroyo Pescadero	74-E			Delmontian			
11383	Los Angeles	La Habra	614	47	Arroyo Pescadero	74-E			Delmontian			
11384	Los Angeles	La Habra	614	48	Arroyo Pescadero	74-E			Delmontian			
11385	Los Angeles	La Habra	614	49	Arroyo Pescadero	74-E			Delmontian			
11386	Los Angeles	La Habra	614	50	Arroyo Pescadero	74-E			Delmontian			
11387	Los Angeles	La Habra	614	51	Arroyo Pescadero	74-E			Delmontian			
11388	Los Angeles	La Habra	614	52	Arroyo Pescadero	74-E			Delmontian			
11389	Los Angeles	La Habra	614	53	Arroyo Pescadero	74-E			Delmontian			
11390	Los Angeles	La Habra	614	54	Arroyo Pescadero	74-E			Delmontian			
11391	Los Angeles	La Habra	614	55	Arroyo Pescadero	74-E			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		
11817	Los Angeles	La Habra	652	120	Arroyo San Miguel	76-G			Pliocene			
11818	Los Angeles	La Habra	652	121	Arroyo San Miguel	76-G			Pliocene			
11819	Los Angeles	La Habra	652	122	Arroyo San Miguel	76-G			Pliocene			
11820	Los Angeles	La Habra	652	123	Arroyo San Miguel	76-G			Pliocene			
11821	Los Angeles	La Habra	652	124	Arroyo San Miguel	76-G			Pliocene			
11822	Los Angeles	La Habra	652	125	Arroyo San Miguel	76-G			Pliocene			
11823	Los Angeles	La Habra	652	157	Arroyo San Miguel	76-G			Pliocene			
11824	Los Angeles	La Habra	652	158	Arroyo San Miguel	76-G			Pliocene			
11825	Los Angeles	La Habra	652	159	Arroyo San Miguel	76-G			Pliocene			
11826	Los Angeles	La Habra	652	160	Arroyo San Miguel	76-H			Pliocene			
11827	Los Angeles	La Habra	652	162	Arroyo San Miguel	76-H			Pliocene			
11828	Los Angeles	La Habra	652	163	Arroyo San Miguel	76-H			Pliocene			
11829	Los Angeles	La Habra	652	164	Arroyo San Miguel	76-H			Pliocene			
11830	Los Angeles	La Habra	652	166	Arroyo San Miguel	76-H			Pliocene			
11831	Los Angeles	La Habra	652	167	Arroyo San Miguel	76-H			Pliocene			
11832	Los Angeles	La Habra	652	168	Arroyo San Miguel	76-H			Pliocene			
11833	Los Angeles	La Habra	652	170	Arroyo San Miguel	76-H			Pliocene			
11834	Los Angeles	La Habra	652	171	Arroyo San Miguel	76-H			Pliocene			
11835	Los Angeles	La Habra	652	172	Arroyo San Miguel	76-H			Pliocene			
11836	Los Angeles	La Habra	652	173	Arroyo San Miguel	76-H			Pliocene			
11837	Los Angeles	La Habra	652	174	Arroyo San Miguel	76-H			Pliocene			
11838	Los Angeles	La Habra	4010		Hacienda Blvd	31-N			no paleo info			
11839	Los Angeles	La Habra	6663		Hacienda Blvd	78-H	Puente Hills		no paleo info			
11840	Los Angeles	La Habra	6664		N of La Habra Hts	78-H	Puente Hills		no paleo info			
11841	Los Angeles	La Habra	6665		N of La Habra Hts	78-H	Puente Hills		no paleo info			
11842	Los Angeles	La Habra	6666		Hacienda Blvd	74-C	Puente Hills		no paleo info			
11843	Los Angeles	La Habra	6667		N of La Habra Hts	74-C	Puente Hills		no paleo info			
11844	San Mateo	La Honda	2481		San Gregorio Cree	115-E	S Cruz 1:125K	13/7S/5W	Pliocene	Classen		
11845	San Mateo	La Honda	5010		San Gregorio Cree	16-K	15/7S/4W (SLP)		Saucesian	Starke		
11846	San Mateo	La Honda	5011		San Gregorio Cree	16-K			Saucesian	Starke		
11847	San Mateo	La Honda	5012		San Gregorio Cree	16-K			Saucesian?			
11848	San Mateo	La Honda	5012	RW	San Gregorio Cree	16-K			Saucesian?	Starke		
11849	San Mateo	La Honda	5013		San Gregorio Cree	16-K			Relizian?	Starke		
11850	San Mateo	La Honda	5014		San Gregorio Cree	16-K			Pliocene	Starke		
11851	San Mateo	La Honda	5020		Pomponio Ranch	16-K	30/7S/4W (SLP)		Miocene/Pliocene	Starke		
11852	San Mateo	La Honda	5026		Half Moon Bay 15'	92-C			no paleo info	Starke		
11853	San Mateo	La Honda	5027		Half Moon Bay 15'	92-C	see also SC	Laurel	not diagnostic	Starke		
11854	San Mateo	La Honda	5040	1	W of BM 219	116-N	17/7S/4W (SLP)		Saucesian	Starke		
11855	San Mateo	La Honda	5040	2	W of BM 219	116-N	17/7S/4W (SLP)		Saucesian	Starke		
11856	San Mateo	La Honda	5042		San Gregorio Ck	116-N	20/7S/4W (SLP)		Pliocene	Starke		
11857	San Mateo	La Honda	5696		NE part of quad	129-M	2/7S/4W (SLP)	Half MB 15'	Zemorrian	Starke		
11858	San Mateo	La Honda	5900		La Honda Road	126-M	14/7S/4W (SLP)		not diagnostic			
11859	San Mateo	La Honda	5901		San Gregorio Ck	126-M	22/7S/4W (SLP)		Saucesian			
11860	San Mateo	La Honda	5925		San Gregorio Ck	137-N	dupe in Woodside		Saucesian	Kraestch		
11861	San Mateo	La Honda	5926		San Gregorio Ck	137-N			Saucesian	Kraestch		
11862	San Mateo	La Honda	5927		San Gregorio Ck	137-N			Saucesian	Kraestch		
11863	San Mateo	La Honda	5928		Memorial Park Rd	137-N			Zemorrian	Kraestch		
11864	San Mateo	La Honda	5967		Rays Peak area	147-A	16/7S/4W (SLP)		Upper Miocene	Kraestch		
11865	San Mateo	La Honda	5968		Rays Peak area	147-A	15/7S/4W (SLP)		not diagnostic	Starke		
11866	San Mateo	La Honda	5969		Rays Peak area	147-A	Half Moon Bay 15'	15/7S/4W	Saucesian	Starke		
11867	San Mateo	La Honda	7096		Loma Mar	122-A	4/8S/4W (SLP)		not diagnostic	Starke		
11868	San Mateo	La Honda	7097		Loma Mar	122-A	4/8S/4W (SLP)		Miocene	Starke		
11869	San Mateo	La Honda	7098		Loma Mar	122-A	4/8S/4W (SLP)		not diagnostic	Starke		
11870	San Mateo	La Honda	7111		SW of Burns Rch	122-A	33/7S/4W (SLP)		Miocene/Pliocene	Starke		
11871	San Mateo	La Honda	7113	A	S of Mt Ellen	122-A	34/7S/4W (SLP)		not diagnostic	Starke		
11872	San Mateo	La Honda	7114	1	S of Mt Ellen	122-A	3/8S/4W (SLP)		not diagnostic	Starke		
11873	San Mateo	La Honda	7114	2	S of Mt Ellen	122-A	3/8S/4W (SLP)		not diagnostic	Starke		
11874	San Mateo	La Honda	7114	3	S of Mt Ellen	122-A	3/8S/4W (SLP)		not diagnostic	Starke		
11875	San Mateo	La Honda	7115		S of Mt Ellen	122-A	3/8S/4W (SLP)		not diagnostic	Starke		
11876	San Mateo	La Honda	7117		S of Mt Ellen	122-A	34/7S/4W (SLP)		not diagnostic	Starke		
11877	San Mateo	La Honda	7120		SE of Mt Ellen	122-A		34/7S/4W	Upper Miocene	Starke		
11878	San Mateo	La Honda	7120	RS	SE of Mt Ellen	122-A			Upper Miocene	Kraetsch		
11879	San Mateo	La Honda	7121		Pescadero Creek	122-A	3/8S/4W (SLP)		not diagnostic	Starke		
11880	San Mateo	La Honda	7122		Pescadero Creek	122-A	3/8S/4W (SLP)		not diagnostic	Starke		
11881	San Mateo	La Honda	7124		SE corner of quad	122-A	1/8S/4W (SLP)		check??	Starke		
11882	San Mateo	La Honda	7124		SE corner of quad	122-A	dupe in Mindego H		Refugian	Starke		
11883	San Mateo	La Honda	7124	RS	SE corner of quad	122-A	see loc #7097	few planktics	uncertain	Kraetsch		
11884	San Mateo	La Honda	7126		Dark Gulch	122-A	1/8S/4W (SLP)		U Eocene A zone	Starke		
11885	San Mateo	La Honda	7129		S of Worley Flat	122-A	5/8S/3W (SLP)		Relizian	Starke		
11886	San Mateo	La Honda	7130		Harwood Creek	122-A	2/8S/4W (SLP)	abun planktics	Eocene	Kraetsch		
11887	San Mateo	La Honda	7207		Pescadero Creek	104-M	2/8S/4W (SLP)	diatoms	barren of forams			
11888	San Mateo	La Honda	7498		La Honda Road	147-D	36/6S/4W (SLP)		U Eocene A zone	Kraetsch		
11889	San Mateo	La Honda	7499		La Honda Road	147-D	36/6S/4W (SLP)		not diagnostic	Kraetsch		
11890	San Mateo	La Honda	8854		NE corner of quad	147-E	dupe in Mindego H	rubber casts	Lower Zemorrian	Kraetsch		
11891	San Mateo	La Honda	8855		NE corner of quad	147-E	1/7S/4W (SLP)		not diagnostic	Kraetsch		
11892	San Mateo	La Honda	9161		Pescadero Creek	155-G			U Eocene A-1 zone	Starke		
11893	San Mateo	La Honda	9162		Pescadero Creek	155-G			U Eocene A-2 zone	Starke		
11894	San Mateo	La Honda	9163		Pescadero Creek	155-G		com planktics	U Eocene A zone	Starke		
11895	San Mateo	La Honda	24065	1	Bloomquist Creek	99-F	4/8S/4W (SLP)		Eocene			
11896	San Diego	La Jolla	523	1	La Jolla	82-E	La Jolla cliffs	All Cret??	no paleo info			
11897	San Diego	La Jolla	523	2	La Jolla	82-E	La Jolla cliffs		no paleo info			
11898	San Diego	La Jolla	523	3U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11899	San Diego	La Jolla	523	3L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11900	San Diego	La Jolla	523	4U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11901	San Diego	La Jolla	523	4L	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		
11902	San Diego	La Jolla	523	4LRW	La Jolla	82-E	La Jolla cliffs		no paleo info			
11903	San Diego	La Jolla	523	5	La Jolla	82-E	La Jolla cliffs		no paleo info			
11904	San Diego	La Jolla	523	6U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11905	San Diego	La Jolla	523	6L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11906	San Diego	La Jolla	523	6URW	La Jolla	82-E	La Jolla cliffs		no paleo info			
11907	San Diego	La Jolla	523	7U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11908	San Diego	La Jolla	523	7L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11909	San Diego	La Jolla	523	8U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11910	San Diego	La Jolla	523	8L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11911	San Diego	La Jolla	523	*9-1	La Jolla	82-E	La Jolla cliffs		no paleo info			
11912	San Diego	La Jolla	523	*9-2	La Jolla	82-E	La Jolla cliffs		no paleo info			
11913	San Diego	La Jolla	523	10U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11914	San Diego	La Jolla	523	10L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11915	San Diego	La Jolla	523	11L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11916	San Diego	La Jolla	523	12L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11917	San Diego	La Jolla	523	*13-1	La Jolla	82-E	La Jolla cliffs		no paleo info			
11918	San Diego	La Jolla	523	*13-2	La Jolla	82-E	La Jolla cliffs		no paleo info			
11919	San Diego	La Jolla	523	14U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11920	San Diego	La Jolla	523	14L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11921	San Diego	La Jolla	523	14RW	La Jolla	82-E	La Jolla cliffs		no paleo info			
11922	San Diego	La Jolla	523	15U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11923	San Diego	La Jolla	523	15L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11924	San Diego	La Jolla	523	15URW	La Jolla	82-E	La Jolla cliffs		no paleo info			
11925	San Diego	La Jolla	523	15LRW	La Jolla	82-E	La Jolla cliffs		no paleo info			
11926	San Diego	La Jolla	523	16U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11927	San Diego	La Jolla	523	16L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11928	San Diego	La Jolla	523	17U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11929	San Diego	La Jolla	523	17L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11930	San Diego	La Jolla	523	18U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11931	San Diego	La Jolla	523	18L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11932	San Diego	La Jolla	523	19U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11933	San Diego	La Jolla	523	19L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11934	San Diego	La Jolla	523	20U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11935	San Diego	La Jolla	523	20L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11936	San Diego	La Jolla	523	21U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11937	San Diego	La Jolla	523	21L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11938	San Diego	La Jolla	523	22U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11939	San Diego	La Jolla	523	22L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11940	San Diego	La Jolla	523	22URW	La Jolla	82-E	La Jolla cliffs		no paleo info			
11941	San Diego	La Jolla	523	24U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11942	San Diego	La Jolla	523	24L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11943	San Diego	La Jolla	523	25U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11944	San Diego	La Jolla	523	25L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11945	San Diego	La Jolla	523	26U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11946	San Diego	La Jolla	523	26L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11947	San Diego	La Jolla	523	27U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11948	San Diego	La Jolla	523	27L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11949	San Diego	La Jolla	523	28U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11950	San Diego	La Jolla	523	28L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11951	San Diego	La Jolla	523	28URW	La Jolla	82-E	La Jolla cliffs		no paleo info			
11952	San Diego	La Jolla	523	28LRW	La Jolla	82-E	La Jolla cliffs		no paleo info			
11953	San Diego	La Jolla	523	29U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11954	San Diego	La Jolla	523	29L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11955	San Diego	La Jolla	523	29LRW	La Jolla	82-E	La Jolla cliffs		no paleo info			
11956	San Diego	La Jolla	523	30U	La Jolla	82-E	La Jolla cliffs		no paleo info			
11957	San Diego	La Jolla	523	30L	La Jolla	82-E	La Jolla cliffs		no paleo info			
11958	San Diego	La Jolla	523	30URW	La Jolla	82-F	La Jolla cliffs		no paleo info			
11959	San Diego	La Jolla	523	30LRW	La Jolla	82-F	La Jolla cliffs		no paleo info			
11960	San Diego	La Jolla	523	31U	La Jolla	82-F	La Jolla cliffs		no paleo info			
11961	San Diego	La Jolla	523	31L	La Jolla	82-F	La Jolla cliffs		no paleo info			
11962	San Diego	La Jolla	523	31LRW	La Jolla	82-F	La Jolla cliffs		no paleo info			
11963	San Diego	La Jolla	523	32L	La Jolla	82-F	La Jolla cliffs		no paleo info			
11964	San Diego	La Jolla	523	32U	La Jolla	82-F	La Jolla cliffs		no paleo info			
11965	San Diego	La Jolla	523	32LRW	La Jolla	82-F	La Jolla cliffs		no paleo info			
11966	San Diego	La Jolla	523	33L	La Jolla	82-F	La Jolla cliffs		no paleo info			
11967	San Diego	La Jolla	523	33U	La Jolla	82-F	La Jolla cliffs		no paleo info			
11968	San Diego	La Jolla	6015		Clairemont	56-C			Eocene			
11969	San Diego	La Jolla	6016		Clairemont	56-C			Eocene			
11970	San Diego	La Jolla	6018		Mission Hills	56-C			Eocene			
11971	San Diego	La Jolla	6019		Mission Valley	56-C			Eocene			
11972	San Diego	La Jolla	6020		E of La Jolla	56-C			Eocene			
11973	San Diego	La Jolla	6021		Linda Vista	56-C			Eocene			
11974	San Diego	La Jolla	6432		Soledad Mtn	53-N			Cretaceous?			
11975	San Diego	La Jolla	6433		N of Bird Rock	53-N			Cretaceous			
11976	San Diego	La Jolla	9180	1	Torry Pines Rd	84-N			Eocene			
11977	San Diego	La Jolla	9180	2	Torry Pines Rd	84-N			Eocene			
11978	San Diego	La Jolla	9180	3	Torry Pines Rd	84-N			Eocene			
11979	San Diego	La Jolla	9180	4	Torry Pines Rd	84-N			Eocene			
11980	San Diego	La Jolla	9180	5	Torry Pines Rd	84-N			Eocene			
11981	San Diego	La Jolla	9180	6	Torry Pines Rd	84-N			Eocene			
11982	San Diego	La Jolla	9180	7	Torry Pines Rd	84-N			Eocene			
11983	San Diego	La Jolla	9180	8	Torry Pines Rd	84-N			Eocene			
11984	San Diego	La Jolla	9180	9	Torry Pines Rd	84-N			Eocene			
11985	San Diego	La Jolla	9180	10	Torry Pines Rd	84-N			Eocene			
11986	San Diego	La Jolla	9180	11	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/AG	COLLECTORS		
11987	San Diego	La Jolla	9180	12	Torry Pines Rd	84-N			Eocene			
11988	San Diego	La Jolla	9180	13	Torry Pines Rd	84-N		NP age	Middle Eocene			
11989	San Diego	La Jolla	9180	14	Torry Pines Rd	84-N			Eocene			
11990	San Diego	La Jolla	9180	15	Torry Pines Rd	84-N		has NP, no ag	Eocene			
11991	San Diego	La Jolla	9180	16	Torry Pines Rd	84-N		has NP, no ag	Eocene			
11992	San Diego	La Jolla	9180	17	Torry Pines Rd	84-N			Eocene			
11993	San Luis Obispo	La Panza	2787		Piletas Canyon	94-I	La Panza 15'		no paleo info	Papp &		
11994	San Luis Obispo	La Panza	2859		San Juan Creek	94-J	sa La Panza		no paleo info	Staples		
11995	San Luis Obispo	La Panza	2860		Placer Creek	94-J	La Panza 15'		no paleo info	Papp & S		
11996	San Luis Obispo	La Panza	2861		Willow Canyon	94-J	La Panza 15'		no paleo info	Papp & S		
11997	San Luis Obispo	La Panza	7281		San Juan Ck	138-N	La Panza 15'		M Miocene	Kraetsch		
11998	San Luis Obispo	La Panza	7282		San Juan Ck	138-N	La Panza 15'	many planktics	M Miocene	Kraetsch		
11999	San Luis Obispo	La Panza	7283		San Juan Ck	138-N	La Panza 15'		M Miocene	Kraetsch		
12000	San Luis Obispo	La Panza	7284		San Juan Ck	138-N	La Panza 15'		M Miocene?	Kraetsch		
12001	San Luis Obispo	La Panza	7285		San Juan Ck	138-N	La Panza 15'		M Miocene	Kraetsch		
12002	San Luis Obispo	La Panza	7286		San Juan Ck	138-N	La Panza 15'		Upper Saucesian	Kraetsch		
12003	San Luis Obispo	La Panza	7287		San Juan Ck	138-N	La Panza 15'	many planktics	Saucesian	Kraetsch		
12004	San Luis Obispo	La Panza	7288		Hay Canyon	138-N	La Panza 15'	many planktics	Luisian	Kraetsch		
12005	San Luis Obispo	La Panza	7289		Hay Canyon	138-N	La Panza 15'		M Miocene	Kraetsch		
12006	San Luis Obispo	La Panza	7515		Willow Cyn	157-L	La Panza 15'		Luisian	Lautensc.		
12007	San Luis Obispo	La Panza	7518		Hay Canyon	157-L	La Panza 15'		Lower Saucesian	Lautensc.		
12008	San Luis Obispo	La Panza	7519		Hay Canyon	157-L	La Panza 15'	com planktics	Lower Saucesian	Lautensc.		
12009	San Luis Obispo	La Panza	7520		Hay Canyon	157-L	La Panza 15'		Lower Saucesian	Lautensc.		
12010	San Luis Obispo	La Panza	7521		Hay Canyon	157-L	La Panza 15'	planktics freq	not diagnostic	Lautensc.		
12011	San Luis Obispo	La Panza	7522		Hay Canyon	157-L	La Panza 15'		Middle Miocene	Lautensc.		
12012	San Luis Obispo	La Panza	7524		Beartrap Creek	157-L	La Panza 15'		Luisian	Lautensc.		
12013	San Luis Obispo	La Panza	7525		Beartrap Creek	157-L	La Panza 15'		Luisian	Lautensc.		
12014	San Luis Obispo	La Panza	21067		Hay Canyon	189-B	La Panza 15'		Saucesian			
12015	San Luis Obispo	La Panza	21068		Hay Canyon	189-B	La Panza 15'		Luisian			
12016	San Luis Obispo	La Panza	21069		Hay Canyon	189-B	La Panza 15'		not diagnostic			
12017	San Luis Obispo	La Panza	21070		Hay Canyon	189-B	La Panza 15'		not diagnostic			
12018	San Luis Obispo	La Panza	21073		San Juan Creek	189-B	La Panza 15'		not diagnostic			
12019	San Luis Obispo	La Panza	21074		San Juan Creek	189-B	La Panza 15'		Luisian			
12020	San Luis Obispo	La Panza	21076		San Juan Creek	189-B	La Panza 15'		Miocene			
12021	San Luis Obispo	La Panza	23548	1	Hay Canyon	175-F	La Panza 15'		prob M Miocene	Elliott		
12022	San Luis Obispo	La Panza	23548	2	Hay Canyon	175-F	La Panza 15'		poss Relizian	Elliott		
12023	San Luis Obispo	La Panza	23550		Hay Canyon	175-F	La Panza 15'		barren	Elliott		
12024	San Luis Obispo	La Panza	23551	A	Hay Canyon	175-F	La Panza 15'		Saucesian	Elliott		
12025	San Luis Obispo	La Panza	23554		not found	175-F	La Panza 15'	rich fauna	Middle Miocene	Elliott		
12026	San Luis Obispo	La Panza	23555		Near La Panza	175-F	La Panza 15'		Lower Luisian	Elliott		
12027	San Luis Obispo	La Panza	23556		Near La Panza	175-F	La Panza 15'		Middle Miocene	Elliott		
12028	San Luis Obispo	La Panza	23557		not found	175-F	La Panza 15'	rich fauna	Luisian	Elliott		
12029	San Luis Obispo	La Panza	23558		Placer Creek	175-F	La Panza 15'		Middle Miocene	Elliott		
12030	San Luis Obispo	La Panza	23559		Placer Creek	175-F	La Panza 15'		Luisian	Elliott		
12031	San Luis Obispo	La Panza	23565	1	Hay Canyon	175-F	La Panza 15'	abun planktics	Saucesian	Elliott		
12032	San Luis Obispo	La Panza	23565	2	Hay Canyon	175-F	La Panza 15'	planktics com	Upper Saucesian	Elliott		
12033	San Luis Obispo	La Panza	23565	3	Hay Canyon	175-F	La Panza 15'	planktics com	Sauc/Relizian	Elliott		
12034	San Luis Obispo	La Panza	23565	4	Hay Canyon	175-F	La Panza 15'		Sauc/Relizian	Elliott		
12035	San Luis Obispo	La Panza	23565	5	Hay Canyon	175-F	La Panza 15'	abun planktics	Sauc/Relizian	Elliott		
12036	San Luis Obispo	La Panza	23565	6	Hay Canyon	175-F	La Panza 15'	abun planktics	Sauc/Relizian	Elliott		
12037	San Luis Obispo	La Panza	23565	7	Hay Canyon	175-F	La Panza 15'	abun planktics	Sauc/Relizian	Elliott		
12038	San Luis Obispo	La Panza	23566	2	Hay Canyon	175-F	La Panza 15'		Middle Miocene	Elliott		
12039	San Luis Obispo	La Panza	23592		Beartrap Spring	175-G	La Panza 15'		Saucesian	Elliott		
12040	San Luis Obispo	La Panza	23593		Beartrap Spring	175-G	La Panza 15'		Upper Saucesian	Elliott		
12041	San Luis Obispo	La Panza	23594	1A	Beartrap Spring	175-G	La Panza 15'		poss Saucesian	Elliott		
12042	San Luis Obispo	La Panza	23594	2	Beartrap Spring	175-G	La Panza 15'		Lower Relizian	Elliott		
12043	San Luis Obispo	La Panza	23594	5	Beartrap Spring	175-G	La Panza 15'		Middle Miocene	Elliott		
12044	San Luis Obispo	La Panza	23596		Willow Canyon	175-G	La Panza 15'		not diagnostic	Elliott		
12045	San Luis Obispo	La Panza	23597		Willow Canyon	175-G	La Panza 15'		Lower Relizian	Elliott		
12046	San Luis Obispo	La Panza	23599		Willow Canyon	175-G	La Panza 15'		not diagnostic	Elliott		
12047	San Luis Obispo	La Panza	23750		Willow Canyon	175-G	La Panza 15'		Middle Miocene	Elliott		
12048	San Luis Obispo	La Panza	23751		Willow Canyon	175-G	La Panza 15'		Middle Miocene	Elliott		
12049	San Luis Obispo	La Panza	23752		Willow Canyon	175-G	La Panza 15'		Relizian	Elliott		
12050	San Luis Obispo	La Panza	23753		Willow Canyon	175-G	La Panza 15'		not diagnostic	Elliott		
12051	San Luis Obispo	La Panza	23754		Willow Canyon	175-G	La Panza 15'		Lower Relizian	Elliott		
12052	San Luis Obispo	La Panza	23755		Willow Canyon	175-G	La Panza 15'		Middle Miocene	Elliott		
12053	San Luis Obispo	La Panza	23763	2	N of Hubbard Hill	175-G	La Panza 15'		not diagnostic	Elliott		
12054	San Luis Obispo	La Panza	23763	3	N of Hubbard Hill	175-G	La Panza 15'		Relizian	Elliott		
12055	San Luis Obispo	La Panza	23767		Willow Canyon	175-G	La Panza 15'		no paleo info	Elliott		
12056	San Luis Obispo	La Panza	7280		San Juan Ck	138-N	La Panza 15'		Luisian	Kraetsch		
12057	Kern	La Panza NE	11059	1	NE corner of quad	249-D	La Panza 15'		no paleo info	RBV-WJE		
12058	Kern	La Panza NE	11059	2	NE corner of quad	249-D	La Panza 15'		no paleo info	RBV-WJE		
12059	Kern	La Panza NE	11059	RW- 2	NE corner of quad	119-H	La Panza 15'		no paleo info	Elliott		
12060	Kern	La Panza NE	11060		NE corner of quad	249-D	La Panza 15'		no paleo info	RBV-WJE		
12061	Kern	La Panza NE	11060	1	NE corner of quad	119-H	also has #11076		no paleo info	Elliott		
12062	San Luis Obispo	La Panza Ranch	1526		San Juan Creek	68-I	La Panza 15'	Navajo Ridge	Middle Miocene	McMichael		
12063	San Luis Obispo	La Panza Ranch	1527		San Juan Creek	68-I	La Panza 15'	on slide	Middle Miocene	McMichael		
12064	San Luis Obispo	La Panza Ranch	1529		San Juan Creek	68-I	La Panza 15'		Middle Miocene	McMichael		
12065	San Luis Obispo	La Panza Ranch	1530		San Juan Creek	68-I	La Panza 15'		Middle Miocene	McMichael		
12066	San Luis Obispo	La Panza Ranch	1533		Navajo Creek	68-I	La Panza 15'		Middle Miocene	Reed & McM		
12067	San Luis Obispo	La Panza Ranch	1534		Navajo Creek	68-I	La Panza 15'		Middle Miocene	Reed & McM		
12068	San Luis Obispo	La Panza Ranch	1535		Navajo Creek	68-I	La Panza 15'		Middle Miocene	Reed & McM		
12069	San Luis Obispo	La Panza Ranch	1536		Navajo Creek	68-I	La Panza 15'		Middle Miocene	Reed & McM		
12070	San Luis Obispo	La Panza Ranch	1537		Navajo Creek	68-I	La Panza 15'		Middle Miocene	Reed & McM		
12071	San Luis Obispo	La Panza Ranch	1538		Navajo Creek	68-I	La Panza 15'		Middle Miocene	Reed & McM		

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		
12072	San Luis Obispo	La Panza Ranch	1547		Navajo Creek	40-G	La Panza 15'		Middle Miocene	Reed & McM		
12073	San Luis Obispo	La Panza Ranch	1548		Navajo Creek	40-G	La Panza 15'		Middle Miocene	Reed & McM		
12074	San Luis Obispo	La Panza Ranch	7279		Navajo Creek	86-M	La Panza 15'		Luisian	Kraetsch		
12075	San Luis Obispo	La Panza Ranch	7291		Navajo Creek	138-N	La Panza 15'		Middle Miocene	Kraetsch		
12076	San Luis Obispo	La Panza Ranch	7292		Navajo Creek	138-N	La Panza 15'		not diagnostic	Kraetsch		
12077	San Luis Obispo	La Panza Ranch	7294		Navajo Creek	138-N	La Panza 15'		not diagnostic	Kraetsch		
12078	San Luis Obispo	La Panza Ranch	8998		Navajo Ck area	156-I		shallow water	Upper Miocene	Ayres		
12079	San Luis Obispo	La Panza Ranch	8999		Navajo Ck area	156-I		shallow	prob U Miocene	Ayres		
12080	San Luis Obispo	La Panza Ranch	9000		Navajo Ck area	156-I		shallow	prob U Miocene	Ayres		
12081	San Luis Obispo	La Panza Ranch	9001		Navajo Ck area	156-J			prob U Miocene	Ayres		
12082	San Luis Obispo	La Panza Ranch	9002		Navajo Ck area	156-J		shallow	prob U Miocene	Ayres		
12083	San Luis Obispo	La Panza Ranch	9003		Navajo Ck area	156-J		shallow	prob U Miocene	Ayres		
12084	San Luis Obispo	La Panza Ranch	9004		Navajo Ck area	156-J		shallow	prob U Miocene	Ayres		
12085	San Luis Obispo	La Panza Ranch	9005		Navajo Ck area	156-J			Luisian	Ayres		
12086	San Luis Obispo	La Panza Ranch	9007		Navajo Ck area	156-J		shallow	prob U Miocene	Ayres		
12087	San Luis Obispo	La Panza Ranch	9008		Navajo Ck area	156-J			Luisian	Ayres		
12088	San Luis Obispo	La Panza Ranch	9009		Navajo Ck area	156-J			Luisian	Ayres		
12089	San Luis Obispo	La Panza Ranch	9010		Navajo Ck area	156-J		shallow	prob U Miocene	Ayres		
12090	San Luis Obispo	La Panza Ranch	9011		Navajo Ck area	156-J		shallow	prob U Miocene	Ayres		
12091	San Luis Obispo	La Panza Ranch	9012		Navajo Ck area	156-J		shallow	prob U Miocene	Ayres		
12092	San Luis Obispo	La Panza Ranch	9013		Navajo Ck area	156-J		shallow	Upper Miocene	Ayres		
12093	San Luis Obispo	La Panza Ranch	9166		center of quad	156-J	La Panza 15'		Upper Miocene	Ayres & L		
12094	San Luis Obispo	La Panza Ranch	9168		center of quad	156-J	La Panza 15'		Upper Miocene	Ayres & L		
12095	San Luis Obispo	La Panza Ranch	9169		San Juan Creek	156-J	La Panza 15'		Upper Miocene	Ayres & L		
12096	San Luis Obispo	La Panza Ranch	9170		center of quad	156-J	La Panza 15'		Upper Miocene	Ayres		
12097	San Luis Obispo	La Panza Ranch	9171		San Juan Creek	156-J	La Panza 15'		prob Luisian	Ayres		
12098	San Luis Obispo	La Panza Ranch	9172		San Juan Creek	156-J	La Panza 15'		Upper Miocene	Ayres		
12099	San Luis Obispo	La Panza Ranch	9173		San Juan Creek	156-J	La Panza 15'		Upper Miocene	Ayres		
12100	San Luis Obispo	La Panza Ranch	9174		San Juan Creek	156-J	La Panza 15'		Upper Miocene	Ayres		
12101	San Luis Obispo	La Panza Ranch	9175		San Juan Creek	156-J	La Panza 15'		not diagnostic	Ayres		
12102	Orange	Laguna Beach	654	50	Coyote Canyon	73-F			Saucesian			
12103	Orange	Laguna Beach	654	51	Coyote Canyon	73-F			Saucesian			
12104	Orange	Laguna Beach	654	53	Coyote Canyon	73-F			Saucesian			
12105	Orange	Laguna Beach	654	54	Coyote Canyon	73-F			Saucesian			
12106	Orange	Laguna Beach	654	56	Coyote Canyon	73-F			Saucesian			
12107	Orange	Laguna Beach	654	58	Coyote Canyon	73-F			Zemorrian			
12108	Orange	Laguna Beach	654	59	Coyote Canyon	73-F			Zemorrian			
12109	Orange	Laguna Beach	654	60	Coyote Canyon	73-F			Zemorrian			
12110	Orange	Laguna Beach	654	67	Coyote Canyon	73-F			Zemorrian			
12111	Orange	Laguna Beach	654	68	Coyote Canyon	73-F			Zemorrian			
12112	Orange	Laguna Beach	654	71	Coyote Canyon	73-F			Zemorrian			
12113	Orange	Laguna Beach	654	82	Coyote Canyon	73-F			Saucesian			
12114	Orange	Laguna Beach	654	89	Coyote Canyon	73-F			Saucesian			
12115	Orange	Laguna Beach	654	97	Coyote Canyon	73-F			Saucesian			
12116	Orange	Laguna Beach	654	99	Coyote Canyon	73-L			Saucesian			
12117	Orange	Laguna Beach	654	106	Coyote Canyon	73-F			Saucesian			
12118	Orange	Laguna Beach	654	108	Coyote Canyon	73-F			Saucesian			
12119	Orange	Laguna Beach	654	109	Coyote Canyon	73-F			Saucesian			
12120	Orange	Laguna Beach	654	110	Coyote Canyon	73-F			Saucesian			
12121	Orange	Laguna Beach	654	111	Coyote Canyon	73-F			Saucesian			
12122	Orange	Laguna Beach	654	112	Coyote Canyon	73-F			Saucesian			
12123	Orange	Laguna Beach	654	113	Coyote Canyon	73-F			Saucesian			
12124	Orange	Laguna Beach	654	115	Coyote Canyon	73-F			Saucesian			
12125	Orange	Laguna Beach	654	116	Coyote Canyon	73-F			Saucesian			
12126	Orange	Laguna Beach	654	117	Coyote Canyon	73-F			Saucesian			
12127	Orange	Laguna Beach	654	119	Coyote Canyon	73-F			Saucesian			
12128	Orange	Laguna Beach	655	3	Signal Peak	73-C	Strat column and		Middle Miocene			
12129	Orange	Laguna Beach	655	4	Signal Peak	73-C			Middle Miocene			
12130	Orange	Laguna Beach	655	6	Signal Peak	73-C			Middle Miocene			
12131	Orange	Laguna Beach	655	8	Signal Peak	73-C			Middle Miocene			
12132	Orange	Laguna Beach	655	9	Signal Peak	73-C			Middle Miocene			
12133	Orange	Laguna Beach	655	11	Signal Peak	73-C			Middle Miocene			
12134	Orange	Laguna Beach	655	19A	Signal Peak	73-C			Middle Miocene			
12135	Orange	Laguna Beach	655	21	Signal Peak	73-C			Middle Miocene			
12136	Orange	Laguna Beach	656	15	Moro Canyon	228-C			Middle Miocene			
12137	Orange	Laguna Beach	656	15RW	Moro Canyon	228-C			Middle Miocene			
12138	Orange	Laguna Beach	6024		Capistrano area	49-N	Bluebird Canyon		no paleo info	Weser		
12139	Orange	Laguna Beach	8509		Moro Canyon	73-C			no paleo info			
12140	Orange	Laguna Beach	8514		NW part of quad	73-C			no paleo info			
12141	Orange	Laguna Beach	8515	A	NW part of quad	73-C			no paleo info			
12142	Orange	Laguna Beach	8515	B	NW part of quad	73-C			no paleo info			
12143	Orange	Laguna Beach	8519		NW part of quad	73-C		age from map	Luisian			
12144	Orange	Laguna Beach	8521		NW part of quad	73-C			no paleo info			
12145	Merced	Laguna Seca Ranch	436	201	NE part of quad	142-C	Ortogonalita Peak 15'		barren or not diag	Porter		
12146	Merced	Laguna Seca Ranch	436	202	NE part of quad	142-C	Ortogonalita Peak 15'		barren or not diag	Porter		
12147	Merced	Laguna Seca Ranch	436	203	NE part of quad	142-C	Ortogonalita Peak 15'		barren or not diag	Porter		
12148	Merced	Laguna Seca Ranch	436	205	NE part of quad	142-C	Ortogonalita Peak 15'	age from map	U Cret D-2 zone	Porter		
12149	Merced	Laguna Seca Ranch	436	206	NE part of quad	142-C	Ortogonalita Peak 15'		barren or not diag	Porter		
12150	Merced	Laguna Seca Ranch	436	207	NE part of quad	142-C	Ortogonalita Peak 15'		barren or not diag	Porter		
12151	Merced	Laguna Seca Ranch	436	208	NE part of quad	142-C	Ortogonalita Peak 15'		barren or not diag	Porter		
12152	Merced	Laguna Seca Ranch	436	209	NE part of quad	142-C	Ortogonalita Peak 15'	age from map	U Cret D-1 zone	Porter		
12153	Merced	Laguna Seca Ranch	436	212	NE part of quad	142-C	Ortogonalita Peak 15'	age from map	U Cret D-1 zone	Porter		
12154	Merced	Laguna Seca Ranch	436	213	NE part of quad	142-C	Ortogonalita Peak 15'	age from map	U Cret D-1 zone	Porter		
12155	Merced	Laguna Seca Ranch	436	214	NE part of quad	142-C	Ortogonalita Peak 15'	age from map	U Cret D-1 zone	Porter		
12156	Merced	Laguna Seca Ranch	436	215A	NE part of quad	142-C	Ortogonalita Peak 15'	age from map	U Cret D-1 zone	Porter		

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1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
12412	Santa Barbara	Lake Cachuma	410	325	Tecolete Tunnel	83-C			Eocene			
12413	Santa Barbara	Lake Cachuma	410	326	Tecolete Tunnel	83-C			Eocene			
12414	Santa Barbara	Lake Cachuma	410	328	Tecolete Tunnel	83-C			Eocene			
12415	Santa Barbara	Lake Cachuma	410	332	Tecolete Tunnel	83-C			Eocene			
12416	Santa Barbara	Lake Cachuma	410	333	Tecolete Tunnel	83-C			Eocene			
12417	Santa Barbara	Lake Cachuma	410	353	Tecolete Tunnel	83-C			Eocene			
12418	Santa Barbara	Lake Cachuma	410	354	Tecolete Tunnel	83-C			Eocene			
12419	Santa Barbara	Lake Cachuma	410	358	Tecolete Tunnel	83-C			Eocene			
12420	Santa Barbara	Lake Cachuma	410	371	Tecolete Tunnel	83-C			Eocene			
12421	Santa Barbara	Lake Cachuma	410	372	Tecolete Tunnel	83-C			Eocene			
12422	Santa Barbara	Lake Cachuma	410	374	Tecolete Tunnel	83-C			Eocene			
12423	Santa Barbara	Lake Cachuma	410	375	Tecolete Tunnel	83-C			Eocene			
12424	Santa Barbara	Lake Cachuma	410	384	Tecolete Tunnel	83-C			Eocene			
12425	Santa Barbara	Lake Cachuma	410	390	Tecolete Tunnel	83-C			Eocene			
12426	Santa Barbara	Lake Cachuma	410	393	Tecolete Tunnel	83-C			Eocene			
12427	Santa Barbara	Lake Cachuma	410	395	Tecolete Tunnel	83-C			Eocene			
12428	Santa Barbara	Lake Cachuma	410	398	Tecolete Tunnel	83-C			Eocene			
12429	Santa Barbara	Lake Cachuma	410	417	Tecolete Tunnel	83-C			Eocene			
12430	Santa Barbara	Lake Cachuma	410	427	Tecolete Tunnel	83-C			Eocene			
12431	Santa Barbara	Lake Cachuma	410	428	Tecolete Tunnel	83-C			Eocene			
12432	Santa Barbara	Lake Cachuma	410	431	Tecolete Tunnel	83-C			Eocene			
12433	Santa Barbara	Lake Cachuma	410	433	Tecolete Tunnel	83-C			Eocene			
12434	Santa Barbara	Lake Cachuma	410	444	Tecolete Tunnel	83-C			Eocene			
12435	Santa Barbara	Lake Cachuma	410	445	Tecolete Tunnel	83-D			Eocene			
12436	Santa Barbara	Lake Cachuma	410	450	Tecolete Tunnel	83-D			Eocene			
12437	Santa Barbara	Lake Cachuma	410	462	Tecolete Tunnel	83-D			Eocene			
12438	Santa Barbara	Lake Cachuma	410	479	Tecolete Tunnel	83-D			Eocene			
12439	Santa Barbara	Lake Cachuma	410	483	Tecolete Tunnel	83-D			Eocene			
12440	Santa Barbara	Lake Cachuma	410	515	Tecolete Tunnel	83-D			Eocene			
12441	Santa Barbara	Lake Cachuma	410	516	Tecolete Tunnel	83-D			Eocene			
12442	Santa Barbara	Lake Cachuma	410	517	Tecolete Tunnel	83-D			Eocene			
12443	Santa Barbara	Lake Cachuma	410	545	Tecolete Tunnel	83-D			Eocene			
12444	Santa Barbara	Lake Cachuma	410	556	Tecolete Tunnel	83-D			Eocene			
12445	Santa Barbara	Lake Cachuma	410	557	Tecolete Tunnel	83-D			Eocene			
12446	Santa Barbara	Lake Cachuma	3682	A	S Marcos Pass Rd	69-J			Relizian		Kraetsch	
12447	Santa Barbara	Lake Cachuma	3682	B	S Marcos Pass Rd	69-J			Relizian		Kraetsch	
12448	Santa Barbara	Lake Cachuma	3842		Tequepis Canyon	69K			Upper Miocene		Kraetsch	
12449	Santa Barbara	Lake Cachuma	3843		Tequepis Canyon	69K			Miocene		Kraetsch	
12450	Santa Barbara	Lake Cachuma	3844		Tequepis Canyon	69K			poss Upper Miocene		Kraetsch	
12451	Santa Barbara	Lake Cachuma	3864		Hilton Canyon	69-K			not diagnostic		Kraetsch	
12452	Santa Barbara	Lake Cachuma	5910		Hot Spring Cyn	11-J			Eocene			
12453	Santa Barbara	Lake Cachuma	5911		Hot Spring Cyn	11-J			Eocene			
12454	Santa Barbara	Lake Cachuma	6695		Hot Springs Cyn	60-H			planktics only	Paleocene/Eocene		
12455	Santa Barbara	Lake Cachuma	6696		W of Hot Spr Cyn	60-H				Upper Cretaceous		
12456	Santa Barbara	Lake Cachuma	6697		W of Hot Spr Cyn	60-H				Upper Cretaceous		
12457	Santa Barbara	Lake Cachuma	6698		Tequepis Canyon	60-H				Paleocene		
12458	Santa Barbara	Lake Cachuma	6699		Tequepis Canyon	60-H				Paleocene		
12459	Santa Barbara	Lake Cachuma	6703		W Camino Cielo	60-M				no paleo info		
12460	Santa Barbara	Lake Cachuma	7663	LT	EC part of quad	66-L				Upper Zemorrian	Schweitzr	
12461	Santa Barbara	Lake Cachuma	7663	DK	EC part of quad	66-L				Upper Zemorrian	Schweitzr	
12462	Santa Barbara	Lake Cachuma	11379		EC part of quad	79-J				Saucesian	Kraetsch	
12463	Santa Barbara	Lake Cachuma	11465		S Marcos Pass Rd	79-J				Saucesian	Kraetsch	
12464	Santa Barbara	Lake Cachuma	11466		S Marcos Pass Rd	79-J				Relizian	Kraetsch	
12465	Santa Barbara	Lake Cachuma	11467		S Marcos Pass Rd	79-J				Upper Mohnian	Kraetsch	
12466	Santa Barbara	Lake Cachuma	11468		DeVaul Canyon	79-J				Relizian	Kraetsch	
12467	Santa Barbara	Lake Cachuma	11469		S Marcos Pass Rd	79-J			rubber casts	Upper Miocene	Kraetsch	
12468	Santa Barbara	Lake Cachuma	11470		S of Lake Cachuma	79-J				Saucesian	Kraetsch	
12469	Santa Barbara	Lake Cachuma	11471		S of Lake Cachuma	79-J				not diagnostic	Kraetsch	
12470	Santa Barbara	Lake Cachuma	11473		E of Camp Drake	79-J				Saucesian	Kraetsch	
12471	Santa Barbara	Lake Cachuma	11600		Santa Ynez River	79-J				Relizian	Kraetsch	
12472	Santa Barbara	Lake Cachuma	11617		Tequeps Canyon	79-K				Miocene	Kraetsch	
12473	Contra Costa	Las Trampas Ridge	18736	5	center of quad	89-C	San Leandro Res	auger holes E		not diagnostic		
12474	Contra Costa	Las Trampas Ridge	18736	8	center of quad	89-C	San Leandro Res	auger holes E		not diagnostic		
12475	Contra Costa	Las Trampas Ridge	18736	9	center of quad	89-C	San Leandro Res	auger holes E		not diagnostic		
12476	Kern	Las Yeguas Ranch	55	A	Media Agua Creek	57-H	Lot 55-A	strat column		no paleo info	Mallory	
12477	Kern	Las Yeguas Ranch	55	A1	Media Agua Creek	57-H	Lot 55-A	strat column		no paleo info	Mallory	
12478	Kern	Las Yeguas Ranch	55	A2	Media Agua Creek	57-H	Lot 55-A	strat column		no paleo info	Mallory	
12479	Kern	Las Yeguas Ranch	55	A3	Media Agua Creek	57-H	Lot 55-A	strat column		no paleo info	Mallory	
12480	Kern	Las Yeguas Ranch	55	A4	Media Agua Creek	57-H	Lot 55-A	strat column		no paleo info	Mallory	
12481	Kern	Las Yeguas Ranch	55	A5	Media Agua Creek	57-H	Lot 55-A	strat column		no paleo info	Mallory	
12482	Kern	Las Yeguas Ranch	55	A6	Media Agua Creek	57-H	Lot 55-A	strat column		no paleo info	Mallory	
12483	Kern	Las Yeguas Ranch	55	A6	Media Agua Creek	57-H	Lot 55-A	strat column		no paleo info	Mallory	
12484	Kern	Las Yeguas Ranch	55	A8	Media Agua Creek	57-H	Lot 55-A	strat column		no paleo info	Mallory	
12485	Kern	Las Yeguas Ranch	55	A9	Media Agua Creek	57-H	Lot 55-A	strat column		no paleo info	Mallory	
12486	Kern	Las Yeguas Ranch	55	A10	Media Agua Creek	57-H	Lot 55-A	strat column		no paleo info	Mallory	
12487	Kern	Las Yeguas Ranch	55	A11	Media Agua Creek	57-H	Lot 55-A	strat column		no paleo info	Mallory	
12488	Kern	Las Yeguas Ranch	55	A12	Media Agua Creek	57-H	Lot 55-A	strat column		no paleo info	Mallory	
12489	Kern	Las Yeguas Ranch	55	A13	Media Agua Creek	57-H	Lot 55-A	strat column		no paleo info	Mallory	
12490	Kern	Las Yeguas Ranch	55	A14	Media Agua Creek	57-H	Lot 55-A	strat column		no paleo info	Mallory	
12491	Kern	Las Yeguas Ranch	55	A15	Media Agua Creek	57-H	Lot 55-A	strat column		no paleo info	Mallory	
12492	Kern	Las Yeguas Ranch	55	A16	Media Agua Creek	57-H	Lot 55-A	strat column		no paleo info	Mallory	
12493	Kern	Las Yeguas Ranch	55	B2	Media Agua Creek	57-H	Lot 55-B	strat column		no paleo info	Mallory	
12494	Kern	Las Yeguas Ranch	55	B3	Media Agua Creek	57-H	Lot 55-B	strat column		no paleo info	Mallory	
12495	Kern	Las Yeguas Ranch	55	B4	Media Agua Creek	57-H	Lot 55-B	strat column		no paleo info	Mallory	
12496	Kern	Las Yeguas Ranch	55	B5	Media Agua Creek	57-H	Lot 55-B	strat column		no paleo info	Mallory	

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		
12837	San Luis Obispo	Las Yeguas Ranch	2209		SE corner of quad	89-L			no paleo info	Papp		
12838	San Luis Obispo	Las Yeguas Ranch	2210		SE corner of quad	89-L			no paleo info	Papp		
12839	San Luis Obispo	Las Yeguas Ranch	2213		SE corner of quad	89-L			no paleo info	Papp		
12840	San Luis Obispo	Las Yeguas Ranch	2214		SE corner of quad	89-L			no paleo info	Papp		
12841	Kern	Las Yeguas Ranch	2224		Media Agua Creek	73-D			no paleo info	Bahr		
12842	Kern	Las Yeguas Ranch	2225		Media Agua Creek	73-D			no paleo info	Bahr		
12843	Kern	Las Yeguas Ranch	2227		NE part of quad	73-D			no paleo info	Bahr		
12844	Kern	Las Yeguas Ranch	2418		NE corner of quad	82-E			no paleo info			
12845	Kern	Las Yeguas Ranch	2419		NE corner of quad	82-E			no paleo info			
12846	Kern	Las Yeguas Ranch	2420		Santos Creek	82-E			no paleo info			
12847	Kern	Las Yeguas Ranch	2421		NE corner of quad	82-E			no paleo info			
12848	Kern	Las Yeguas Ranch	2422		NE corner of quad	82-E			no paleo info	Ivanhoe		
12849	Kern	Las Yeguas Ranch	2423		NE corner of quad	82-E			no paleo info	Ivanhoe		
12850	Kern	Las Yeguas Ranch	2425		not found	82-E			no paleo info	Ivanhoe		
12851	Kern	Las Yeguas Ranch	2426		not found	82-E			no paleo info	Ivanhoe		
12852	San Luis Obispo	Las Yeguas Ranch	2434		EC part of quad	82-E			no paleo info	Ivanhoe		
12853	Kern	Las Yeguas Ranch	2435		EC part of quad	82-E			no paleo info	Ivanhoe		
12854	Kern	Las Yeguas Ranch	2436		not found	82-E			no paleo info	Ivanhoe		
12855	Kern	Las Yeguas Ranch	2439		Santos Creek	82-E			no paleo info	Ivanhoe		
12856	Kern	Las Yeguas Ranch	2440		Santos Creek	82-E			no paleo info	Ivanhoe		
12857	Kern	Las Yeguas Ranch	2441		Santos Creek	82-E			no paleo info	Ivanhoe		
12858	Kern	Las Yeguas Ranch	2442		Santos Creek	82-E			no paleo info	Ivanhoe		
12859	Kern	Las Yeguas Ranch	2443		Santos Creek	82-E			no paleo info	Ivanhoe		
12860	Kern	Las Yeguas Ranch	2444		Santos Creek	82-E			no paleo info	Ivanhoe		
12861	Kern	Las Yeguas Ranch	2452		NE part of quad	82-E			no paleo info	Ivanhoe		
12862	Kern	Las Yeguas Ranch	2453		NE part of quad	82-E			no paleo info	Ivanhoe		
12863	Kern	Las Yeguas Ranch	2454		NE part of quad	82-E			no paleo info	Ivanhoe		
12864	Kern	Las Yeguas Ranch	2460		NE corner of quad	82-E			no paleo info	Ivanhoe		
12865	Kern	Las Yeguas Ranch	2461		NE corner of quad	82-E			no paleo info	Ivanhoe		
12866	Kern	Las Yeguas Ranch	2592		McLean Spring	5-H			no paleo info	Gealey &		
12867	San Luis Obispo	Las Yeguas Ranch	2735		not found	73-D	sa #2772	good fauna	have NP list on ca	Bahr		
12868	Kern	Las Yeguas Ranch	2772		NE part of quad	73-D			no paleo info	Bahr		
12869	Kern	Las Yeguas Ranch	2937		Carneros Creek	31-I		age from slide	L Eocene C zone	Barlow		
12870	Kern	Las Yeguas Ranch	2948		Media Agua Ck	73-D	see also #3325		no paleo info			
12871	Kern	Las Yeguas Ranch	2948		Media Agua Ck	73-D			no paleo info	Bahr		
12872	Kern	Las Yeguas Ranch	2949		Media Agua Ck	73-D	see also #3325		no paleo info	Bahr		
12873	Kern	Las Yeguas Ranch	3325		Media Agua Creek	73-D	see # 2948		no paleo info	Bahr		
12874	Kern	Las Yeguas Ranch	3326	1	Media Agua Creek	73-D	Temblor Range		no paleo info	Bahr		
12875	Kern	Las Yeguas Ranch	3326	2	Media Agua Creek	73-D	Temblor Range		no paleo info	Bahr		
12876	Kern	Las Yeguas Ranch	3327	1	Media Agua Creek	73-D	Temblor Range		no paleo info	Bahr		
12877	Kern	Las Yeguas Ranch	3327	2	Media Agua Creek	73-D	Temblor Range		no paleo info	Bahr		
12878	Kern	Las Yeguas Ranch	3334		center of quad	73-D	Temblor Range		no paleo info	Bahr		
12879	Kern	Las Yeguas Ranch	11041	1	NE part of quad	249-D			no paleo info	RBV-WJE		
12880	San Luis Obispo	Las Yeguas Ranch	11042	1	Cottonwood Spr	249-D	confirmed location		no paleo info	RBV-WJE		
12881	San Luis Obispo	Las Yeguas Ranch	11042	2	Cottonwood Spr	249-D			no paleo info	RBV-WJE		
12882	San Luis Obispo	Las Yeguas Ranch	11044	1	Cottonwood Spr	249-D			no paleo info	RBV-WJE		
12883	San Luis Obispo	Las Yeguas Ranch	11045	1	Carneros Canyon	249-D			no paleo info	RBV-WJE		
12884	San Luis Obispo	Las Yeguas Ranch	11045	1	Carneros Canyon	119-H		auger	no paleo info	WJE		
12885	San Luis Obispo	Las Yeguas Ranch	11046	1	Carneros Canyon	249-D			no paleo info	RBV-WJE		
12886	San Luis Obispo	Las Yeguas Ranch	11046	2	Carneros Canyon	249-D			no paleo info	RBV-WJE		
12887	San Luis Obispo	Las Yeguas Ranch	11046	3	Carneros Canyon	249-D			no paleo info	RBV-WJE		
12888	San Luis Obispo	Las Yeguas Ranch	11046	1RW	Temblor Range	119-H			no paleo info	Elliott		
12889	San Luis Obispo	Las Yeguas Ranch	11047	1	Carneros Canyon	249-D			no paleo info	RBV-WJE		
12890	San Luis Obispo	Las Yeguas Ranch	11047	RW	Temblor	119-H			no paleo info	Elliott		
12891	San Luis Obispo	Las Yeguas Ranch	11048	1	McClain Spring	249-D			no paleo info	RBV-WJE		
12892	San Luis Obispo	Las Yeguas Ranch	11048	2	McClain Spring	249-D			no paleo info	RBV-WJE		
12893	San Luis Obispo	Las Yeguas Ranch	11049	1	Walnut Creek	249-D	confirmed location	(confusion with	no paleo info	RBV-WJE		
12894	Kern	Las Yeguas Ranch	11050	1	Walnut Creek	249-D	S Barbara # 79-I)		no paleo info	RBV-WJE		
12895	San Luis Obispo	Las Yeguas Ranch	11063	1	SE corner of quad	249-D	Twisselman camp		no paleo info	RBV-WJE		
12896	San Luis Obispo	Las Yeguas Ranch	11063	2	SE corner of quad	249-D	Twisselman camp		no paleo info	RBV-WJE		
12897	San Luis Obispo	Las Yeguas Ranch	11068		SE corner of quad	249-D			no paleo info	RBV-WJE		
12898	San Luis Obispo	Las Yeguas Ranch	11069		E of McClain Spring	249-D	Twisselman camp		no paleo info	RBV-WJE		
12899	San Luis Obispo	Las Yeguas Ranch	11071		SE corner of quad	249-D	Twisselman camp		no paleo info	RBV-WJE		
12900	San Luis Obispo	Las Yeguas Ranch	11071	1	SE corner of quad	249-D	Twisselman camp		no paleo info	RBV-WJE		
12901	San Luis Obispo	Las Yeguas Ranch	11071	A	SE corner of quad	249-D	Twisselman camp		no paleo info	RBV-WJE		
12902	San Luis Obispo	Las Yeguas Ranch	11072	1	SE corner of quad	249-D	Twisselman camp		no paleo info	RBV-WJE		
12903	San Luis Obispo	Las Yeguas Ranch	11072	2	SE corner of quad	249-D	Twisselman camp		no paleo info	RBV-WJE		
12904	San Luis Obispo	Las Yeguas Ranch	11073		McClain Springs	249-D			no paleo info	RBV-WJE		
12905	San Luis Obispo	Las Yeguas Ranch	11075		SC part of quad	249-D	Twisselman camp		no paleo info	RBV-WJE		
12906	San Luis Obispo	Las Yeguas Ranch	11076	1	McClain Spring	249-D			no paleo info	RBV-WJE		
12907	San Luis Obispo	Las Yeguas Ranch	11076	2	McClain Spring	249-D			no paleo info	RBV-WJE		
12908	San Luis Obispo	Las Yeguas Ranch	11076	1	McClain Spring	119-H	see #11060		no paleo info	Elliott		
12909	San Luis Obispo	Las Yeguas Ranch	11077		McClain Spring	249-D			no paleo info	RBV-WJE		
12910	San Luis Obispo	Las Yeguas Ranch	11078	A	E McClain Spring	249-D			no paleo info	RBV-WJE		
12911	San Luis Obispo	Las Yeguas Ranch	11078	A-RW	E McClain Spring	119-H			no paleo info	RBV-WJE		
12912	San Luis Obispo	Las Yeguas Ranch	11078	B	E McClain Spring	249-D			no paleo info	RBV-WJE		
12913	San Luis Obispo	Las Yeguas Ranch	11078	B-RW	E McClain Spring	119-H			no paleo info	RBV-WJE		
12914	San Luis Obispo	Las Yeguas Ranch	11079	1	Temblor Range	249-D	not on map	Ross Ranch	no paleo info	RBV-WJE		
12915	San Luis Obispo	Las Yeguas Ranch	11079	1-RW	Temblor Range	119-H	not on map		no paleo info	Elliott		
12916	San Luis Obispo	Las Yeguas Ranch	11079	2	Temblor Range	249-D	not on map		no paleo info	RBV-WJE		
12917	San Luis Obispo	Las Yeguas Ranch	11079	2-RW	Temblor Range	119-H	not on map		no paleo info	Elliott		
12918	San Luis Obispo	Las Yeguas Ranch	11079	3	Temblor Range	249-D	not on map		no paleo info	RBV-WJE		
12919	San Luis Obispo	Las Yeguas Ranch	11079	3-RW	Temblor Range	119-H	not on map		no paleo info	Elliott		
12920	San Luis Obispo	Las Yeguas Ranch	11079	4	McClain Spring	249-D	not on map		no paleo info	RBV-WJE		
12921	San Luis Obispo	Las Yeguas Ranch	11080	1	McClain Spring	249-D	not on map		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	ONE/SERIES/AG	COLLECTORS		
12922	San Luis Obispo	Las Yeguas Ranch	11080	2	Ross Ranch	249-E	not on map		no paleo info	RBV-WJE		
12923	San Luis Obispo	Las Yeguas Ranch	11081		center of quad	249-E			no paleo info	RBV-WJE		
12924	San Luis Obispo	Las Yeguas Ranch	11082	1	Caneros Canyon	249-E	Rector Ranch slide		no paleo info	WJE		
12925	San Luis Obispo	Las Yeguas Ranch	11082	2	Caneros Canyon	249-E	EC part of quad		no paleo info	WJE		
12926	San Luis Obispo	Las Yeguas Ranch	11082	3	Caneros Canyon	249-E			no paleo info	WJE		
12927	San Luis Obispo	Las Yeguas Ranch	11082	4	Caneros Canyon	249-E			no paleo info	WJE		
12928	San Luis Obispo	Las Yeguas Ranch	11082	5	Caneros Canyon	249-E			no paleo info	WJE		
12929	San Luis Obispo	Las Yeguas Ranch	11082	6	Caneros Canyon	249-E			no paleo info	WJE		
12930	San Luis Obispo	Las Yeguas Ranch	11082	7	Caneros Canyon	249-E			no paleo info	WJE		
12931	San Luis Obispo	Las Yeguas Ranch	11083		Las Yeguas Rnch	249-E			no paleo info	RBV-WJE		
12932	San Luis Obispo	Las Yeguas Ranch	11338	1A	SE corner quad	58-D			no paleo info	WJE/RBV		
12933	San Luis Obispo	Las Yeguas Ranch	11339	1	SE corner quad	58-D			no paleo info	WJE/RBV		
12934	San Luis Obispo	Las Yeguas Ranch	11339	2	SE corner quad	58-D			no paleo info	WJE/RBV		
12935	San Luis Obispo	Las Yeguas Ranch	11340	4A	not on map	58-D			no paleo info	WJE/RBV		
12936	San Luis Obispo	Las Yeguas Ranch	11341	5A	not on map	58-D			no paleo info	WJE/RBV		
12937	San Luis Obispo	Las Yeguas Ranch	11342	1	E of cottonwood S	58-D			no paleo info	WJE/RBV		
12938	San Luis Obispo	Las Yeguas Ranch	11342	2	E of cottonwood S	58-D			no paleo info	Kraetsch		
12939	San Luis Obispo	Las Yeguas Ranch	11342	3	E of cottonwood S	58-D			no paleo info	WJE/RBV		
12940	Kern	Las Yeguas Ranch	11343	9A	Near Wygal Spr	58-D			no paleo info	Kraetsch		
12941	Kern	Las Yeguas Ranch	11344	10A	Las Yeguas Creek	58-D			no paleo info	WJE/RBV		
12942	Kern	Las Yeguas Ranch	11345	11A	Las Yeguas Creek	58-D			no paleo info	Kraetsch		
12943	Kern	Las Yeguas Ranch	13935	slide1	Media Agua Creek	221-F	Have strat column and check list		Eocene	HLL-GLP		
12944	Kern	Las Yeguas Ranch	13935	1	Media Agua Creek	221-G	type Temblor area		Eocene	HLL-GLP		
12945	Kern	Las Yeguas Ranch	13935	5	Media Agua Creek	221-G			Eocene	HLL-GLP		
12946	Kern	Las Yeguas Ranch	13935	10	Media Agua Creek	221-G			Eocene	HLL-GLP		
12947	Kern	Las Yeguas Ranch	13935	12	Media Agua Creek	221-G			Eocene	HLL-GLP		
12948	Kern	Las Yeguas Ranch	13935	13	Media Agua Creek	221-G			Eocene	HLL-GLP		
12949	Kern	Las Yeguas Ranch	13935	18	Media Agua Creek	221-G			Eocene	HLL-GLP		
12950	Kern	Las Yeguas Ranch	13935	20	Media Agua Creek	221-G			Eocene	HLL-GLP		
12951	Kern	Las Yeguas Ranch	13935	21	Media Agua Creek	221-G			Eocene	HLL-GLP		
12952	Kern	Las Yeguas Ranch	13935	23	Media Agua Creek	221-G			Zemorian	HLL-GLP		
12953	Kern	Las Yeguas Ranch	13935	26	Media Agua Creek	221-G			Zemorian	HLL-GLP		
12954	Kern	Las Yeguas Ranch	13935	27	Media Agua Creek	221-G			Zemorian	HLL-GLP		
12955	Kern	Las Yeguas Ranch	13935	28	Media Agua Creek	221-G			Zemorian	HLL-GLP		
12956	Kern	Las Yeguas Ranch	13935	29	Media Agua Creek	221-G			Zemorian	HLL-GLP		
12957	Kern	Las Yeguas Ranch	13935	30	Media Agua Creek	221-G			Zemorian	HLL-GLP		
12958	Kern	Las Yeguas Ranch	13935	31	Media Agua Creek	221-G			Zemorian	HLL-GLP		
12959	Kern	Las Yeguas Ranch	13935	32	Media Agua Creek	221-G			Zemorian	HLL-GLP		
12960	Kern	Las Yeguas Ranch	13935	33	Media Agua Creek	221-G			Zemorian	HLL-GLP		
12961	Kern	Las Yeguas Ranch	13935	34	Media Agua Creek	221-G			Zemorian	HLL-GLP		
12962	Kern	Las Yeguas Ranch	13935	35	Media Agua Creek	221-G			not diagnostic	HLL-GLP		
12963	Kern	Las Yeguas Ranch	13935	36	Media Agua Creek	221-G			not diagnostic	HLL-GLP		
12964	Kern	Las Yeguas Ranch	13935	37	Media Agua Creek	221-F			not diagnostic	HLL-GLP		
12965	Kern	Las Yeguas Ranch	13935	38	Media Agua Creek	221-F			not diagnostic	HLL-GLP		
12966	Kern	Las Yeguas Ranch	13935	39	Media Agua Creek	221-F			not diagnostic	HLL-GLP		
12967	Kern	Las Yeguas Ranch	13935	40	Media Agua Creek	221-F			not diagnostic	HLL-GLP		
12968	Kern	Las Yeguas Ranch	13935	41	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12969	Kern	Las Yeguas Ranch	13935	42	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12970	Kern	Las Yeguas Ranch	13935	45	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12971	Kern	Las Yeguas Ranch	13935	47	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12972	Kern	Las Yeguas Ranch	13935	48	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12973	Kern	Las Yeguas Ranch	13935	49	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12974	Kern	Las Yeguas Ranch	13935	50	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12975	Kern	Las Yeguas Ranch	13935	51	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12976	Kern	Las Yeguas Ranch	13935	52	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12977	Kern	Las Yeguas Ranch	13935	53	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12978	Kern	Las Yeguas Ranch	13935	54	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12979	Kern	Las Yeguas Ranch	13935	55	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12980	Kern	Las Yeguas Ranch	13935	56	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12981	Kern	Las Yeguas Ranch	13935	57	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12982	Kern	Las Yeguas Ranch	13935	59	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12983	Kern	Las Yeguas Ranch	13935	59F	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12984	Kern	Las Yeguas Ranch	13935	60	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12985	Kern	Las Yeguas Ranch	13935	61	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12986	Kern	Las Yeguas Ranch	13935	62	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12987	Kern	Las Yeguas Ranch	13935	63	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12988	Kern	Las Yeguas Ranch	13935	64	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12989	Kern	Las Yeguas Ranch	13935	65	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12990	Kern	Las Yeguas Ranch	13935	66	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12991	Kern	Las Yeguas Ranch	13935	67	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12992	Kern	Las Yeguas Ranch	13935	68	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12993	Kern	Las Yeguas Ranch	13935	69	Media Agua Creek	221-F			Saucesian	HLL-GLP		
12994	Kern	Las Yeguas Ranch	13935	70	Media Agua Creek	221-A			Saucesian	HLL-GLP		
12995	Kern	Las Yeguas Ranch	13935	71	Media Agua Creek	221-A			Saucesian	HLL-GLP		
12996	Kern	Las Yeguas Ranch	13935	72	Media Agua Creek	221-A			Saucesian	HLL-GLP		
12997	Kern	Las Yeguas Ranch	13935	75	Media Agua Creek	221-A			Upper Relizian	HLL-GLP		
12998	Kern	Las Yeguas Ranch	13935	85	Media Agua Creek	221-A			Upper Relizian	HLL-GLP		
12999	Kern	Las Yeguas Ranch	13935	89	Media Agua Creek	221-A			Upper Relizian	HLL-GLP		
13000	Kern	Las Yeguas Ranch	13935	92	Media Agua Creek	221-A			Upper Relizian	HLL-GLP		
13001	Kern	Las Yeguas Ranch	13935	95	Media Agua Creek	221-A			Upper Relizian	HLL-GLP		
13002	Kern	Las Yeguas Ranch	13935	96F	Media Agua Creek	221-A			Upper Relizian	HLL-GLP		
13003	Kern	Las Yeguas Ranch	13935	100	Media Agua Creek	221-A			Upper Relizian	HLL-GLP		
13004	Kern	Las Yeguas Ranch	13935	103	Media Agua Creek	221-A			Upper Relizian	HLL-GLP		
13005	Kern	Las Yeguas Ranch	13935	106	Media Agua Creek	221-A			Upper Relizian	HLL-GLP		
13006	Kern	Las Yeguas Ranch	13935	108	Media Agua Creek	221-A			Upper Relizian	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		
13007	Kern	Las Yeguas Ranch	13936	4	NE part of quad	221-I			Eocene	HLL-GLP		
13008	Kern	Las Yeguas Ranch	13936	5	NE part of quad	221-I			Zemorrian	HLL-GLP		
13009	Kern	Las Yeguas Ranch	13936	6	NE part of quad	221-I			Zemorrian	HLL-GLP		
13010	Kern	Las Yeguas Ranch	13936	7	NE part of quad	221-I			Zemorrian	HLL-GLP		
13011	Kern	Las Yeguas Ranch	13936	8A	NE part of quad	221-I			Zemorrian	HLL-GLP		
13012	Kern	Las Yeguas Ranch	13936	8B	NE part of quad	221-I			Zemorrian	HLL-GLP		
13013	Kern	Las Yeguas Ranch	13936	9	NE part of quad	221-I			Zemorrian	HLL-GLP		
13014	Kern	Las Yeguas Ranch	13936	10	NE part of quad	221-I			Zemorrian	HLL-GLP		
13015	Kern	Las Yeguas Ranch	13936	11	NE part of quad	221-I			Zemorrian	HLL-GLP		
13016	Kern	Las Yeguas Ranch	13936	12	NE part of quad	221-I			Zemorrian	HLL-GLP		
13017	Kern	Las Yeguas Ranch	13936	13	NE part of quad	221-I			Zemorrian	HLL-GLP		
13018	Kern	Las Yeguas Ranch	13936	14	NE part of quad	221-I			Zemorrian	HLL-GLP		
13019	Kern	Las Yeguas Ranch	13936	15	NE part of quad	221-I			Saucesian	HLL-GLP		
13020	Kern	Las Yeguas Ranch	13936	16	NE part of quad	221-I			Saucesian	HLL-GLP		
13021	Kern	Las Yeguas Ranch	13936	17	NE part of quad	221-I	faulted and repeated		Zemorrian	HLL-GLP		
13022	Kern	Las Yeguas Ranch	13936	18	NE part of quad	221-I			Zemorrian	HLL-GLP		
13023	Kern	Las Yeguas Ranch	13936	19	NE part of quad	221-I			Zemorrian	HLL-GLP		
13024	Kern	Las Yeguas Ranch	13936	20	NE part of quad	221-I			Zemorrian	HLL-GLP		
13025	Kern	Las Yeguas Ranch	13936	21	NE part of quad	221-I			Zemorrian	HLL-GLP		
13026	Kern	Las Yeguas Ranch	13936	22	NE part of quad	221-I			Zemorrian	HLL-GLP		
13027	Kern	Las Yeguas Ranch	13936	23	NE part of quad	221-I			Zemorrian	HLL-GLP		
13028	Kern	Las Yeguas Ranch	13936	24	NE part of quad	221-I			Saucesian	HLL-GLP		
13029	Kern	Las Yeguas Ranch	13936	25	NE part of quad	221-I			Saucesian	HLL-GLP		
13030	Kern	Las Yeguas Ranch	13936	26	NE part of quad	221-I			Saucesian	HLL-GLP		
13031	Kern	Las Yeguas Ranch	13936	27	NE part of quad	221-I			Saucesian	HLL-GLP		
13032	Kern	Las Yeguas Ranch	13936	29	NE part of quad	221-I			Saucesian	HLL-GLP		
13033	Kern	Las Yeguas Ranch	13936	30	NE part of quad	221-I			Saucesian	HLL-GLP		
13034	Kern	Las Yeguas Ranch	13936	31	NE part of quad	221-I			Saucesian	HLL-GLP		
13035	Kern	Las Yeguas Ranch	13936	32	NE part of quad	221-I			Saucesian	HLL-GLP		
13036	Kern	Las Yeguas Ranch	13936	33	NE part of quad	221-I			Saucesian	HLL-GLP		
13037	Kern	Las Yeguas Ranch	13936	35	NE part of quad	221-I			Saucesian	HLL-GLP		
13038	Kern	Las Yeguas Ranch	13936	36	NE part of quad	221-I			Saucesian	HLL-GLP		
13039	Kern	Las Yeguas Ranch	13936	37	NE part of quad	221-I			Saucesian	HLL-GLP		
13040	Kern	Las Yeguas Ranch	13936	38	NE part of quad	221-I			Saucesian	HLL-GLP		
13041	Kern	Las Yeguas Ranch	13936	39	NE part of quad	221-I			Saucesian	HLL-GLP		
13042	Kern	Las Yeguas Ranch	13936	40	NE part of quad	221-I			Luisian	HLL-GLP		
13043	Kern	Las Yeguas Ranch	33838	1A	Media Agua Creek	121-M			no paleo info	Kraetsch		
13044	Kern	Las Yeguas Ranch	33838	2A	Media Agua Creek	121-M			no paleo info	Kraetsch		
13045	Kern	Las Yeguas Ranch	33838	3	Media Agua Creek	121-M			no paleo info	Kraetsch		
13046	Kern	Las Yeguas Ranch	33838	4	Media Agua Creek	121-M			no paleo info	Kraetsch		
13047	Kern	Las Yeguas Ranch	33838	5	Media Agua Creek	121-M			no paleo info	Kraetsch		
13048	Kern	Las Yeguas Ranch	33838	6	Media Agua Creek	121-M			no paleo info	Kraetsch		
13049	Kern	Las Yeguas Ranch	33838	7	Media Agua Creek	121-M			no paleo info	Kraetsch		
13050	Kern	Las Yeguas Ranch	33838	8	Media Agua Creek	121-M			no paleo info	Kraetsch		
13051	Kern	Las Yeguas Ranch	33838	9	Media Agua Creek	121-M			no paleo info	Kraetsch		
13052	Kern	Las Yeguas Ranch	33838	10	Media Agua Creek	121-M			no paleo info	Kraetsch		
13053	Kern	Las Yeguas Ranch	33839	1	center of quad	121-M			no paleo info	Kraetsch		
13054	Kern	Las Yeguas Ranch	33839	2	center of quad	121-I			no paleo info	Kraetsch		
13055	Kern	Las Yeguas Ranch	33840		NW part of quad	121-I			no paleo info			
13056	San Luis Obispo	Las Yeguas Ranch	33845	2	center of quad	121-B			no paleo info			
13057	San Luis Obispo	Las Yeguas Ranch	33845	3	center of quad	121-B			no paleo info			
13058	San Luis Obispo	Las Yeguas Ranch	33845	6	center of quad	121-B			no paleo info			
13059	San Luis Obispo	Las Yeguas Ranch	33845	7	center of quad	121-B			no paleo info			
13060	San Luis Obispo	Las Yeguas Ranch	33845	8	center of quad	121-B			no paleo info			
13061	San Luis Obispo	Las Yeguas Ranch	33845	9	center of quad	121-B			no paleo info			
13062	San Luis Obispo	Las Yeguas Ranch	36786	119	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13063	San Luis Obispo	Las Yeguas Ranch	36786	123	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13064	San Luis Obispo	Las Yeguas Ranch	36786	129	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13065	San Luis Obispo	Las Yeguas Ranch	36786	138	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13066	San Luis Obispo	Las Yeguas Ranch	36786	146	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13067	San Luis Obispo	Las Yeguas Ranch	36786	151	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13068	San Luis Obispo	Las Yeguas Ranch	36786	157	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13069	San Luis Obispo	Las Yeguas Ranch	36786	163	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13070	San Luis Obispo	Las Yeguas Ranch	36786	167	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13071	San Luis Obispo	Las Yeguas Ranch	36786	171	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13072	San Luis Obispo	Las Yeguas Ranch	36786	177	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13073	San Luis Obispo	Las Yeguas Ranch	36786	185	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13074	San Luis Obispo	Las Yeguas Ranch	36786	189	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13075	San Luis Obispo	Las Yeguas Ranch	36786	193	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13076	San Luis Obispo	Las Yeguas Ranch	36786	197	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13077	San Luis Obispo	Las Yeguas Ranch	36786	208	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13078	San Luis Obispo	Las Yeguas Ranch	36786	215	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13079	San Luis Obispo	Las Yeguas Ranch	36786	227	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13080	San Luis Obispo	Las Yeguas Ranch	36786	229	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13081	San Luis Obispo	Las Yeguas Ranch	36786	234	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13082	San Luis Obispo	Las Yeguas Ranch	36786	235	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13083	San Luis Obispo	Las Yeguas Ranch	36786	241	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13084	San Luis Obispo	Las Yeguas Ranch	36786	245	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13085	San Luis Obispo	Las Yeguas Ranch	36786	249	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13086	San Luis Obispo	Las Yeguas Ranch	36786	255	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13087	San Luis Obispo	Las Yeguas Ranch	36786	263	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13088	San Luis Obispo	Las Yeguas Ranch	36786	267	Carneros Ck seis	135-J	SSJ-88-202	not on map	no paleo info			
13089	San Luis Obispo	Las Yeguas Ranch	36806		SE part of quad	136-J			no paleo info			
13090	San Luis Obispo	Las Yeguas Ranch	36808		SE part of quad	136-J			no paleo info			
13091	San Luis Obispo	Las Yeguas Ranch	36818		not found	136-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		
13092	San Luis Obispo	Las Yeguas Ranch	36819		not found	136-J			no paleo info			
13093	San Luis Obispo	Las Yeguas Ranch	36820		not found	136-J			no paleo info			
13094	San Luis Obispo	Las Yeguas Ranch	36823		SE part of quad	136-J			no paleo info			
13095	San Luis Obispo	Las Yeguas Ranch	36827		McLain Spring	136-J			no paleo info			
13096	San Luis Obispo	Las Yeguas Ranch	36831		McLain Spring	136-J			no paleo info			
13097	San Luis Obispo	Las Yeguas Ranch	36836		McLain Spring	136-J			no paleo info			
13098	San Luis Obispo	Las Yeguas Ranch	36849		center of quad	136-J			no paleo info			
13099	Fresno	Las Yeguas Ranch?	93	1	Carneros Creek	D-3	not on map		no paleo info	Barbat		
13100	Fresno	Las Yeguas Ranch?	93	2	Carneros Creek	D-3	not on map		no paleo info	Barbat		
13101	Fresno	Las Yeguas Ranch?	93	?	Carneros Creek	D-3	not on map		no paleo info	Barbat		
13102	Fresno	Las Yeguas Ranch?	93	5	Carneros Creek	D-3	not on map		no paleo info	Barbat		
13103	Fresno	Las Yeguas Ranch?	93	6	Carneros Creek	D-3	not on map		no paleo info	Barbat		
13104	Fresno	Las Yeguas Ranch?	93	7	Carneros Creek	D-3	not on map		no paleo info	Barbat		
13105	Fresno	Las Yeguas Ranch?	93	8	Carneros Creek	D-3	not on map		no paleo info	Barbat		
13106	Fresno	Las Yeguas Ranch?	93	9	Carneros Creek	D-3	not on map		no paleo info	Barbat		
13107	Fresno	Las Yeguas Ranch?	93	10	Carneros Creek	D-3	not on map		no paleo info	Barbat		
13108	Fresno	Las Yeguas Ranch?	93	11	Carneros Creek	D-3	not on map		no paleo info	Barbat		
13109	Fresno	Las Yeguas Ranch?	93	12	Carneros Creek	D-3	not on map		no paleo info	Barbat		
13110	Fresno	Las Yeguas Ranch?	93	13	Carneros Creek	D-3	not on map		no paleo info	Barbat		
13111	Fresno	Las Yeguas Ranch?	93	14	Carneros Creek	D-3	not on map		no paleo info	Barbat		
13112	Fresno	Las Yeguas Ranch?	93	15	Carneros Creek	D-3	not on map		no paleo info	Barbat		
13113	San Luis Obispo	Las Yeguas Ranch?	11062		not found	249-D	Twisselman camp		no paleo info	RBV-WJE		
13114	San Luis Obispo	Las Yeguas Ranch?	11067	B	not found	249-D	Twisselman camp		no paleo info	RBV-WJE		
13115	San Luis Obispo	Las Yeguas Ranch?	11067	C	not found	249-D	Twisselman camp		no paleo info	RBV-WJE		
13116	Santa Cruz	Laurel	5028		Hwy 17 nr Glenwd	92-C			Saucesian	Starke		
13117	Santa Cruz	Laurel	5029		Hwy 17 nr Glenwd	92-C			L Miocene	Starke		
13118	Santa Cruz	Laurel	5677		Highland school	129-M			not diagnostic	Starke		
13119	Santa Cruz	Laurel	5678		Skyland Ridge	129-M	24/9S/1W (SLP)		not diagnostic	Starke		
13120	Santa Cruz	Laurel	5679		Hester Ck school	129-M			not diagnostic	Starke		
13121	Santa Cruz	Laurel	5680	2	St Marys Girl Cmp	129-M	32/9S/1W (SLP)		not diagnostic	Starke		
13122	Santa Cruz	Laurel	7378		Hinckley Ridge	147-B			not diagnostic	Kraetsch		
13123	Santa Cruz	Laurel	7381		Highland School	147-B			prob Zemorrian	Kraetsch		
13124	Santa Cruz	Laurel	7386		SW of Laurel	147-B			Lower Zemorrian	Kraetsch		
13125	Santa Cruz	Laurel	7387		SW of Laurel	147-B			not diagnostic	Kraetsch		
13126	Santa Cruz	Laurel	7393		Highway 17	147-C			not diagnostic	Kraetsch		
13127	Santa Cruz	Laurel	7396		SE of Burrel Sch	147-C			barren	Kraetsch		
13128	Santa Cruz	Laurel	7397		W of The Willows	147-C			not diagnostic	Kraetsch		
13129	Santa Cruz	Laurel	7402		Mtn Charlie Creek	147-C			Lower Miocene	Kraetsch		
13130	Santa Cruz	Laurel	7461		Mtn View Ranch	147-D	Los Gatos 15'		Miocene/Pliocene	Kraetsch		
13131	Santa Cruz	Laurel	7485		NW of Highland Sc	147-D			poss Zemorrian	Kraetsch		
13132	Santa Cruz	Laurel	7486		NW of Highland Sc	147-D			not diagnostic	Kraetsch		
13133	Santa Cruz	Laurel	8800		Inspiration Point	147-D			prob Zemorrian	Kraetsch		
13134	Santa Cruz	Laurel	9184		Near Highland Sch	99-G			Lower Miocene	Starke		
13135	Santa Cruz	Laurel	9185		Near Highland Sch	99-G			Lower Miocene	Starke		
13136	Santa Cruz	Laurel	9186		Near Highland Sch	99-G	not onmap		not diagnostic	Starke		
13137	Santa Cruz	Laurel	9187		Los Gatos	99-G			prob Zemorrian	Starke		
13138	Santa Cruz	Laurel	9188		Highway 17	99-G			poss Luisian	Starke		
13139	Santa Cruz	Laurel	9192		NW corner of quad	159-N			not diagnostic	Starke		
13140	Santa Cruz	Laurel	9195		S of Laurel	52-G			Lower Miocene	Starke		
13141	Santa Cruz	Laurel	9197		not found	11-B		rubber casts	Lower Miocene	Starke		
13142	Santa Cruz	Laurel	9198		Spanish Ranch	11-B		glauconitic	poss L Miocene	Starke		
13143	Santa Cruz	Laurel	9199		Loma Prieta Rd	11-B			poss U Eocene	Starke		
13144	Kern	Lebec	6571		SE part of quad	31-K			no paleo info			
13145	Fresno	Lillis Ranch	1378		NW corner of quad	91-B	Joaquin Rocks 15'		Refugian?	Starke		
13146	Fresno	Lillis Ranch	1379		NW corner of quad	91-B	Joaquin Rocks 15'		not diagnostic	Starke		
13147	Fresno	Lillis Ranch	1380		NW corner of quad	91-B	Joaquin Rocks 15'		not diagnostic	Starke		
13148	Fresno	Lillis Ranch	1381		NW corner of quad	91-B	Joaquin Rocks 15'		not diagnostic	Starke		
13149	Fresno	Lillis Ranch	186	*6-2 etc	SE part of quad	H-10	1/18S/14E center		Paleocene	Weddle		
13150	Fresno	Lillis Ranch	186	3	SE part of quad	H-10	(on slide # 1)		Paleocene	Weddle		
13151	Fresno	Lillis Ranch	186	4	SE part of quad	H-10	Have strat column	trench dug by	Paleocene	Weddle		
13152	Fresno	Lillis Ranch	186	5	SE part of quad	H-10	Joaquin Rocks 15'	Superior Oil C	Paleocene	Weddle		
13153	Fresno	Lillis Ranch	186	6	SE part of quad	H-10	Joaquin Rocks 15'		Paleocene	Weddle		
13154	Fresno	Lillis Ranch	186	7	SE part of quad	H-11	Joaquin Rocks 15'		Paleocene	Weddle		
13155	Fresno	Lillis Ranch	186	8	SE part of quad	H-11	Joaquin Rocks 15'		Paleocene	Weddle		
13156	Fresno	Lillis Ranch	186	9	SE part of quad	H-11	Joaquin Rocks 15'		Paleocene	Weddle		
13157	Fresno	Lillis Ranch	186	10	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13158	Fresno	Lillis Ranch	186	11	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13159	Fresno	Lillis Ranch	186	12	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13160	Fresno	Lillis Ranch	186	13	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13161	Fresno	Lillis Ranch	186	14	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13162	Fresno	Lillis Ranch	186	15	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13163	Fresno	Lillis Ranch	186	16	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13164	Fresno	Lillis Ranch	186	17	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13165	Fresno	Lillis Ranch	186	18	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13166	Fresno	Lillis Ranch	186	19	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13167	Fresno	Lillis Ranch	186	20	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13168	Fresno	Lillis Ranch	186	21	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13169	Fresno	Lillis Ranch	186	22	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13170	Fresno	Lillis Ranch	186	23	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13171	Fresno	Lillis Ranch	186	24	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13172	Fresno	Lillis Ranch	186	25	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13173	Fresno	Lillis Ranch	186	26	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13174	Fresno	Lillis Ranch	186	27	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13175	Fresno	Lillis Ranch	186	28	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13176	Fresno	Lillis Ranch	186	29	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	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		ZONE/SERIES/AG	COLLECTORS		
13177	Fresno	Lillis Ranch	186	30	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13178	Fresno	Lillis Ranch	186	31	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13179	Fresno	Lillis Ranch	186	32	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13180	Fresno	Lillis Ranch	186	33	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13181	Fresno	Lillis Ranch	186	34	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13182	Fresno	Lillis Ranch	186	35	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13183	Fresno	Lillis Ranch	186	36	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13184	Fresno	Lillis Ranch	186	37	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13185	Fresno	Lillis Ranch	186	38	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13186	Fresno	Lillis Ranch	186	39	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13187	Fresno	Lillis Ranch	186	40	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13188	Fresno	Lillis Ranch	186	41	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13189	Fresno	Lillis Ranch	186	42	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13190	Fresno	Lillis Ranch	186	43	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13191	Fresno	Lillis Ranch	186	44	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13192	Fresno	Lillis Ranch	186	45	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13193	Fresno	Lillis Ranch	186	46	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13194	Fresno	Lillis Ranch	186	47	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13195	Fresno	Lillis Ranch	186	48	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13196	Fresno	Lillis Ranch	186	49	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13197	Fresno	Lillis Ranch	186	50	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13198	Fresno	Lillis Ranch	186	51	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13199	Fresno	Lillis Ranch	186	52	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13200	Fresno	Lillis Ranch	186	53	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13201	Fresno	Lillis Ranch	186	54	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13202	Fresno	Lillis Ranch	186	55	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13203	Fresno	Lillis Ranch	186	56	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13204	Fresno	Lillis Ranch	186	57	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13205	Fresno	Lillis Ranch	186	58	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13206	Fresno	Lillis Ranch	186	59	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13207	Fresno	Lillis Ranch	186	60	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13208	Fresno	Lillis Ranch	186	61	SE part of quad	H-11	Joaquin Rocks 15'		Eocene	Weddle		
13209	Monterey	Lime Mountain	2261		Salinas Valley	71-A			Lower Relizian	Tarbet		
13210	San Luis Obispo	Lime Mountain	11319	1	E of Camp Natoma	159-N	Adelaida 15'		Saucesian/Relizian			
13211	San Luis Obispo	Lime Mountain	11319	2	E of Camp Natoma	159-N	Adelaida 15'		Saucesian/Relizian			
13212	San Luis Obispo	Lime Mountain	23133		SE of Cmp Natoma	252-A		age from map	? Middle Miocene	Strahan		
13213	San Luis Obispo	Lime Mountain	23136		SE of Cmp Natoma	252-A		age from map	probably Relizian	Neudeck		
13214	San Luis Obispo	Lime Mountain	23138		SE of Cmp Natoma	252-A		age from map	Middle Miocene	Neudeck		
13215	San Luis Obispo	Lime Mountain	23139		SE of Cmp Natoma	252-A		age from map	Middle Miocene	Neudeck		
13216	San Luis Obispo	Lime Mountain	23140		SE of Cmp Natoma	252-A		age from map	Luisian	Neudeck		
13217	San Luis Obispo	Lime Mountain	23142		SE of Cmp Natoma	252-A		age from map	Middle Miocene	Neudeck		
13218	San Luis Obispo	Lime Mountain	23144		SE of Cmp Natoma	252-A		age from map	Relizian	Neudeck		
13219	Ventura	Lion Canyon	380	6	NW part of quad	82-M	Pine Mtn fault		no paleo info			
13220	Ventura	Lion Canyon	380	7	NW part of quad	82-M	Pine Mtn fault		no paleo info			
13221	Ventura	Lion Canyon	380	12	NW part of quad	82-M	Pine Mtn fault		no paleo info			
13222	Ventura	Lion Canyon	380	13	NW part of quad	82-M	Pine Mtn fault		no paleo info			
13223	Ventura	Lion Canyon	380	14	NW part of quad	82-M	Pine Mtn fault		no paleo info			
13224	Ventura	Lion Canyon	380	15	NW part of quad	82-M	Pine Mtn fault		no paleo info			
13225	Ventura	Lion Canyon	380	18	NW part of quad	82-M	Pine Mtn fault		no paleo info			
13226	Ventura	Lion Canyon	380	19	NW part of quad	82-M	Pine Mtn fault		no paleo info			
13227	Ventura	Lion Canyon	389	5	Piedra Blanca Ck	82-M			no paleo info			
13228	Ventura	Lion Canyon	389	6	Piedra Blanca Ck	82-M			no paleo info			
13229	Ventura	Lion Canyon	389	7	Piedra Blanca Ck	82-M			no paleo info			
13230	Ventura	Lion Canyon	389	8	Piedra Blanca Ck	82-M			no paleo info			
13231	Ventura	Lion Canyon	389	9	Piedra Blanca Ck	82-M			no paleo info			
13232	Ventura	Lion Canyon	389	10	Piedra Blanca Ck	82-M			no paleo info			
13233	Ventura	Lion Canyon	389	11	Piedra Blanca Ck	82-M			no paleo info			
13234	Ventura	Lion Canyon	389	15	Piedra Blanca Ck	82-M			no paleo info			
13235	Ventura	Lion Canyon	389	16	Piedra Blanca Ck	82-M			no paleo info			
13236	Ventura	Lion Canyon	389	17	Piedra Blanca Ck	82-M			no paleo info			
13237	Ventura	Lion Canyon	2141	2	Deal Canyon	89-N			no paleo info	Klemme		
13238	Ventura	Lion Canyon	2141	3	Deal Canyon	89-N			no paleo info	Klemme		
13239	Ventura	Lion Canyon	2141	4	Deal Canyon	89-N			no paleo info	Klemme		
13240	Ventura	Lion Canyon	2141	5	Deal Canyon	89-N			no paleo info	Klemme		
13241	Ventura	Lion Canyon	2141	7	Deal Canyon	89-N			no paleo info	Klemme		
13242	Ventura	Lion Canyon	2142		NE part of quad	89-N			no paleo info	Klemme		
13243	Ventura	Lion Canyon	5381	A	Piedra Blanca Ck	54-T			Zem/Saucesian			
13244	Ventura	Lion Canyon	5381	B	Piedra Blanca Ck	54-I			Zem/Saucesian			
13245	Ventura	Lion Canyon	5580	1	Piedra Blanca Cmp	26-I			no paleo info			
13246	Ventura	Lion Canyon	5580	2	Piedra Blanca Cmp	26-I			no paleo info			
13247	Ventura	Lion Canyon	5580	3	Piedra Blanca Cmp	26-I			no paleo info			
13248	Ventura	Lion Canyon	5581		Piedra Blanca Cmp	70-C			no paleo info			
13249	Santa Barbara	Little Pine Mountain	271	1	near Gibraltar Dam	25-D			Luisian			
13250	Santa Barbara	Little Pine Mountain	271	2	near Gibraltar Dam	25-D			Luisian			
13251	Santa Barbara	Little Pine Mountain	357	1	Flores Flat	50-M	strat column and		Upper Cretaceous			
13252	Santa Barbara	Little Pine Mountain	357	2	Flores Flat	50-M	nannoplankton		Upper Cretaceous			
13253	Santa Barbara	Little Pine Mountain	357	3	Flores Flat	50-M	see loc 269 file		Upper Cretaceous			
13254	Santa Barbara	Little Pine Mountain	357	7	Flores Flat	50-M			Upper Cretaceous			
13255	Santa Barbara	Little Pine Mountain	357	9	Flores Flat	50-M			Upper Cretaceous			
13256	Santa Barbara	Little Pine Mountain	357	10	Flores Flat	50-M			Upper Cretaceous			
13257	Santa Barbara	Little Pine Mountain	357	11	Flores Flat	50-M			Upper Cretaceous			
13258	Santa Barbara	Little Pine Mountain	357	12	Flores Flat	50-M			Upper Cretaceous			
13259	Santa Barbara	Little Pine Mountain	357	15	Flores Flat	50-M			barren			
13260	Santa Barbara	Little Pine Mountain	357	17	Flores Flat	50-M			Middle Eocene			
13261	Santa Barbara	Little Pine Mountain	1337		S. Rafael Mtns	4-L			no paleo info	Owens & S		

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		
13262	Santa Barbara	Little Pine Mountain	1338		S. Rafael Mtns	4-L			no paleo info	Owens & S		
13263	Santa Barbara	Little Pine Mountain	1339		S. Rafael Mtns	4-L			no paleo info	Owens & S		
13264	Santa Barbara	Little Pine Mountain	1340		S. Rafael Mtns	4-L			no paleo info	Owens & S		
13265	Santa Barbara	Little Pine Mountain	1581		NW part of quad	4-M	Gibraltar Dam 15'		no paleo info	Scouler &		
13266	Santa Barbara	Little Pine Mountain	3660		Santa Ynez River	69-J	Gibraltar Dam 15'		no paleo info	Kraetsch		
13267	Santa Barbara	Little Pine Mountain	3909		Santa Ynez River	164-J	Gibraltar Dam 15'		Lower Miocene	Kraetsch &		
13268	Santa Barbara	Little Pine Mountain	11621		EC part of quad	79-K	Gibraltar Dam 15'		Relizian	Kraetsch		
13269	Santa Barbara	Little Pine Mountain	11622		Devils Canyon	79-K	Gibraltar Dam 15'		Relizian	Kraetsch		
13270	Santa Barbara	Little Pine Mountain	11623		Devils Canyon	79-K	Gibraltar Dam 15'	abun ostracod	prob Saucesian	Kraetsch		
13271	Santa Barbara	Little Pine Mountain	11791		SE of L Pine Mtn	79-K	Gibraltar Dam 15'		Saucesian	Zeni		
13272	Santa Barbara	Little Pine Mountain	11792		SE of L Pine Mtn	79-K	Gibraltar Dam 15'		Relizian	Zeni		
13273	Santa Barbara	Little Pine Mountain	11793		SE of L Pine Mtn	79-K	Gibraltar Dam 15'		Relizian	Zeni		
13274	Santa Barbara	Little Pine Mountain	11794		NW part of quad	79-K	Gibraltar Dam 15'		Relizian	Zeni		
13275	Santa Barbara	Little Pine Mountain	11805		Little Caliente Cyn	79-K	Gibraltar Dam 15'		Eocene			
13276	Santa Barbara	Little Pine Mountain	11806		Little Caliente Cyn	79-K	Gibraltar Dam 15'	float	Lower Mohnian			
13277	Santa Barbara	Little Pine Mountain?	1342		S. Rafael Mtns	4-L			no paleo info	Owens & S		
13278	Santa Barbara	Little Pine Mountain?	1343		S. Rafael Mtns	4-L			no paleo info	Owens & S		
13279	San Benito	Llanada	5151		Van Cliff Canyon	126-A	Panoche Vly 15'		no paleo info			
13280	San Benito	Llanada	5152		Van Cliff Canyon	126-A	Panoche Vly 15'	28/16S/10E	no paleo info			
13281	San Benito	Llanada	5153		Van Cliff Canyon	126-A	Panoche Vly 15'	28/16S/10E	no paleo info			
13282	San Benito	Llanada	5155		Log Cabin Canyon	126-A	Panoche Vly 15'	29/16S/10E	no paleo info			
13283	San Benito	Llanada	5156		Log Cabin Canyon	126-A	Panoche Vly 15'	29/16S/10E	no paleo info			
13284	San Benito	Llanada	5157		Log Cabin Canyon	126-A	Panoche Vly 15'	29/16S/10E	no paleo info			
13285	San Benito	Llanada	5158		Pimental Canyon	126-A	Panoche Vly 15'	19/16S/10E	no paleo info			
13286	San Benito	Llanada	5159		Pimental Canyon	126-A	Panoche Vly 15'	30/16S/10E	no paleo info			
13287	San Benito	Llanada	5160		Pimental Canyon	126-A	Panoche Vly 15'	24/16S/9E	no paleo info			
13288	San Benito	Llanada	5164		Moody Canyon	126-A	Panoche Vly 15'	23/16S/9E	no paleo info			
13289	San Benito	Llanada	5165		Moody Canyon	126-A	Panoche Vly 15'	14/16S/9E	no paleo info			
13290	San Benito	Llanada	5166		Moody Canyon	126-A	Panoche Vly 15'	9/16S/9E	no paleo info			
13291	San Benito	Llanada	5190		Van Cliff Canyon	126-B	Panoche Vly 15'	33/16S/10E	no paleo info			
13292	San Benito	Llanada	5191		Van Cliff Canyon	126-B	Panoche Vly 15'	34/16S/10E	no paleo info			
13293	San Benito	Llanada	5192		Van Cliff Canyon	126-B	Panoche Vly 15'	34/16S/10E	no paleo info			
13294	San Benito	Llanada	11793	2	S of Walker Peak	177-M	Panoche Vly 15'		no paleo info	Reber		
13295	San Benito	Llanada	11793	4	S of Walker Peak	177-M	Panoche Vly 15'	Buchia age	Lower Cretaceous	Reber		
13296	San Benito	Llanada	13641		Moody Canyon	181-J	Panoche Valley 15'	LSJU	Paleocene E zone	Paul Enos		
13297	San Benito	Llanada	13642		Moody Canyon	181-J	Panoche Valley 15'	LSJU	Cret/Paleocene	Paul Enos		
13298	San Benito	Llanada	13645		Moody Canyon	181-J	Panoche Valley 15'	LSJU	Paleocene D zone	Paul Enos		
13299	Ventura	Lockwood Valley	169	4	upper Piru Ck	50-L	strat column		Paleocene/Eocene			
13300	Ventura	Lockwood Valley	169	5	upper Piru Ck	50-L	strat column		Paleocene/Eocene			
13301	Ventura	Lockwood Valley	169	6	upper Piru Ck	50-L	strat column		Paleocene/Eocene			
13302	Ventura	Lockwood Valley	169	7	upper Piru Ck	50-L	strat column		Paleocene/Eocene			
13303	Ventura	Lockwood Valley	169	8	upper Piru Ck	50-L	strat column		Paleocene/Eocene			
13304	Ventura	Lockwood Valley	169	12	upper Piru Ck	50-L	strat column		Paleocene/Eocene			
13305	Ventura	Lockwood Valley	169	13	upper Piru Ck	50-M	strat column		Paleocene/Eocene			
13306	Ventura	Lockwood Valley	169	14	upper Piru Ck	50-M	strat column		Paleocene/Eocene			
13307	Ventura	Lockwood Valley	169	15	upper Piru Ck	50-M	strat column		Paleocene/Eocene			
13308	Ventura	Lockwood Valley	169	16	upper Piru Ck	50-M	strat column		Paleocene/Eocene			
13309	Ventura	Lockwood Valley	169	17	upper Piru Ck	50-M	strat column		Paleocene/Eocene			
13310	Ventura	Lockwood Valley	169	18	upper Piru Ck	50-M	strat column		Paleocene/Eocene			
13311	Ventura	Lockwood Valley	169	19	upper Piru Ck	50-M	strat column		Paleocene/Eocene			
13312	Ventura	Lockwood Valley	169	22	upper Piru Ck	50-M	strat column		Lower Eocene			
13313	Ventura	Lockwood Valley	169	23	upper Piru Ck	50-M	strat column		Lower Eocene			
13314	Ventura	Lockwood Valley	169	26	upper Piru Ck	50-M	strat column		Lower Eocene			
13315	Ventura	Lockwood Valley	169	28	upper Piru Ck	50-L	strat column		Lower Eocene			
13316	Ventura	Lockwood Valley	169	29	upper Piru Ck	50-L	strat column		Lower Eocene			
13317	Ventura	Lockwood Valley	169	30	upper Piru Ck	50-L	strat column		Lower Eocene			
13318	Ventura	Lockwood Valley	169	37	upper Piru Ck	50-M	strat column		Lower Eocene			
13319	Ventura	Lockwood Valley	169	38	upper Piru Ck	50-M	strat column		Lower Eocene			
13320	Ventura	Lockwood Valley	169	39	upper Piru Ck	50-M	strat column		Lower Eocene			
13321	Ventura	Lockwood Valley	169	40	upper Piru Ck	50-M	strat column		Lower Eocene			
13322	Ventura	Lockwood Valley	169	41	upper Piru Ck	50-M	strat column		Lower Eocene			
13323	Ventura	Lockwood Valley	169	42	upper Piru Ck	50-M	strat column		Lower Eocene			
13324	Ventura	Lockwood Valley	169	43	upper Piru Ck	50-M	strat column		Lower Eocene			
13325	Ventura	Lockwood Valley	169	59	upper Piru Ck	50-M	strat column		Lower Eocene			
13326	Ventura	Lockwood Valley	391	10	Upper Piru Creek	45-J	strat column		M Eocene A-2 zon	Zeni & S		
13327	Ventura	Lockwood Valley	391	25	Upper Piru Creek	45-J	see loc 355		M Eocene A-2 zon	Zeni & S		
13328	Ventura	Lockwood Valley	391	27	Upper Piru Creek	45-J	strat column		M Eocene A-2 zon	Zeni & S		
13329	Ventura	Lockwood Valley	391	34	Upper Piru Creek	45-J	strat column		M Eocene A-2 zon	Zeni & S		
13330	Ventura	Lockwood Valley	391	35	Upper Piru Creek	45-J	strat column		M Eocene A-2 zon	Zeni & S		
13331	Ventura	Lockwood Valley	391	36	Upper Piru Creek	45-J	strat column		M Eocene A-2 zon	Zeni & S		
13332	Ventura	Lockwood Valley	391	37	Upper Piru Creek	45-J	strat column		M Eocene A-2 zon	Zeni & S		
13333	Ventura	Lockwood Valley	391	38	Upper Piru Creek	45-J	strat column		M Eocene A-2 zon	Zeni & S		
13334	Ventura	Lockwood Valley	391	39	Upper Piru Creek	45-J	strat column		M Eocene A-2 zon	Zeni & S		
13335	Ventura	Lockwood Valley	391	40	Upper Piru Creek	45-J	strat column		M Eocene A-2 zon	Zeni & S		
13336	Ventura	Lockwood Valley	391	41	Upper Piru Creek	45-J	strat column		M Eocene A-2 zon	Zeni & S		
13337	Ventura	Lockwood Valley	391	42	Upper Piru Creek	45-J	strat column		M Eocene A-2 zon	Zeni & S		
13338	Ventura	Lockwood Valley	391	44	Upper Piru Creek	45-J	strat column		M Eocene A-2 zon	Zeni & S		
13339	Ventura	Lockwood Valley	391	45	Upper Piru Creek	45-J	strat column		M Eocene A-2 zon	Zeni & S		
13340	Ventura	Lockwood Valley	391	46	Upper Piru Creek	45-J	strat column		M Eocene A-2 zon	Zeni & S		
13341	Ventura	Lockwood Valley	391	49	Upper Piru Creek	45-J	strat column		M Eocene A-2 zon	Zeni & S		
13342	Ventura	Lockwood Valley	391	51	Upper Piru Creek	45-J	strat column		M Eocene A-2 zon	Zeni & S		
13343	Ventura	Lockwood Valley	391	52	Upper Piru Creek	45-J	strat column		M Eocene A-2 zon	Zeni & S		
13344	Ventura	Lockwood Valley	391	55	Upper Piru Creek	45-J	strat column		M Eocene A-2 zon	Zeni & S		
13345	Ventura	Lockwood Valley	391	56	Upper Piru Creek	45-J	strat column		M Eocene A-2 zon	Zeni & S		
13346	Ventura	Lockwood Valley	391	58	Upper Piru Creek	45-J	strat column		M Eocene A-2 zon	Zeni & S		

	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		
13517	Colusa	Lodoga	245	65	Grapevine Pass	152-G	Lodoga 15'		L Cret J-2 zone	Raydon		
13518	Colusa	Lodoga	245	66	Grapevine Pass	152-G	Lodoga 15'		L Cret J-2 zone	Raydon		
13519	Colusa	Lodoga	245	67	Grapevine Pass	152-G	Lodoga 15'		L Cret J-2 zone	Raydon		
13520	Colusa	Lodoga	245	68	Grapevine Pass	152-G	Lodoga 15'		L Cret J-2 zone	Raydon		
13521	Colusa	Lodoga	245	69	Grapevine Pass	152-G	Lodoga 15'		L Cret J-2 zone	Raydon		
13522	Colusa	Lodoga	245	70	Grapevine Pass	152-G	Lodoga 15'		L Cret J-2 zone	Raydon		
13523	Colusa	Lodoga	245	71	Grapevine Pass	152-G	Lodoga 15'		L Cret J-2 zone	Raydon		
13524	Colusa	Lodoga	245	72	Grapevine Pass	152-G	Lodoga 15'		L Cret J-2 zone	Raydon		
13525	Colusa	Lodoga	517	42	not found	152-B			not diagnostic	Amundson		
13526	Colusa	Lodoga	517	45	Howard Creek	152-B	Lodoga 15'		L Cret J zone	Amundson		
13527	Colusa	Lodoga	517	48	Howard Creek	152-B	Lodoga 15'		prob L Cret J zone	Amundson		
13528	Colusa	Lodoga	517	49	Howard Creek	152-B	Lodoga 15'		prob L Cret J zone	Amundson		
13529	Colusa	Lodoga	517	52	Howard Creek	152-B	Lodoga 15'		L Cret J zone	Amundson		
13530	Colusa	Lodoga	981	1	Grapevine Creek	152-D	Lodoga 15'		no paleo info	Helms		
13531	Colusa	Lodoga	981	2	Grapevine Creek	152-D	Lodoga 15'		no paleo info	Helms		
13532	Colusa	Lodoga	981	3	Grapevine Creek	152-D	Lodoga 15'		no paleo info	Helms		
13533	Colusa	Lodoga	981	4	Grapevine Creek	152-D	Lodoga 15'		no paleo info	Helms		
13534	Colusa	Lodoga	981	5	Grapevine Creek	152-D	Lodoga 15'		no paleo info	Helms		
13535	Colusa	Lodoga	981	6	Grapevine Creek	152-D	Lodoga 15'		no paleo info	Helms		
13536	Colusa	Lodoga	981	7	Grapevine Creek	152-D	Lodoga 15'		no paleo info	Helms		
13537	Colusa	Lodoga	981	8	Grapevine Creek	152-D	Lodoga 15'		no paleo info	Helms		
13538	Colusa	Lodoga	981	9	Grapevine Creek	152-D	Lodoga 15'		no paleo info	Helms		
13539	Colusa	Lodoga	5262		Howard Creek	152-C	Lodoga 15'		L Cret J-2 zone	Berry		
13540	Colusa	Lodoga	5263		Howard Creek	152-C	Lodoga 15'		L Cret J-2 zone	Berry		
13541	Colusa	Lodoga	5264		Howard Creek	152-C	Lodoga 15'		not diagnostic	Berry		
13542	Colusa	Lodoga	5265		Howard Creek	152-C	Lodoga 15'		L Cret J-2 zone	Berry		
13543	Colusa	Lodoga	5266		Howard Creek	152-C	Lodoga 15'		U Cret I zone	Berry		
13544	Glenn	Logan Ridge	517	53	Hunter Creek	152-B	Lodoga 15'		poss U Cretaceous	Amundson		
13545	Glenn	Logan Ridge	517	54	Hunter Creek	152-B	Lodoga 15'		poss U Cretaceous	Amundson		
13546	Glenn	Logan Ridge	517	55	Hunter Creek	152-B	Lodoga 15'		not diagnostic	Amundson		
13547	Glenn	Logan Ridge	517	56	Hunter Creek	152-B	Lodoga 15'		not diagnostic	Amundson		
13548	Glenn	Logan Ridge	517	57	Hunter Creek	152-B	Lodoga 15'		L Cret J zone	Amundson		
13549	Glenn	Logan Ridge	517	58	Hunter Creek	152-C	Lodoga 15'		L Cret J zone	Amundson		
13550	Glenn	Logan Ridge	517	59	Hunter Creek	152-C	Lodoga 15'		L Cret J zone	Amundson		
13551	Glenn	Logan Ridge	517	60	Hunter Creek	152-C	Lodoga 15'		not diagnostic	Amundson		
13552	Glenn	Logan Ridge	749	1	Hunters Creek	152-K	Lodoga 15'		U Cret H zone			
13553	Glenn	Logan Ridge	749	2	Hunters Creek	152-K	Lodoga 15'		U Cret H zone			
13554	Glenn	Logan Ridge	749	3	Hunters Creek	152-K	Lodoga 15'		U Cret H zone			
13555	Glenn	Logan Ridge	749	4	Hunters Creek	152-K	Lodoga 15'		U Cret H zone			
13556	Glenn	Logan Ridge	749	5	Hunters Creek	152-K	Lodoga 15'		U Cret prob I zone			
13557	Glenn	Logan Ridge	749	6	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
13558	Glenn	Logan Ridge	749	7	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
13559	Glenn	Logan Ridge	749	8	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
13560	Glenn	Logan Ridge	749	9	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
13561	Glenn	Logan Ridge	749	10	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
13562	Glenn	Logan Ridge	749	11	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
13563	Glenn	Logan Ridge	749	12	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
13564	Glenn	Logan Ridge	749	13	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
13565	Glenn	Logan Ridge	749	14	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
13566	Glenn	Logan Ridge	749	15	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
13567	Glenn	Logan Ridge	749	16	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
13568	Glenn	Logan Ridge	749	17	Hunters Creek	152-K	Lodoga 15'		U Cret H/I zones			
13569	Glenn	Logan Ridge	749	18	Hunters Creek	152-K	Lodoga 15'		L Cret J zone			
13570	Glenn	Logan Ridge	749	19	Hunters Creek	152-K	Lodoga 15'		L Cret J zone			
13571	Glenn	Logan Ridge	749	20	Hunters Creek	152-K	Lodoga 15'		L Cret J zone			
13572	Glenn	Logan Ridge	749	21	Hunters Creek	152-K	Lodoga 15'		L Cret J zone			
13573	Glenn	Logan Ridge	749	22	Hunters Creek	152-K	Lodoga 15'		L Cret J zone			
13574	Glenn	Logan Ridge	749	23	Hunters Creek	152-K	Lodoga 15'		L Cret J zone			
13575	Glenn	Logan Ridge	749	24	Hunters Creek	152-K	Lodoga 15'		L Cret J zone			
13576	Glenn	Logan Ridge	749	25	Hunters Creek	152-K	Lodoga 15'		L Cret J zone			
13577	Glenn	Logan Ridge	749	26	Hunters Creek	152-K	Lodoga 15'		L Cret J zone			
13578	Glenn	Logan Ridge	749	27	Hunters Creek	152-K	Lodoga 15'		L Cret J zone			
13579	Glenn	Logan Ridge	749	28	Hunters Creek	152-K	Lodoga 15'		L Cret J-1 zone			
13580	Glenn	Logan Ridge	749	29	Hunters Creek	152-K	Lodoga 15'		L Cret J-1 zone			
13581	Glenn	Logan Ridge	749	30	Hunters Creek	152-L	Lodoga 15'		L Cret J zone			
13582	Glenn	Logan Ridge	749	31	Hunters Creek	152-L	Lodoga 15'		L Cret J zone			
13583	Glenn	Logan Ridge	749	32	Hunters Creek	152-L	Lodoga 15'		L Cret J zone			
13584	Glenn	Logan Ridge	749	33	Hunters Creek	152-L	Lodoga 15'		L Cret J zone			
13585	Glenn	Logan Ridge	749	34	Hunters Creek	152-L	Lodoga 15'		L Cret J zone			
13586	Glenn	Logan Ridge	749	35	Hunters Creek	152-L	Lodoga 15'		L Cret J zone			
13587	Glenn	Logan Ridge	749	36	Hunters Creek	152-L	Lodoga 15'		L Cret J zone			
13588	Glenn	Logan Ridge	749	37	Hunters Creek	152-L	Lodoga 15'		L Cret J-1 zone			
13589	Glenn	Logan Ridge	749	38	Hunters Creek	152-L	Lodoga 15'		L Cret J-1 zone			
13590	Glenn	Logan Ridge	749	39	Hunters Creek	152-L	Lodoga 15'		L Cret J zone			
13591	Glenn	Logan Ridge	749	40	Hunters Creek	152-L	Lodoga 15'		L Cret J zone			
13592	Glenn	Logan Ridge	749	41	Hunters Creek	152-L	Lodoga 15'		L Cret J zone			
13593	Glenn	Logan Ridge	749	42	Hunters Creek	152-L	Lodoga 15'		L Cret J zone			
13594	Glenn	Logan Ridge	749	43	Hunters Creek	152-L	Lodoga 15'		L Cret J zone			
13595	Glenn	Logan Ridge	749	68	Hunters Creek	152-K	Lodoga 15'		U Cret H zone			
13597	Glenn	Logan Ridge	749	69	Hunters Creek	152-K	Lodoga 15'		U Cret H zone			
13598	Glenn	Logan Ridge	749	70	Hunters Creek	152-K	Lodoga 15'		U Cret H zone			
13599	Glenn	Logan Ridge	749	71	Hunters Creek	152-K	Lodoga 15'		U Cret H zone			
13600	Glenn	Logan Ridge	749	72	Hunters Creek	152-K	Lodoga 15'		U Cret H zone			
13601	Glenn	Logan Ridge	749	73	Hunters Creek	152-K	Lodoga 15'		U Cret H zone			
13602	Glenn	Logan Ridge	749	74	Hunters Creek	152-K	Lodoga 15'		U Cret H 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		
13688	Glenn	Logan Ridge	749	159	Hunters Creek	152-M	Lodoga 15'		Cret I/J zones			
13689	Glenn	Logan Ridge	749	160	Hunters Creek	152-M	Lodoga 15'		Cret I/J zones			
13690	Glenn	Logan Ridge	749	161	Hunters Creek	152-M	Lodoga 15'		Cret I/J zones			
13691	Glenn	Logan Ridge	749	162	Hunters Creek	152-M	Lodoga 15'		Cret I/J zones			
13692	Glenn	Logan Ridge	749	163	Hunters Creek	152-N	Lodoga 15'		Cret I/J zones			
13693	Glenn	Logan Ridge	749	164	Hunters Creek	152-N	Lodoga 15'		L Cret J-1 zone			
13694	Glenn	Logan Ridge	749	165	Hunters Creek	152-N	Lodoga 15'		L Cret J-1 zone			
13695	Glenn	Logan Ridge	749	166	Hunters Creek	152-N	Lodoga 15'		L Cret J-1 zone			
13696	Glenn	Logan Ridge	749	167	Hunters Creek	152-N	Lodoga 15'		L Cret J-1 zone			
13697	Glenn	Logan Ridge	749	168	Hunters Creek	152-N	Lodoga 15'		L Cret J-1 zone			
13698	Glenn	Logan Ridge	749	169	Hunters Creek	152-N	Lodoga 15'		L Cret J-1 zone			
13699	Glenn	Logan Ridge	749	170	Hunters Creek	152-N	Lodoga 15'		L Cret J-1 zone			
13700	Glenn	Logan Ridge	749	171	Hunters Creek	152-N	Lodoga 15'		L Cret J-1 zone			
13701	Glenn	Logan Ridge	749	172	Hunters Creek	152-N	Lodoga 15'		L Cret J-1 zone			
13702	Glenn	Logan Ridge	749	173	Hunters Creek	152-N	Lodoga 15'		L Cret J-1 zone			
13703	Glenn	Logan Ridge	749	174	Hunters Creek	152-N	Lodoga 15'		L Cret J-1 zone			
13704	Glenn	Logan Ridge	749	175	Hunters Creek	152-N	Lodoga 15'		L Cret J-1 zone			
13705	Glenn	Logan Ridge	749	176	Hunters Creek	152-N	Lodoga 15'		L Cret J-1 zone			
13706	Glenn	Logan Ridge	10369	1	NE part of quad	113-F	Lodoga 15'	27/19N/4W	not diagnostic		Barr auger	
13707	Glenn	Logan Ridge	10369	2	NE part of quad	113-F	Lodoga 15'	27/19N/4W	U Cret F/G zone		Barr auger	
13708	Glenn	Logan Ridge	10369	3	NE part of quad	113-F	Lodoga 15'	27/19N/4W	U Cret F/G zone		Barr auger	
13709	Glenn	Logan Ridge?	987	1	Funks Creek	157-I	Lodoga 15'	not on map	not diagnostic		Floyd	
13710	Glenn	Logan Ridge?	987	2	Funks Creek	157-I	Lodoga 15'	not on map	not diagnostic		Floyd	
13711	Glenn	Logan Ridge?	987	3	Funks Creek	157-I	Lodoga 15'	not on map	not diagnostic		Floyd	
13712	Santa Cruz	Loma Prieta	5675		Corralitos Creek	129-M			not diagnostic		Starke	
13713	Santa Cruz	Loma Prieta	5676		Corralitos Creek	129-M			not diagnostic		Starke	
13714	Santa Cruz	Loma Prieta	7328		EC part of quad	147-B		molds	U Eocene A zone		Flege	
13715	Santa Cruz	Loma Prieta	7374		Hinckley Ridge	147-B			Lower Miocene		Kraetsch	
13716	Santa Cruz	Loma Prieta	7376		Santa Rosalia Mtn	147-B			not diagnostic		Kraetsch	
13717	Santa Cruz	Loma Prieta	7377		Santa Rosalia Mtn	147-B			not diagnostic		Kraetsch	
13718	Santa Cruz	Loma Prieta	7440		Los Gatos	147-C	Los Gatos 15'		Lower Zemorrian		Kraetsch	
13719	Santa Cruz	Loma Prieta	7442		Eureka Canyon	147-C	Los Gatos 15'		Lower Zemorrian		Kraetsch	
13720	Santa Cruz	Loma Prieta	7443		Eureka Canyon	147-C	Los Gatos 15'		not diagnostic		Kraetsch	
13721	Santa Cruz	Loma Prieta	7444		Eureka Canyon	147-C	Los Gatos 15'		Lower Zemorrian		Kraetsch	
13722	Santa Cruz	Loma Prieta	7445		Eureka Canyon	147-D	Los Gatos 15'		not diagnostic		Kraetsch	
13723	Santa Cruz	Loma Prieta	7451		Santa Rosalia Mtn	147-D	Los Gatos 15'		not diagnostic		Kraetsch	
13724	Santa Cruz	Loma Prieta	7452		Santa Rosalia Mtn	147-D	Los Gatos 15'		barren		Kraetsch	
13725	Santa Cruz	Loma Prieta	7453		Santa Rosalia Mtn	147-D	Los Gatos 15'		Zem/Saucesian		Kraetsch	
13726	Santa Cruz	Loma Prieta	9016		N of Gamecock Cr	118-L			Upper Eocene		Flege	
13727	Santa Cruz	Loma Prieta	9017		S of Nibbs Knob	118-L			Upper Eocene		Flege	
13728	Santa Cruz	Loma Prieta	9018		SW of Nibbs Knob	118-L			Upper Eocene		Flege	
13729	Santa Cruz	Loma Prieta	9019		SW of Nibbs Knob	118-L			not diagnostic		Flege	
13730	Santa Clara	Loma Prieta	9131		Croy Ridge	142-N	com planktics	casts only	prob Eocene		Flege	
13731	Santa Clara	Loma Prieta	9132		Croy Ridge	142-N			not diagnostic		Flege	
13732	Santa Cruz	Loma Prieta	9158		Near S Rosalia Mtn	21-G	casts only did not	wash out	poss L Miocene		Starke	
13733	Santa Cruz	Loma Prieta	9159		Near S Rosalia Mtn	21-G			U Eocene		Starke	
13734	Santa Cruz	Loma Prieta	9160		Near S Rosalia Mtn	21-G		rubber casts	U Eocene		Starke	
13735	Santa Cruz	Loma Prieta	9189		S Rosalia Mtn	99-G			not diagnostic		Starke	
13736	Santa Cruz	Loma Prieta	9189	RS	S Rosalia Mtn	160-H			not diagnostic		Starke	
13737	Santa Cruz	Loma Prieta	9190		S Rosalia Mtn	99-G			not diagnostic		Starke	
13738	Santa Cruz	Loma Prieta	9191		S Rosalia Mtn	99-G		com planktics	poss Eocene		Starke	
13739	Santa Barbara	Lompoc	110	2	NC part of quad	14-I	strat column	location from	Pliocene		Reed &	
13740	Santa Barbara	Lompoc	110	3	NC part of quad	14-I	strat column	Sec/T/R on	Pliocene		Reed &	
13741	Santa Barbara	Lompoc	110	4	NC part of quad	14-I	strat column	column	Pliocene		Reed &	
13742	Santa Barbara	Lompoc	110	5	NC part of quad	14-I	strat column		Pliocene		Reed &	
13743	Santa Barbara	Lompoc	110	6	NC part of quad	14-I	strat column		Pliocene		Reed &	
13744	Santa Barbara	Lompoc	110	7	NC part of quad	14-I	strat column		Pliocene		Reed &	
13745	Santa Barbara	Lompoc	110	8	NC part of quad	14-I	strat column		Pliocene		Reed &	
13746	Santa Barbara	Lompoc	110	18	NC part of quad	14-I	strat column		Pliocene		Reed &	
13747	Santa Barbara	Lompoc	110	39	NC part of quad	14-I	strat column		Pliocene		Reed &	
13748	Santa Barbara	Lompoc	110	40	NC part of quad	14-I	strat column		Pliocene		Reed &	
13749	Santa Barbara	Lompoc	110	41	NC part of quad	14-I	strat column		Pliocene		Reed &	
13750	Santa Barbara	Lompoc Hills	121	7	SE part of quad	68-D			Paleocene E zone			
13751	Santa Barbara	Lompoc Hills	121	8	SE part of quad	68-D			Paleocene E zone			
13752	Santa Barbara	Lompoc Hills	121	9	SE part of quad	68-D			Paleocene E zone			
13753	Santa Barbara	Lompoc Hills	121	10	SE part of quad	68-D			Paleocene E zone			
13754	Santa Barbara	Lompoc Hills	121	11	SE part of quad	68-D	Discocyclina		no age provided			
13755	Santa Barbara	Lompoc Hills	199	slide	Anita sh	79-M	along Hwy 1		no ages given			
13756	Santa Barbara	Lompoc Hills	199	slice	Anita sh	79-M	along Hwy 1		no ages given			
13757	Santa Barbara	Lompoc Hills	199	2 (5)	Anita sh	26-K	along Hwy 1	planktics abun	no ages given			
13758	Santa Barbara	Lompoc Hills	218	1	EC part of quad	19-D			no paleo info			
13759	Santa Barbara	Lompoc Hills	218	2	EC part of quad	19-D			no paleo info			
13760	Santa Barbara	Lompoc Hills	218	3	EC part of quad	19-D	benthic		no paleo info			
13761	Santa Barbara	Lompoc Hills	218	3	EC part of quad	19-D	pelagic		no paleo info			
13762	Santa Barbara	Lompoc Hills	218	4	EC part of quad	19-D			no paleo info			
13763	Santa Barbara	Lompoc Hills	218	4	EC part of quad	19-D			no paleo info			
13764	Santa Barbara	Lompoc Hills	218	5	EC part of quad	19-D			no paleo info			
13765	Santa Barbara	Lompoc Hills	1815		Jalama Road	69-C	Lompoc 15'		Eocene		Kraetsch	
13766	Santa Barbara	Lompoc Hills	1816		Salsipuedes Ck	69-C	Lompoc 15'		Eocene		Kraetsch	
13767	Santa Barbara	Lompoc Hills	1817		Salsipuedes Ck	69-D	Lompoc 15'		not diagnostic		Kraetsch	
13768	Santa Barbara	Lompoc Hills	1819		Salsipuedes Ck	69-D	Lompoc 15'		Eocene		Kraetsch	
13769	Santa Barbara	Lompoc Hills	1820		El Jaro Creek	69-D	Lompoc 15'		Relizian		Kraetsch	
13770	Santa Barbara	Lompoc Hills	1828		NW part of quad	69-D			not diagnostic		Hoheisel	
13771	Santa Barbara	Lompoc Hills	1829		La Hoya Creek	69-D			not diagnostic		Hoheisel	
13772	Santa Barbara	Lompoc Hills	1832		La Hoya Creek	69-D			Upper Miocene		Zeni-Hoh	

	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		
13773	Santa Barbara	Lompoc Hills	1853	A	NW part of quad	69-D	slides but rock	Anita sh?	not diagnostic	Hoheisel		
13774	Santa Barbara	Lompoc Hills	1853	B	NW part of quad	69-D	names are S CA	Anita sh?	not diagnostic	Hoheisel		
13775	Santa Barbara	Lompoc Hills	1854		NW part of quad	69-D			M Eocene A-2 zone	Hoheisel		
13776	Santa Barbara	Lompoc Hills	1855		NW part of quad	69-D			Saucesian	Hoheisel		
13777	Santa Barbara	Lompoc Hills	1856		NW part of quad	69-D			not diagnostic	Hoheisel		
13778	Santa Barbara	Lompoc Hills	1857		NW part of quad	69-D			not diagnostic	Hoheisel		
13779	Santa Barbara	Lompoc Hills	1858		NW part of quad	69-D			poss Refugian	Hoheisel		
13780	Santa Barbara	Lompoc Hills	1860		center of quad	69-D			Saucesian?	Hoheisel		
13781	Santa Barbara	Lompoc Hills	2520		Jalama Road	69-I			not diagnostic			
13782	Santa Barbara	Lompoc Hills	2522		Jalama Road	69-I			barren			
13783	Santa Barbara	Lompoc Hills	2523		Jalama Road	69-I	see also SB	Lompoc Hills	M Eocene A-2 zone			
13784	Santa Barbara	Lompoc Hills	2524		Jalama Road	69-I	see also SB	Lompoc Hills	M Eocene A-2 zone			
13785	Santa Barbara	Lompoc Hills	2526		Jalama Road	69-I	see also SB	Lompoc Hills	Cretaceous?			
13786	Santa Barbara	Lompoc Hills	2527		Jalama Road	69-I			Upper Cretaceous			
13787	Santa Barbara	Lompoc Hills	2527		Jalama Road	33-G			Upper Cretaceous			
13788	Santa Barbara	Lompoc Hills	2527	slide 1	Jalama Road	none	glass slide		no paleo info			
13789	Santa Barbara	Lompoc Hills	2528		Jalama Road	69-I			Eocene			
13790	Santa Barbara	Lompoc Hills	2530		Jalama Road	69-I			Lower Relizian			
13791	Santa Barbara	Lompoc Hills	2531		Jalama Road	69-I			Lower Relizian			
13792	Santa Barbara	Lompoc Hills	2533		Jalama Road	69-I			barren			
13793	Santa Barbara	Lompoc Hills	2534		Jalama Road	69-I			barren			
13794	Santa Barbara	Lompoc Hills	2535		Jalama Road	69-I			Upper Cretaceous			
13795	Santa Barbara	Lompoc Hills	2922		Long Canyon	69-I			no paleo info			
13796	Santa Barbara	Lompoc Hills	2926		Long Canyon	69-I			no paleo info			
13797	Santa Barbara	Lompoc Hills	3654		La Hoya Creek	69-J			not diagnostic	Kraetsch		
13798	Santa Barbara	Lompoc Hills	3665		WC part of quad	69-J	Cabrillo Hwy		M Eocene A-2	Kraetsch		
13799	Santa Barbara	Lompoc Hills	3665	RS	WC part of quad	69-J	Cabrillo Hwy		M Eocene A-2	Kraetsch		
13800	Santa Barbara	Lompoc Hills	3916		not found	69-J	Lompc 15'		poss Upper Mioce	Kraetsch &		
13801	Santa Barbara	Lompoc Hills	4609		Escondito Creek	19-F			not diagnostic			
13802	Santa Barbara	Lompoc Hills	4610		Escondito Creek	19-F			Mohnian			
13803	Santa Barbara	Lompoc Hills	4611		Escondito Creek	19-F			Saucesian			
13804	Santa Barbara	Lompoc Hills	4612		Escondito Creek	19-F			not diagnostic			
13805	Santa Barbara	Lompoc Hills	4613		center of quad	19-F			Mohnian			
13806	Santa Barbara	Lompoc Hills	4614	1	Escondito Creek	19-F			Relizian			
13807	Santa Barbara	Lompoc Hills	4614	2	Escondito Creek	19-F			Relizian			
13808	Santa Barbara	Lompoc Hills	4616		Escondito Creek	19-F			Lower Mohnian			
13809	Santa Barbara	Lompoc Hills	5235		Jalama Rd 1 mi S	45-N	of Jalama School		Eocene			
13810	Santa Barbara	Lompoc Hills	5236		EC part of quad	45-N			Eocene			
13811	Santa Barbara	Lompoc Hills	5237		EC part of quad	45-N			no paleo info			
13812	Santa Barbara	Lompoc Hills	5238		NW part of quad	45-N			no paleo info			
13813	Santa Barbara	Lompoc Hills	5243		Jalama Road	38-M			no paleo info			
13814	Santa Barbara	Lompoc Hills	7739		Jalama Road	68-I		have NP list	Paleocene			
13815	Santa Barbara	Lompoc Hills	7741		Jalama Road	68-I			Cretaceous			
13816	Santa Barbara	Lompoc Hills	7744		not found	68-I			Lower Relizian			
13817	Santa Barbara	Lompoc Hills	7894		N of Jalama Ranch	68-H			no paleo info			
13818	Santa Barbara	Lompoc Hills	7899		NE of Jalama Ranch	68-H			no paleo info			
13819	Santa Barbara	Lompoc Hills	7957		Cabrillo Highway	110-E	area D-5		not diagnostic			
13820	Santa Barbara	Lompoc Hills	9529	85	NC part of quad	86-I	#1-75 on map		Upper Mohnian			
13821	Santa Barbara	Lompoc Hills	9529	86	NC part of quad	86-I	Lmpc Hills quarry		Upper Mohnian			
13822	Santa Barbara	Lompoc Hills	9529	88	NC part of quad	86-I			Upper Mohnian			
13823	Santa Barbara	Lompoc Hills	9529	89	NC part of quad	86-I			Middle Mohnian			
13824	Santa Barbara	Lompoc Hills	9529	90	NC part of quad	86-I			Middle Mohnian			
13825	Santa Barbara	Lompoc Hills	9529	107	NC part of quad	86-I			Middle Mohnian			
13826	Santa Barbara	Lompoc Hills	9529	108	NC part of quad	86-I			Middle Mohnian			
13827	Santa Barbara	Lompoc Hills	9529	109	NC part of quad	86-I			Middle Mohnian			
13828	Santa Barbara	Lompoc Hills	9529	110	NC part of quad	86-I			Middle Mohnian			
13829	Santa Barbara	Lompoc Hills	9529	111	NC part of quad	86-I			Middle Mohnian			
13830	Santa Barbara	Lompoc Hills	9529	112	NC part of quad	86-I			Middle Mohnian			
13831	Santa Barbara	Lompoc Hills	9529	113	NC part of quad	86-I			Middle Mohnian			
13832	Santa Barbara	Lompoc Hills	9529	114	NC part of quad	86-I			Middle Mohnian			
13833	Santa Barbara	Lompoc Hills	9529	115	NC part of quad	86-I			Middle Mohnian			
13834	Santa Barbara	Lompoc Hills	9529	116	NC part of quad	86-I			Middle Mohnian			
13835	Santa Barbara	Lompoc Hills	11001	A	Jaro Creek	79-H			Eocene	Moberly & H		
13836	Santa Barbara	Lompoc Hills	11001	B	Jaro Creek	79-H			Eocene	Moberly & H		
13837	Santa Barbara	Lompoc Hills	11002		EC part of quad	79-H			Eocene	Moberly & H		
13838	Santa Barbara	Lompoc Hills	11340		NE of Jalama Ranch	79-I			Eocene	Kraetsch		
13839	Santa Barbara	Lompoc Hills	11341	A	NE of Jalama Ranch	79-I			U Eocene A-2 zone	Kraetsch		
13840	Santa Barbara	Lompoc Hills	11341	B	NE of Jalama Ranch	79-I			U Eocene A-2 zone	Kraetsch		
13841	Santa Barbara	Lompoc Hills	11342		NE of Jalama Ranch	79-I			U Eocene A-2 zone	Kraetsch		
13842	Santa Barbara	Lompoc Hills	11343	A	NE of Jalama Ranch	79-I			not diagnostic	Kraetsch		
13843	Santa Barbara	Lompoc Hills	11343	B	NE of Jalama Ranch	79-I			not diagnostic	Kraetsch		
13844	Santa Barbara	Lompoc Hills	11345		NE of Jalama Ranch	79-I			U Eocene A-1 zone	Kraetsch		
13845	Santa Barbara	Lompoc Hills	11346		Jalama Road	79-I			not diagnostic	Kraetsch		
13846	Santa Barbara	Lompoc Hills	11347		Jalama Road	79-I			Eocene	Kraetsch		
13847	Santa Barbara	Lompoc Hills	11348		Jalama School	79-I			not diagnostic	Kraetsch		
13848	Santa Barbara	Lompoc Hills	530	2	Jalama area	82-I			no paleo info			
13849	Santa Barbara	Lompoc Hills	530	3	Jalama area	82-I			no paleo info			
13850	Santa Barbara	Lompoc Hills	530	slide 3	Jalama area	82-I			no paleo info			
13851	Santa Barbara	Lompoc Hills	530	4	Jalama area	82-I			no paleo info			
13852	Santa Barbara	Lompoc Hills	530	slide 4	Jalama area	82-I			no paleo info			
13853	Santa Barbara	Lompoc Hills	530	slide 4	Jalama area	82-I			no paleo info			
13854	Santa Barbara	Lompoc Hills	530	5	Jalama area	82-I			no paleo info			
13855	Santa Barbara	Lompoc Hills	530	6	Jalama area	82-I			no paleo info			
13856	Santa Barbara	Lompoc Hills	530	7	Jalama area	82-I			no paleo info			
13857	Santa Barbara	Lompoc Hills	530	8	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	ONE/SERIES/AGI	COLLECTORS		
13858	Santa Barbara	Lompos Hills	530	slide 8	Jalama area	82-I			no paleo info			
13859	Santa Barbara	Lompos Hills	530	slide 8	Jalama area	82-I			no paleo info			
13860	Santa Barbara	Lompos Hills	530	9	Jalama area	82-I			no paleo info			
13861	Santa Barbara	Lompos Hills	530	10	Jalama area	82-I			no paleo info			
13862	San Joaquin	Lone Tree Creek	471	4	Hospital Creek	108-L			Upper Cretaceous			
13863	San Joaquin	Lone Tree Creek	20727	1	Bird Road	236-D	Northern SJV auger		no paleo info			
13864	San Luis Obispo	Lopez Mountain	16	10	SE corner of quad	68-A	S Luis Obispo 15'		no paleo info			
13865	San Luis Obispo	Lopez Mountain	16	11	SE corner of quad	68-A	S Luis Obispo 15'		no paleo info			
13866	San Luis Obispo	Lopez Mountain	16	12	SE corner of quad	68-A	S Luis Obispo 15'		no paleo info			
13867	San Luis Obispo	Lopez Mountain	16	13	SE corner of quad	68-A	S Luis Obispo 15'		no paleo info			
13868	San Luis Obispo	Lopez Mountain	16	14	SE corner of quad	68-A	S Luis Obispo 15'		no paleo info			
13869	San Luis Obispo	Lopez Mountain	1750	A	Oil Well Canyon	69-B	S Luis Obispo 15'		Zemorrian/Sauc	Newbill		
13870	San Luis Obispo	Lopez Mountain	1750	B	Oil Well Canyon	69-B	S Luis Obispo 15'		Relizian	Newbill		
13871	San Luis Obispo	Lopez Mountain	1939		center of quad	69-E	San Luis Obispo 15'		not diagnostic	Newbill		
13872	San Luis Obispo	Lopez Mountain	1940		center of quad	69-E	San Luis Obispo 15'		Upper Relizian	Newbill		
13873	San Luis Obispo	Lopez Mountain	11024		NE of Lopez Mtn	79-H	S Luis Obispo 15'		not diagnostic	Kraetsch		
13874	San Luis Obispo	Lopez Mountain	11025		NE of Lopez Mtn	79-H	S Luis Obispo 15'		not diagnostic	Kraetsch		
13875	San Luis Obispo	Lopez Mountain	11026	2	NE of Lopez Mtn	79-H	S Luis Obispo 15'		Luisian	Kraetsch		
13876	San Luis Obispo	Lopez Mountain	11026	3	NE of Lopez Mtn	79-H	S Luis Obispo 15'		Luisian	Kraetsch		
13877	San Luis Obispo	Lopez Mountain	11027		NE of Lopez Mtn	79-H	S Luis Obispo 15'		Relizian	Kraetsch		
13878	San Luis Obispo	Lopez Mountain	11028		NE of Lopez Mtn	79-H	S Luis Obispo 15'		Middle Miocene	Kraetsch		
13879	San Luis Obispo	Lopez Mountain	11029		NE corner of quad	79-H	S Luis Obispo 15'		barren	Kraetsch		
13880	San Luis Obispo	Lopez Mountain	11030		N of Black Butte	79-H	S Luis Obispo 15'		Relizian	Kraetsch		
13881	San Luis Obispo	Lopez Mountain	11031		N of Black Butte	79-H	S Luis Obispo 15'		prob Luisian	Kraetsch		
13882	San Luis Obispo	Lopez Mountain	11032		NE part of quad	79-H	S Luis Obispo 15'		Saucesian/Relizian	Kraetsch		
13883	Santa Barbara	Lopez Mountain	11045		SW part of quad	79-I			prob Saucesian	Kraetsch		
13884	Santa Barbara	Lopez Mountain	11047		SW part of quad	79-I			Miocene			
13885	San Luis Obispo	Lopez Mountain	11719		NC part of quad	161-N	S Luis Obispo 15'		Lower Mohnian	Kistler		
13886	Santa Barbara	Lopez Mountain?	11046		not on map	79-I			Saucesian	Kraetsch		
13887	Santa Barbara	Los Alamos	2321		Drum Canyon	23-K			no paleo info			
13888	Santa Barbara	Los Alamos	2322		Drum Canyon	23-K			no paleo info			
13889	Santa Barbara	Los Alamos	2323		Drum Canyon	23-K			no paleo info			
13890	Santa Barbara	Los Alamos	2324		Drum Canyon	23-K			Pliocene/Miocene	Newbill		
13891	Santa Barbara	Los Alamos	2325		Drum Canyon	23-K			not diagnostic	Newbill		
13892	Santa Barbara	Los Alamos	2326		Drum Canyon	23-K			Pliocene/Miocene	Newbill		
13893	Santa Barbara	Los Alamos	11004		SW corner of quad	79-H		Lompoc 15'	Luisian	Hoheisel		
13894	Los Angeles	Los Angeles	33		Repetto Hills	125-H			Pliocene			
13895	Los Angeles	Los Angeles	33	slide 1	Repetto Hills	127-M			Pliocene			
13896	Los Angeles	Los Angeles	33	slide 2	Repetto Hills	127-M			Pliocene			
13897	Los Angeles	Los Angeles	33	slide 3	Repetto Hills	127-M			Pliocene			
13898	Los Angeles	Los Angeles	33	slide 4	Repetto Hills	127-M			Pliocene			
13899	Los Angeles	Los Angeles	33	slide 5	Repetto Hills	127-M			Pliocene			
13900	Los Angeles	Los Angeles	33	1	Repetto Hills	8-H			Pliocene			
13901	Los Angeles	Los Angeles	33	2	Repetto Hills	8-H			Pliocene			
13902	Los Angeles	Los Angeles	33	3	Repetto Hills	8-H			Pliocene			
13903	Los Angeles	Los Angeles	33	4	Repetto Hills	8-H			Pliocene			
13904	Los Angeles	Los Angeles	33	5	Repetto Hills	8-H			Pliocene			
13905	Los Angeles	Los Angeles	33	6	Repetto Hills	8-H			Pliocene			
13906	Los Angeles	Los Angeles	33	7	Repetto Hills	8-H			Pliocene			
13907	Los Angeles	Los Angeles	33	8	Repetto Hills	8-H			Pliocene			
13908	Los Angeles	Los Angeles	33	9	Repetto Hills	8-H			Pliocene			
13909	Los Angeles	Los Angeles	33	10	Repetto Hills	8-H			Pliocene			
13910	Los Angeles	Los Angeles	33	11	Repetto Hills	8-G			Pliocene			
13911	Los Angeles	Los Angeles	33	12	Repetto Hills	8-G			Pliocene			
13912	Los Angeles	Los Angeles	33	13	Repetto Hills	8-G			Pliocene			
13913	Los Angeles	Los Angeles	33	14	Repetto Hills	8-G			Pliocene			
13914	Los Angeles	Los Angeles	33	15	Repetto Hills	8-G			Pliocene			
13915	Los Angeles	Los Angeles	33	16	Repetto Hills	8-G			Pliocene			
13916	Los Angeles	Los Angeles	33	17	Repetto Hills	8-G			Pliocene			
13917	Los Angeles	Los Angeles	33	18	Repetto Hills	8-G			Pliocene			
13918	Los Angeles	Los Angeles	33	19	Repetto Hills	8-G			Pliocene			
13919	Los Angeles	Los Angeles	33	20	Repetto Hills	8-G			Pliocene			
13920	Los Angeles	Los Angeles	33	21	Repetto Hills	8-G			Pliocene			
13921	Los Angeles	Los Angeles	33	22	Repetto Hills	8-G			Pliocene			
13922	Los Angeles	Los Angeles	33	23	Repetto Hills	8-G			Pliocene			
13923	Los Angeles	Los Angeles	33	24	Repetto Hills	8-G			Pliocene			
13924	Los Angeles	Los Angeles	33	25	Repetto Hills	8-G			Pliocene			
13925	Los Angeles	Los Angeles	33	26	Repetto Hills	8-G			Pliocene			
13926	Los Angeles	Los Angeles	33	27	Repetto Hills	8-G			Pliocene			
13927	Los Angeles	Los Angeles	33	28	Repetto Hills	8-G			Pliocene			
13928	Los Angeles	Los Angeles	33	29	Repetto Hills	8-G			Pliocene			
13929	Los Angeles	Los Angeles	33	30	Repetto Hills	8-G			Pliocene			
13930	Los Angeles	Los Angeles	33	31	Repetto Hills	8-G			Pliocene			
13931	Los Angeles	Los Angeles	33	32	Repetto Hills	8-G			Pliocene			
13932	Los Angeles	Los Angeles	33	33	Repetto Hills	8-G			Pliocene			
13933	Los Angeles	Los Angeles	33	34	Repetto Hills	8-G			Pliocene			
13934	Los Angeles	Los Angeles	33	35	Repetto Hills	8-G			Pliocene			
13935	Los Angeles	Los Angeles	33	36	Repetto Hills	8-G			Pliocene			
13936	Los Angeles	Los Angeles	33	37	Repetto Hills	8-G			Pliocene			
13937	Los Angeles	Los Angeles	33	38	Repetto Hills	8-G			Pliocene			
13938	Los Angeles	Los Angeles	33	39	Repetto Hills	8-G			Pliocene			
13939	Los Angeles	Los Angeles	33	40	Repetto Hills	8-G			Pliocene			
13940	Los Angeles	Los Angeles	33	41	Repetto Hills	8-G			Pliocene			
13941	Los Angeles	Los Angeles	33	42	Repetto Hills	8-G			Pliocene			
13942	Los Angeles	Los Angeles	33	43	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 LOCATI	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
14113	Los Angeles	Los Angeles	33	214	Repetto Hills	8-D			Pliocene			
14114	Los Angeles	Los Angeles	33	215	Repetto Hills	8-D			Pliocene			
14115	Los Angeles	Los Angeles	33	216	Repetto Hills	8-D			Pliocene			
14116	Los Angeles	Los Angeles	33	217	Repetto Hills	8-D			Pliocene			
14117	Los Angeles	Los Angeles	33	218	Repetto Hills	8-D			Pliocene			
14118	Los Angeles	Los Angeles	33	219	Repetto Hills	8-D			Pliocene			
14119	Los Angeles	Los Angeles	33	220	Repetto Hills	8-D			Pliocene			
14120	Los Angeles	Los Angeles	33	221	Repetto Hills	8-D			Pliocene			
14121	Los Angeles	Los Angeles	33	222	Repetto Hills	8-D			Pliocene			
14122	Los Angeles	Los Angeles	33	223	Repetto Hills	8-D			Pliocene			
14123	Los Angeles	Los Angeles	33	224	Repetto Hills	8-D			Pliocene			
14124	Los Angeles	Los Angeles	33	225	Repetto Hills	8-D			Pliocene			
14125	Los Angeles	Los Angeles	33	226	Repetto Hills	8-D			Pliocene			
14126	Los Angeles	Los Angeles	33	227	Repetto Hills	8-D			Pliocene			
14127	Los Angeles	Los Angeles	33	228	Repetto Hills	8-D			Pliocene			
14128	Los Angeles	Los Angeles	33	229	Repetto Hills	8-C			Pliocene			
14129	Los Angeles	Los Angeles	33	230	Repetto Hills	8-C			Pliocene			
14130	Los Angeles	Los Angeles	33	231	Repetto Hills	8-C			Pliocene			
14131	Los Angeles	Los Angeles	33	232	Repetto Hills	8-C			Pliocene			
14132	Los Angeles	Los Angeles	33	233	Repetto Hills	8-C			Pliocene			
14133	Los Angeles	Los Angeles	33	234	Repetto Hills	8-C			Pliocene			
14134	Los Angeles	Los Angeles	33	235	Repetto Hills	8-C			Pliocene			
14135	Los Angeles	Los Angeles	225	1	center of quad	52-N			no paleo info			
14136	Los Angeles	Los Angeles	225	1A	center of quad	52-N			no paleo info			
14137	Los Angeles	Los Angeles	225	1B	center of quad	52-N			no paleo info			
14138	Los Angeles	Los Angeles	225	2	center of quad	52-N			no paleo info			
14139	Los Angeles	Los Angeles	225	3	center of quad	52-N			no paleo info			
14140	Los Angeles	Los Angeles	225	4	center of quad	52-N			no paleo info			
14141	Los Angeles	Los Angeles	225	11	center of quad	52-N			no paleo info			
14142	Los Angeles	Los Angeles	281	1	Monterey Pass Rd	65-D	Have strat column		no paleo info			
14143	Los Angeles	Los Angeles	281	2	Monterey Pass Rd	65-D	but no ages. Prob		no paleo info			
14144	Los Angeles	Los Angeles	281	3	Monterey Pass Rd	65-D	Miocene or Pliocene		no paleo info			
14145	Los Angeles	Los Angeles	281	4	Monterey Pass Rd	65-D	Repetto Fm. Have		no paleo info			
14146	Los Angeles	Los Angeles	281	5	Monterey Pass Rd	65-D	report on many		no paleo info			
14147	Los Angeles	Los Angeles	281	6	Monterey Pass Rd	65-D	planktic forams in		no paleo info			
14148	Los Angeles	Los Angeles	281	7	Monterey Pass Rd	65-D	these samples.		no paleo info			
14149	Los Angeles	Los Angeles	281	8	Monterey Pass Rd	65-D	Also have genera		no paleo info			
14150	Los Angeles	Los Angeles	281	9	Monterey Pass Rd	65-D	cards		no paleo info			
14151	Los Angeles	Los Angeles	281	10	Monterey Pass Rd	65-D			no paleo info			
14152	Los Angeles	Los Angeles	281	11	Monterey Pass Rd	65-D			no paleo info			
14153	Los Angeles	Los Angeles	281	12	Monterey Pass Rd	65-D			no paleo info			
14154	Los Angeles	Los Angeles	281	13	Monterey Pass Rd	65-D			no paleo info			
14155	Los Angeles	Los Angeles	281	14	Monterey Pass Rd	65-D			no paleo info			
14156	Los Angeles	Los Angeles	281	15	Monterey Pass Rd	65-D			no paleo info			
14157	Los Angeles	Los Angeles	281	16	Monterey Pass Rd	65-D			no paleo info			
14158	Los Angeles	Los Angeles	281	17	Monterey Pass Rd	65-D			no paleo info			
14159	Los Angeles	Los Angeles	281	18	Monterey Pass Rd	65-D			no paleo info			
14160	Los Angeles	Los Angeles	281	19	Monterey Pass Rd	65-D			no paleo info			
14161	Los Angeles	Los Angeles	281	20	Monterey Pass Rd	65-D			no paleo info			
14162	Los Angeles	Los Angeles	281	21	Monterey Pass Rd	65-D			no paleo info			
14163	Los Angeles	Los Angeles	281	22	Monterey Pass Rd	65-D			no paleo info			
14164	Los Angeles	Los Angeles	281	23	Monterey Pass Rd	65-D			no paleo info			
14165	Los Angeles	Los Angeles	281	24	Monterey Pass Rd	65-D			no paleo info			
14166	Los Angeles	Los Angeles	281	25	Monterey Pass Rd	65-D			no paleo info			
14167	Los Angeles	Los Angeles	281	26	Monterey Pass Rd	65-D			no paleo info			
14168	Los Angeles	Los Angeles	281	27	Monterey Pass Rd	65-D			no paleo info			
14169	Los Angeles	Los Angeles	281	28	Monterey Pass Rd	65-D			no paleo info			
14170	Los Angeles	Los Angeles	281	29	Monterey Pass Rd	65-D			no paleo info			
14171	Los Angeles	Los Angeles	281	30	Monterey Pass Rd	65-D			no paleo info			
14172	Los Angeles	Los Angeles	281	31	Monterey Pass Rd	65-D			no paleo info			
14173	Los Angeles	Los Angeles	281	32	Monterey Pass Rd	65-D			no paleo info			
14174	Los Angeles	Los Angeles	281	33	Monterey Pass Rd	65-D			no paleo info			
14175	Los Angeles	Los Angeles	281	34	Monterey Pass Rd	65-D			no paleo info			
14176	Los Angeles	Los Angeles	281	35	Monterey Pass Rd	65-D			no paleo info			
14177	Los Angeles	Los Angeles	281	36	Monterey Pass Rd	65-D			no paleo info			
14178	Los Angeles	Los Angeles	281	38	Monterey Pass Rd	65-D			no paleo info			
14179	Los Angeles	Los Angeles	281	40	Monterey Pass Rd	65-D			no paleo info			
14180	Los Angeles	Los Angeles	281	41	Monterey Pass Rd	65-D			no paleo info			
14181	Los Angeles	Los Angeles	281	42	Monterey Pass Rd	65-D			no paleo info			
14182	Los Angeles	Los Angeles	281	43	Monterey Pass Rd	65-D			no paleo info			
14183	Los Angeles	Los Angeles	281	44	Monterey Pass Rd	65-D			no paleo info			
14184	Los Angeles	Los Angeles	281	45	Monterey Pass Rd	65-D			no paleo info			
14185	Los Angeles	Los Angeles	281	46	Monterey Pass Rd	65-D			no paleo info			
14186	Los Angeles	Los Angeles	281	47	Monterey Pass Rd	65-D			no paleo info			
14187	Los Angeles	Los Angeles	281	48	Monterey Pass Rd	65-D			no paleo info			
14188	Los Angeles	Los Angeles	281	49	Monterey Pass Rd	65-D			no paleo info			
14189	Los Angeles	Los Angeles	281	50	Monterey Pass Rd	65-D			no paleo info			
14190	Los Angeles	Los Angeles	281	51	Monterey Pass Rd	65-D			no paleo info			
14191	Los Angeles	Los Angeles	281	52	Monterey Pass Rd	65-D			no paleo info			
14192	Los Angeles	Los Angeles	281	53	Monterey Pass Rd	65-D			no paleo info			
14193	Los Angeles	Los Angeles	281	54	Monterey Pass Rd	65-D			no paleo info			
14194	Los Angeles	Los Angeles	281	55	Monterey Pass Rd	65-D			no paleo info			
14195	Los Angeles	Los Angeles	281	61	Monterey Pass Rd	65-D			no paleo info			
14196	Los Angeles	Los Angeles	281	62	Monterey Pass Rd	65-D			no paleo info			
14197	Los Angeles	Los Angeles	281	71	Monterey Pass Rd	65-D			no paleo info			

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCATI	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
14368	Los Angeles	Los Angeles	672	49	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
14369	Los Angeles	Los Angeles	672	50	Newtonia Ave	75-J			Lower Mohnian	Floyd &		
14370	Los Angeles	Los Angeles	686	1	Arroyo Seco Park	77-C			Mohnian			
14371	Los Angeles	Los Angeles	686	2	Arroyo Seco Park	77-C			Mohnian			
14372	Los Angeles	Los Angeles	686	6	Arroyo Seco Park	77-C			Mohnian			
14373	Los Angeles	Los Angeles	686	7	Arroyo Seco Park	77-C			Mohnian			
14374	Los Angeles	Los Angeles	686	8	Arroyo Seco Park	77-C			Mohnian			
14375	Los Angeles	Los Angeles	686	9	Arroyo Seco Park	77-C			Mohnian			
14376	Los Angeles	Los Angeles	686	10	Arroyo Seco Park	77-C			Mohnian			
14377	Los Angeles	Los Angeles	686	11	Arroyo Seco Park	77-C			Mohnian			
14378	Los Angeles	Los Angeles	686	12	Arroyo Seco Park	77-C			Mohnian			
14379	Los Angeles	Los Angeles	686	13	Arroyo Seco Park	77-C			Mohnian			
14380	Los Angeles	Los Angeles	686	15	Arroyo Seco Park	77-C			Mohnian			
14381	Los Angeles	Los Angeles	686	16	Arroyo Seco Park	77-C			Mohnian			
14382	Los Angeles	Los Angeles	686	17	Arroyo Seco Park	77-C			Mohnian			
14383	Los Angeles	Los Angeles	686	18	Arroyo Seco Park	77-C			Mohnian			
14384	Los Angeles	Los Angeles	686	19	Arroyo Seco Park	77-C			Mohnian			
14385	Los Angeles	Los Angeles	686	20	Arroyo Seco Park	77-C			Mohnian			
14386	Los Angeles	Los Angeles	686	21	Arroyo Seco Park	77-C			Mohnian			
14387	Los Angeles	Los Angeles	686	22	Arroyo Seco Park	77-C			Mohnian			
14388	Los Angeles	Los Angeles	687	2	Arroyo Seco Park	76-A	not on map		Mohnian			
14389	Los Angeles	Los Angeles	687	3	Arroyo Seco Park	76-A	not on map		Mohnian			
14390	Los Angeles	Los Angeles	687	4	Arroyo Seco Park	76-A	not on map		Mohnian			
14391	Los Angeles	Los Angeles	687	5	Arroyo Seco Park	76-A	not on map		Mohnian			
14392	Los Angeles	Los Angeles	687	6	Arroyo Seco Park	76-A	not on map		Mohnian			
14393	Los Angeles	Los Angeles	687	7	Arroyo Seco Park	76-A	not on map		Mohnian			
14394	Los Angeles	Los Angeles	687	8	Arroyo Seco Park	76-A	not on map		Mohnian			
14395	Los Angeles	Los Angeles	1301		South Pasadena	70-D			no paleo info			
14396	Los Angeles	Los Angeles	1307		center of quad	24-M	old Alhambra Quad		no paleo info			
14397	Los Angeles	Los Angeles	1308		center of quad	24-M	old Alhambra Quad		no paleo info			
14398	Los Angeles	Los Angeles	1309		center of quad	24-M	old Alhambra Quad		no paleo info			
14399	Los Angeles	Los Angeles	1310		center of quad	24-M	old Alhambra Quad		no paleo info			
14400	Los Angeles	Los Angeles	1311		center of quad	24-M	old Alhambra Quad		no paleo info			
14401	Los Angeles	Los Angeles	1312		center of quad	24-M	old Alhambra Quad		no paleo info			
14402	Los Angeles	Los Angeles	1313		center of quad	24-M	old Alhambra Quad		no paleo info			
14403	Los Angeles	Los Angeles	5584		San Bernardino Fy	11-N	S of SP shops	strat column	Eocene			
14404	Los Angeles	Los Angeles	6025		Brooklyn Ave	22-N			no paleo info			
14405	Los Angeles	Los Angeles	6026		NE of City Terr Sc	22-N			no paleo info			
14406	Los Angeles	Los Angeles	7020		see # 6957	62-L	Mt Washington		Mohnian			
14407	Los Angeles	Los Angeles	7030		not on map	62-L		see#7020	no paleo info			
14408	Los Angeles	Los Angeles	7588		NE part of quad	70-E			no paleo info	Welge		
14409	Los Angeles	Los Angeles	7592		NE part of quad	70-E			no paleo info	Welge		
14410	Los Angeles	Los Angeles	7619		NE part of quad	70-D			no paleo info			
14411	Los Angeles	Los Angeles	7625		NE part of quad	70-D			no paleo info			
14412	Los Angeles	Los Angeles	8591		NE part of quad	77-D			Lower Mohnian			
14413	Los Angeles	Los Angeles	8595		NE part of quad	77-D			Mohnian			
14414	Los Angeles	Los Angeles	8597		NE part of quad	77-D			Mohnian			
14415	Los Angeles	Los Angeles	8598		NE part of quad	77-D			prob L Mohnian			
14416	Los Angeles	Los Angeles	8599		NE part of quad	77-D			Mohnian			
14417	Los Angeles	Los Angeles	8600		NE part of quad	74-G			Mohnian			
14418	Los Angeles	Los Angeles	8600		NE part of quad	77-D			Lower Mohnian			
14419	Los Angeles	Los Angeles	8602		NE part of quad	77-D			?Lower Mohnian			
14420	Los Angeles	Los Angeles	8603		NE part of quad	77-D			Lower Mohnian			
14421	Los Angeles	Los Angeles	8604		NE part of quad	77-D			Lower Mohnian			
14422	Los Angeles	Los Angeles	8605		NE part of quad	77-D			Lower Mohnian			
14423	Los Angeles	Los Angeles	8607		NE part of quad	77-D			no paleo info			
14424	Los Angeles	Los Angeles	8609		NE part of quad	77-D			Mohnian			
14425	Los Angeles	Los Angeles	8610		NE part of quad	77-D			no paleo info			
14426	Los Angeles	Los Angeles	8611		NE part of quad	77-D			no paleo info			
14427	Los Angeles	Los Angeles	8612		NE part of quad	77-D			Lower Mohnian			
14428	Los Angeles	Los Angeles	8613		NE part of quad	77-D			no paleo info			
14429	Los Angeles	Los Angeles	8614		NE part of quad	77-D			not diagnostic			
14430	Los Angeles	Los Angeles	8615		NE part of quad	77-D			Lower Mohnian			
14431	Los Angeles	Los Angeles	8616		NE part of quad	77-D			Lower Mohnian			
14432	Los Angeles	Los Angeles	8617		NE part of quad	77-D			Lower Mohnian			
14433	Los Angeles	Los Angeles	8618		NE part of quad	77-D			Lower Mohnian			
14434	Los Angeles	Los Angeles	8619		NE part of quad	77-D			Lower Mohnian			
14435	Merced	Los Banos Valley	3806		NE corner of quad	126-A	Quien Sabe 15'		U Cretaceous			
14436	Merced	Los Banos Valley	11771	2	NE part of quad	191-N	Quien Sabe 15'	Area H-9	no paleo info	Reber		
14437	Merced	Los Banos Valley	11771	3	NE part of quad	191-N	Quien Sabe 15'		no paleo info	Reber		
14438	Merced	Los Banos Valley	11771	4	NE part of quad	191-N	Quien Sabe 15'		no paleo info	Reber		
14439	Merced	Los Banos Valley	11771	5	NE part of quad	191-N	Quien Sabe 15'		no paleo info	Reber		
14440	Merced	Los Banos Valley	11771	6	NE part of quad	191-N	Quien Sabe 15'		no paleo info	Reber		
14441	Merced	Los Banos Valley	11771	7	NE part of quad	191-N	Quien Sabe 15'		no paleo info	Reber		
14442	Merced	Los Banos Valley	11771	8	NE part of quad	191-N	Quien Sabe 15'	age from map	U Cret G-2 zone	Reber		
14443	Merced	Los Banos Valley	11771	9	NE part of quad	191-N	Quien Sabe 15'		no paleo info	Reber		
14444	Merced	Los Banos Valley	11771	10	NE part of quad	191-N	Quien Sabe 15'		no paleo info	Reber		
14445	Merced	Los Banos Valley	11771	11	NE part of quad	191-N	Quien Sabe 15'		no paleo info	Reber		
14446	Merced	Los Banos Valley	11771	12	NE part of quad	191-N	Quien Sabe 15'		no paleo info	Reber		
14447	Merced	Los Banos Valley	11771	13	NE part of quad	191-N	Quien Sabe 15'		no paleo info	Reber		
14448	Merced	Los Banos Valley	11771	14	NE part of quad	191-N	Quien Sabe 15'	age from lab	U Cret D zone			
14449	Merced	Los Banos Valley	11777	10	NE part of quad	44-C	Quien Sabe 15'		no paleo info	Reber		
14450	Merced	Los Banos Valley	11777	11	NE part of quad	44-C	Quien Sabe 15'		no paleo info	Reber		
14451	Merced	Los Banos Valley	11777	12	NE part of quad	44-C	Quien Sabe 15'		no paleo info	Reber		
14452	Merced	Los Banos Valley	11777	13	Wright Road	44-C	Quien Sabe 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		
14453	Merced	Los Banos Valley	11777	15	NE part of quad	44-C	Quien Sabe 15'		MISC	no paleo info	Reber	
14454	Merced	Los Banos Valley	11777	16	NE part of quad	44-C	Quien Sabe 15'			no paleo info	Reber	
14455	Merced	Los Banos Valley	11777	18	NE part of quad	44-C	Quien Sabe 15'			no paleo info	Reber	
14456	Merced	Los Banos Valley	11777	19	NE part of quad	44-C	Quien Sabe 15'			no paleo info	Reber	
14457	Merced	Los Banos Valley	11778	2	Wildcat Creek	44-C	Quien Sabe 15'			no paleo info	Reber	
14458	Merced	Los Banos Valley	11778	3	Wildcat Creek	44-C	Quien Sabe 15'			no paleo info	Reber	
14459	Santa Clara	Los Gatos	710	1	Guadalupe area	152-A	Los Gatos 15'			Luisian	Kraetsch	
14460	Santa Clara	Los Gatos	710	2	Guadalupe area	152-A	Los Gatos 15'	planktics		Luisian	Kraetsch	
14461	Santa Clara	Los Gatos	710	3	Guadalupe area	152-A	Los Gatos 15'	planktics		Luisian	Kraetsch	
14462	Santa Clara	Los Gatos	710	4	Guadalupe area	152-A	Los Gatos 15'	planktics		Luisian	Kraetsch	
14463	Santa Clara	Los Gatos	710	6	Guadalupe area	152-A	Los Gatos 15'			Luisian	Kraetsch	
14464	Santa Clara	Los Gatos	710	7	Guadalupe area	152-A	Los Gatos 15'			Luisian	Kraetsch	
14465	Santa Clara	Los Gatos	4976		Patcher Pass	123-F				Zemorrian	Starke	
14466	Santa Clara	Los Gatos	5039		Lexington Res	92-C				poss L Miocene	Starke	
14467	Santa Cruz	Los Gatos	7388	RS	Near Hwy 17	147-B	sa # 7360 RS			Upper Eocene	Kraetsch	
14468	Santa Clara	Los Gatos	7390		Moody Gulch	147-C				not diagnostic	Kraetsch	
14469	Santa Clara	Los Gatos	7391		Moody Gulch	147-C				not diagnostic	Kraetsch	
14470	Santa Clara	Los Gatos	7392		Holy City	147-C				not diagnostic	Kraetsch	
14471	Santa Cruz	Los Gatos	7395		Patcher Pass	147-C				Lower Zemorrian	Kraetsch	
14472	Santa Cruz	Los Gatos	9193		Bean Creek	159-N				Miocene	Starke	
14473	Kings	Los Viejos	11746	3	SE corner of quad	260-E	La Rambla 15'			no paleo info		
14474	Lake	Lower Lake	742	4	Clear Lake	123-E	Lower Lake 15'	age from map		not diagnostic		
14475	Lake	Lower Lake	742	6	Clear Lake	123-E	Lower Lake 15'			not diagnostic		
14476	Lake	Lower Lake	742	7	Clear Lake	123-E	Lower Lake 15'			not diagnostic		
14477	Lake	Lower Lake	742	8	Clear Lake	123-E	Lower Lake 15'			not diagnostic		
14478	Lake	Lower Lake	742	9	Clear Lake	123-E	Lower Lake 15'			not diagnostic		
14479	Lake	Lower Lake	742	10	Clear Lake	123-E	Lower Lake 15'			not diagnostic		
14480	Lake	Lower Lake	742	11	Clear Lake	123-E	Lower Lake 15'			U Cret G-1 zone		
14481	Lake	Lower Lake	742	12	Clear Lake	123-E	Lower Lake 15'			not diagnostic		
14482	Tehama	Lowrey	677	54	Cottonwood Creek	150-K	Colyear Sps 15'			Upper Cret H zone	Raydon	
14483	Tehama	Lowrey	677	57	Cottonwood Creek	150-K	Colyear Sps 15'			Upper Cret I zone	Raydon	
14484	Tehama	Lowrey	677	58	Cottonwood Creek	150-K	Colyear Sps 15'			Upper Cret I zone	Raydon	
14485	Tehama	Lowrey	677	59	Cottonwood Creek	150-K	Colyear Sps 15'			Upper Cret I zone	Raydon	
14486	Tehama	Lowrey	677	60	Cottonwood Creek	150-K	Colyear Sps 15'			U Cret I or J zone	Raydon	
14487	Tehama	Lowrey	677	61	Cottonwood Creek	150-L	Colyear Sps 15'			U Cret I or J zone	Raydon	
14488	Tehama	Lowrey	677	62	Cottonwood Creek	150-L	Colyear Sps 15'			U Cret I or J zone	Raydon	
14489	Tehama	Lowrey	677	63	Cottonwood Creek	150-L	Colyear Sps 15'			U Cret I or J zone	Raydon	
14490	Tehama	Lowrey	677	64	Cottonwood Creek	150-L	Colyear Sps 15'			U Cret I or J zone	Raydon	
14491	Tehama	Lowrey	677	65	Cottonwood Creek	150-L	Colyear Sps 15'			U Cret I or J zone	Raydon	
14492	Tehama	Lowrey	677	66	Cottonwood Creek	150-L	Colyear Sps 15'			U Cret I or J zone	Raydon	
14493	Tehama	Lowrey	677	67	Cottonwood Creek	150-L	Colyear Sps 15'			U Cret I or J zone	Raydon	
14494	Tehama	Lowrey	677	68	Cottonwood Creek	150-L	Colyear Sps 15'			U Cret I or J zone	Raydon	
14495	Tehama	Lowrey	677	69	Cottonwood Creek	150-L	Colyear Sps 15'			U Cret I or J zone	Raydon	
14496	Tehama	Lowrey	677	70	Cottonwood Creek	150-L	Colyear Sps 15'			U Cret I or J zone	Raydon	
14497	Tehama	Lowrey	677	71	Cottonwood Creek	150-L	Colyear Sps 15'			U Cret I or J zone	Raydon	
14498	Tehama	Lowrey	677	72	Cottonwood Creek	150-L	Colyear Sps 15'			U Cret I or J zone	Raydon	
14499	Tehama	Lowrey	677	73	Cottonwood Creek	150-L	Colyear Sps 15'			U Cret I or J zone	Raydon	
14500	Tehama	Lowrey	677	74	Cottonwood Creek	150-L	Colyear Sps 15'			U Cret I or J zone	Raydon	
14501	Tehama	Lowrey	677	75	Cottonwood Creek	150-L	Colyear Sps 15'			U Cret I or J zone	Raydon	
14502	Tehama	Lowrey	677	77	Cottonwood Creek	150-L	Colyear Sps 15'			U Cret I or J zone	Raydon	
14503	Tehama	Lowrey	677	78	Cottonwood Creek	150-L	Colyear Sps 15'			U Cret I or J zone	Raydon	
14504	Tehama	Lowrey	677	79	Cottonwood Creek	150-L	Colyear Sps 15'			U Cret I or J zone	Raydon	
14505	Tehama	Lowrey	677	80	Cottonwood Creek	150-L	Colyear Sps 15'			U Cret I or J zone	Raydon	
14506	Tehama	Lowrey	677	81	Cottonwood Creek	150-L	Colyear Sps 15'			U Cret I or J zone	Raydon	
14507	Tehama	Lowrey	677	82	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14508	Tehama	Lowrey	677	83	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14509	Tehama	Lowrey	677	84	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14510	Tehama	Lowrey	677	85	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14511	Tehama	Lowrey	677	86	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14512	Tehama	Lowrey	677	87	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14513	Tehama	Lowrey	677	88	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14514	Tehama	Lowrey	677	89	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14515	Tehama	Lowrey	677	90	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14516	Tehama	Lowrey	677	91	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14517	Tehama	Lowrey	677	92	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14518	Tehama	Lowrey	677	94	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14519	Tehama	Lowrey	677	95	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14520	Tehama	Lowrey	677	98	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14521	Tehama	Lowrey	677	99	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14522	Tehama	Lowrey	677	100	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14523	Tehama	Lowrey	677	102	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14524	Tehama	Lowrey	677	103	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14525	Tehama	Lowrey	677	104	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14526	Tehama	Lowrey	677	106	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14527	Tehama	Lowrey	677	107	Cottonwood Creek	150-L	Colyear Sps 15'			L Cret J-2 zone	Raydon	
14528	Tehama	Lowrey	677	108	Cottonwood Creek	150-L	Colyear Sps 15'			Lower Cret L zone	Raydon	
14529	Tehama	Lowrey	677	109	Cottonwood Creek	150-L	Colyear Sps 15'			Lower Cret L zone	Raydon	
14530	Tehama	Lowrey	677	110	Cottonwood Creek	150-L	Colyear Sps 15'			Lower Cret L zone	Raydon	
14531	Tehama	Lowrey	677	111	Cottonwood Creek	150-L	Colyear Sps 15'			Lower Cret L zone	Raydon	
14532	Tehama	Lowrey	677	112	Cottonwood Creek	150-L	Colyear Sps 15'			Lower Cret L zone	Raydon	
14533	Tehama	Lowrey	677	113	Cottonwood Creek	150-L	Colyear Sps 15'			Lower Cret L zone	Raydon	
14534	Tehama	Lowrey	677	114	Cottonwood Creek	150-L	Colyear Sps 15'			Lower Cret L zone	Raydon	
14535	Tehama	Lowrey	677	115	Cottonwood Creek	150-L	Colyear Sps 15'			Lower Cret L zone	Raydon	
14536	Tehama	Lowrey	677	116	Cottonwood Creek	150-L	Colyear Sps 15'			Lower Cret L zone	Raydon	
14537	Tehama	Lowrey	677	117	Cottonwood Creek	150-L	Colyear Sps 15'			Lower Cret L zone	Raydon	

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		
14538	Tehama	Lowrey	677	118	Cottonwood Creek	150-L	Colyear Sps 15'		Lower Cret L zone	Raydon		
14539	Tehama	Lowrey	677	119	Cottonwood Creek	150-L	Colyear Sps 15'		Lower Cret L zone	Raydon		
14540	Tehama	Lowrey	677	120	Cottonwood Creek	150-M	Colyear Sps 15'		Lower Cret L zone	Raydon		
14541	Tehama	Lowrey	677	122	Cottonwood Creek	150-M	Colyear Sps 15'		Lower Cret L zone	Raydon		
14542	Tehama	Lowrey	677	123	Cottonwood Creek	150-M	Colyear Sps 15'		Lower Cret L zone	Raydon		
14543	Tehama	Lowrey	677	124	Cottonwood Creek	150-M	Colyear Sps 15'		Lower Cret L zone	Raydon		
14544	Tehama	Lowrey	678	1	Elder Creek	152-E	Colyear Spr 15'	Have strat	Upper Cret H zone	Raydon &		
14545	Tehama	Lowrey	678	2	Elder Creek	152-E	Colyear Spr 15'	column and	Upper Cret H zone	Raydon &		
14546	Tehama	Lowrey	678	3	Elder Creek	152-E	Colyear Spr 15'	foram check	Upper Cret H zone	Raydon &		
14547	Tehama	Lowrey	678	4	Elder Creek	152-E	Colyear Spr 15'	list	Upper Cret H zone	Raydon &		
14548	Tehama	Lowrey	678	5	Elder Creek	152-E	Colyear Spr 15'		Upper Cret H zone	Raydon &		
14549	Tehama	Lowrey	678	6	Elder Creek	152-E	Colyear Spr 15'		Upper Cret H zone	Raydon &		
14550	Tehama	Lowrey	678	7	Elder Creek	152-E	Colyear Spr 15'		Upper Cret H zone	Raydon &		
14551	Tehama	Lowrey	678	8	Elder Creek	152-E	Colyear Spr 15'		Upper Cret H zone	Raydon &		
14552	Tehama	Lowrey	678	9	Elder Creek	152-E	Colyear Spr 15'		Upper Cret H zone	Raydon &		
14553	Tehama	Lowrey	678	10	Elder Creek	152-E	Colyear Spr 15'		U Cret H or I zone	Raydon &		
14554	Tehama	Lowrey	678	11	Elder Creek	152-E	Colyear Spr 15'		U Cret H or I zone	Raydon &		
14555	Tehama	Lowrey	678	12	Elder Creek	152-E	Colyear Spr 15'		U Cret H or I zone	Raydon &		
14556	Tehama	Lowrey	678	15	Elder Creek	152-E	Colyear Spr 15'		Upper Cret I zone	Raydon &		
14557	Tehama	Lowrey	678	16	Elder Creek	152-E	Colyear Spr 15'		Upper Cret I zone	Raydon &		
14558	Tehama	Lowrey	678	17	Elder Creek	152-E	Colyear Spr 15'		Upper Cret I zone	Raydon &		
14559	Tehama	Lowrey	678	18	Elder Creek	152-E	Colyear Spr 15'		Upper Cret I zone	Raydon &		
14560	Tehama	Lowrey	678	19	Elder Creek	152-E	Colyear Spr 15'		L Cret J-1 zone	Raydon &		
14561	Tehama	Lowrey	678	20	Elder Creek	152-E	Colyear Spr 15'		L Cret J-1 zone	Raydon &		
14562	Tehama	Lowrey	678	21	Elder Creek	152-E	Colyear Spr 15'		L Cret J-1 zone	Raydon &		
14563	Tehama	Lowrey	678	22	Elder Creek	152-E	Colyear Spr 15'		L Cret J-1 zone	Raydon &		
14564	Tehama	Lowrey	678	23	Elder Creek	152-E	Colyear Spr 15'		L Cret J-1 zone	Raydon &		
14565	Tehama	Lowrey	678	24	Elder Creek	152-F	Colyear Spr 15'		L Cret J-1 zone	Raydon &		
14566	Tehama	Lowrey	678	25	Elder Creek	152-F	Colyear Spr 15'		L Cret J-1 zone	Raydon &		
14567	Tehama	Lowrey	678	26	Elder Creek	152-F	Colyear Spr 15'		L Cret J-1 zone	Raydon &		
14568	Tehama	Lowrey	678	27	Elder Creek	152-F	Colyear Spr 15'		L Cret J-1 zone	Raydon &		
14569	Tehama	Lowrey	678	28	Elder Creek	152-F	Colyear Spr 15'		L Cret J-1 zone	Raydon &		
14570	Tehama	Lowrey	678	29	Elder Creek	152-F	Colyear Spr 15'		L Cret J-1 zone	Raydon &		
14571	Tehama	Lowrey	678	30	Elder Creek	152-F	Colyear Spr 15'		L Cret J-1 zone	Raydon &		
14572	Tehama	Lowrey	678	31	Elder Creek	152-F	Colyear Spr 15'		L Cret J-2 zone	Raydon &		
14573	Tehama	Lowrey	678	32	Elder Creek	152-F	Colyear Spr 15'		L Cret J-2 zone	Raydon &		
14574	Tehama	Lowrey	678	33	Elder Creek	152-F	Colyear Spr 15'		L Cret J-2 zone	Raydon &		
14575	Tehama	Lowrey	678	34	Elder Creek	152-F	Colyear Spr 15'		L Cret J-2 zone	Raydon &		
14576	Tehama	Lowrey	678	35	Elder Creek	152-F	Colyear Spr 15'		L Cret J-2 zone	Raydon &		
14577	Tehama	Lowrey	678	36	Elder Creek	152-F	Colyear Spr 15'		L Cret J-2 zone	Raydon &		
14578	Tehama	Lowrey	678	37	Elder Creek	152-F	Colyear Spr 15'		L Cret J-2 zone	Raydon &		
14579	Tehama	Lowrey	678	38	Elder Creek	152-F	Colyear Spr 15'		L Cret J-2 zone	Raydon &		
14580	Tehama	Lowrey	678	39	Elder Creek	152-F	Colyear Spr 15'		L Cret J-2 zone	Raydon &		
14581	Tehama	Lowrey	678	40	Elder Creek	152-F	Colyear Spr 15'		L Cret J-2 zone	Raydon &		
14582	Tehama	Lowrey	678	41	Elder Creek	152-F	Colyear Spr 15'		L Cret J-2 zone	Raydon &		
14583	Tehama	Lowrey	678	42	Elder Creek	152-F	Colyear Spr 15'		L Cret J-2 zone	Raydon &		
14584	Tehama	Lowrey	678	43	Elder Creek	152-F	Colyear Spr 15'		L Cret J-2 zone	Raydon &		
14585	Tehama	Lowrey	678	44	Elder Creek	152-F	Colyear Spr 15'		L Cret J-2 zone	Raydon &		
14586	Tehama	Lowrey	678	45	Elder Creek	152-F	Colyear Spr 15'		L Cret J-2 zone	Raydon &		
14587	Santa Barbara	Madulce Peak	359	1	S Barbara Canyon	55-B	Have rock column		Upper Eocene	Newton &		
14588	Santa Barbara	Madulce Peak	359	2	S Barbara Canyon	55-B			Upper Eocene	Newton &		
14589	Santa Barbara	Madulce Peak	359	3	S Barbara Canyon	55-B			Upper Eocene	Newton &		
14590	Santa Barbara	Madulce Peak	359	4	S Barbara Canyon	55-B			Upper Eocene	Newton &		
14591	Santa Barbara	Madulce Peak	359	5	S Barbara Canyon	55-B			Upper Eocene	Newton &		
14592	Santa Barbara	Madulce Peak	359	6	S Barbara Canyon	55-B			Upper Eocene	Newton &		
14593	Santa Barbara	Madulce Peak	359	7	S Barbara Canyon	55-B			Upper Eocene	Newton &		
14594	Santa Barbara	Madulce Peak	359	15	S Barbara Canyon	55-B			Lower Eocene	Newton &		
14595	Santa Barbara	Madulce Peak	359	17	S Barbara Canyon	55-B			Lower Eocene	Newton &		
14596	Santa Barbara	Madulce Peak	359	19	S Barbara Canyon	55-B			Lower Eocene	Newton &		
14597	Santa Barbara	Madulce Peak	359	20	S Barbara Canyon	55-B			Lower Eocene	Newton &		
14598	Santa Barbara	Madulce Peak	359	21	S Barbara Canyon	55-B			Lower Eocene	Newton &		
14599	Santa Barbara	Madulce Peak	359	22	S Barbara Canyon	55-B			Lower Eocene	Newton &		
14600	Santa Barbara	Madulce Peak	359	23	S Barbara Canyon	55-B			Lower Eocene	Newton &		
14601	Santa Barbara	Madulce Peak	359	24	S Barbara Canyon	55-B			Lower Eocene	Newton &		
14602	Santa Barbara	Madulce Peak	402	1	Big Pine Road	4-M			no paleo info	Scouler &		
14603	Santa Barbara	Madulce Peak	402	4	Big Pine Road	4-M			no paleo info	Scouler &		
14604	Santa Barbara	Madulce Peak	402	5	Big Pine Road	4-M			no paleo info	Scouler &		
14605	Santa Barbara	Madulce Peak	402	6	Big Pine Road	4-M			no paleo info	Scouler &		
14606	Santa Barbara	Madulce Peak	402	7	Big Pine Road	4-M			no paleo info	Scouler &		
14607	Santa Barbara	Madulce Peak	402	9	Big Pine Road	4-M			no paleo info	Scouler &		
14608	Santa Barbara	Madulce Peak	403	1	Big Pine Road	4-L			no paleo info	Scouler &		
14609	Santa Barbara	Madulce Peak	403	2	Big Pine Road	4-L			no paleo info	Scouler &		
14610	Santa Barbara	Madulce Peak	403	3	Big Pine Road	4-L			no paleo info	Scouler &		
14611	Santa Barbara	Madulce Peak	403	4	Big Pine Road	4-L			no paleo info	Scouler &		
14612	Santa Barbara	Madulce Peak	403	5	Big Pine Road	4-L			no paleo info	Scouler &		
14613	Santa Barbara	Madulce Peak	403	7	Big Pine Road	4-L			no paleo info	Scouler &		
14614	Santa Barbara	Madulce Peak	403	8	Big Pine Road	4-L			no paleo info	Scouler &		
14615	Santa Barbara	Madulce Peak	403	9	Big Pine Road	4-L			no paleo info	Scouler &		
14616	Santa Barbara	Madulce Peak	403	10	Big Pine Road	4-L			no paleo info	Scouler &		
14617	Santa Barbara	Madulce Peak	403	11	Big Pine Road	4-M			no paleo info	Scouler &		
14618	Santa Barbara	Madulce Peak	1573		NW part of quad	4-M	Gibraltar Dam 15'		no paleo info	Scouler &		
14619	Santa Barbara	Madulce Peak	8177		Big Pine Road	68-J			no paleo info			
14620	Santa Barbara	Madulce Peak	8178		Big Pine Road	68-J			no paleo info			
14621	Santa Barbara	Madulce Peak	11803		SW part of quad	79-K	Gibraltar Dam 15'		Lower Saucelian			
14622	Santa Barbara	Madulce Peak	11804		SW part of quad	79-K	Gibraltar Dam 15'		Lower Relizian			

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		
14623	Los Angeles	Malibu Beach	303	2	Malibu Canyon	43-I	Have strat		Saucesian			
14624	Los Angeles	Malibu Beach	303	9	Malibu Canyon	43-I	column		not diagnostic			
14625	Los Angeles	Malibu Beach	303	11	Malibu Canyon	43-I			not diagnostic			
14626	Los Angeles	Malibu Beach	303	17	Malibu Canyon	43-I			Sauc/Relizian			
14627	Los Angeles	Malibu Beach	303	21	Malibu Canyon	43-I			Relizian			
14628	Los Angeles	Malibu Beach	307	2	Old Topanga Rd	45-M	strat column		Relizian			
14629	Los Angeles	Malibu Beach	307	3	Old Topanga Rd	45-M			Relizian			
14630	Los Angeles	Malibu Beach	307	4	Old Topanga Rd	45-M			Relizian			
14631	Los Angeles	Malibu Beach	307	5	Old Topanga Rd	45-M			Relizian			
14632	Los Angeles	Malibu Beach	307	6	Old Topanga Rd	45-M			Relizian			
14633	Los Angeles	Malibu Beach	307	1A	Old Topanga Rd	60-J			no paleo info			
14634	Los Angeles	Malibu Beach	307	9B	Old Topanga Rd	60-J			barren			
14635	Los Angeles	Malibu Beach	307	11A	Old Topanga Rd	60-J			no paleo info			
14636	Los Angeles	Malibu Beach	316	1	Corral Canyon Rd	45-M			Middle Miocene			
14637	Los Angeles	Malibu Beach	316	2	Corral Canyon Rd	45-M			Luisian			
14638	Los Angeles	Malibu Beach	316	3	Corral Canyon Rd	45-M			Luisian			
14639	Los Angeles	Malibu Beach	316	4	Corral Canyon Rd	45-M			Luisian			
14640	Los Angeles	Malibu Beach	316	5	Corral Canyon Rd	45-M			Luisian			
14641	Los Angeles	Malibu Beach	316	6	Corral Canyon Rd	45-M			Luisian			
14642	Los Angeles	Malibu Beach	317	6	Piuma Road	45-M			Relizian			
14643	Los Angeles	Malibu Beach	319	4	Mullholland Hwy	45-M			Luisian			
14644	Los Angeles	Malibu Beach	1231		Kellers Shelter	2-L	old Solstice Cyn Q		no paleo info			
14645	Los Angeles	Malibu Beach	5948		NW part of quad	45-N			no paleo info			
14646	Colusa	Manor Slough	246	341	SW part of quad	150-M	Wilbur Sprs. 15'		U Cret I zone	Solari		
14647	Colusa	Manor Slough	246	342	SW part of quad	150-M	Wilbur Sprs. 15'		U Cret J-1 zone	Solari		
14648	Colusa	Manor Slough	246	343	SW part of quad	150-M	Wilbur Sprs. 15'		U Cret J-1 zone	Solari		
14649	Colusa	Manor Slough	246	344	SW part of quad	150-M	Wilbur Sprs. 15'		U Cret J-1 zone	Solari		
14650	Colusa	Manor Slough	246	345	SW part of quad	150-M	Wilbur Sprs. 15'		U Cret J-1 zone	Solari		
14651	Colusa	Manor Slough	246	346	SW part of quad	150-M	Wilbur Sprs. 15'		U Cret J-1 zone	Solari		
14652	Colusa	Manor Slough	246	347	SW part of quad	150-M	Wilbur Sprs. 15'		U Cret J-1 zone	Solari		
14653	Colusa	Manor Slough	246	348	SW part of quad	150-M	Wilbur Sprs. 15'		U Cret J-1 zone	Solari		
14654	Colusa	Manor Slough	246	349	SW part of quad	150-M	Wilbur Sprs. 15'		U Cret J-1 zone	Solari		
14655	Colusa	Manor Slough	246	350	SW part of quad	150-M	Wilbur Sprs. 15'		U Cret J-1 zone	Solari		
14656	Colusa	Manor Slough	246	351	SW part of quad	150-M	Wilbur Sprs. 15'		L Cret J-2 zone	Solari		
14657	Colusa	Manor Slough	246	352	SW part of quad	150-M	Wilbur Sprs. 15'		L Cret J-2 zone	Solari		
14658	Colusa	Manor Slough	246	353	SW part of quad	150-M	Wilbur Sprs. 15'		L Cret J-2 zone	Solari		
14659	Colusa	Manor Slough	246	354	SW part of quad	150-M	Wilbur Sprs. 15'		L Cret J-2 zone	Solari		
14660	Colusa	Manor Slough	246	355	SW part of quad	150-M	Wilbur Sprs. 15'		L Cret J-2 zone	Solari		
14661	Colusa	Manor Slough	10370	1	NE part of quad	113-F	Wilbur Springs 15'	23/16N4W	Upper Cretaceous	Barr auger		
14662	Santa Barbara	Manzanita Mountain	1808		Labrea Creek	69-C	Tepsequet Peak 15'		not diagnostic	ETR		
14663	Santa Barbara	Manzanita Mountain	1809		Labrea Creek	69-C	Tepsequet Peak 15'		not diagnostic	ETR		
14664	Santa Barbara	Manzanita Mountain	1810		Labrea Creek	69-C	Tepsequet Peak 15'		not diagnostic	ETR		
14665	Santa Barbara	Manzanita Mountain	3675		Goodchild Ranch	69-J	Tepusquet Pk 15'		Middle Miocene	Kraetsch		
14666	Contra Costa	Mare Island	223	157	SE corner of quad	F-6	Mare Island 15'		Upper Mohnian	Harris & T		
14667	Contra Costa	Mare Island	22931		Pinole	202-B			poss Luisian	Lyon		
14668	Contra Costa	Mare Island	23092		NE part quad	191-K			no paleo info			
14669	Contra Costa	Mare Island	23190		SW of Pinole	202-B	Carquinez 15'		no paleo info	Godsey		
14670	Contra Costa	Mare Island	23191		SW of Pinole	202-B	has planktics	good fauna	no paleo info	Godsey		
14671	Contra Costa	Mare Island	23442		Wilson Point	177-J	dupe in Benecia		not diagnostic	Wracher		
14672	Contra Costa	Mare Island	23446		Wilson Point	177-J			not diagnostic	Wracher		
14673	Kern	Maricopa	322	6	SW of Hazelton	78-G			no paleo info			
14674	Kern	Maricopa	322	7	SW of Hazelton	78-G			no paleo info			
14675	Kern	Maricopa	322	8	SW of Hazelton	78-G			no paleo info			
14676	Kern	Maricopa	322	9	SW of Hazelton	78-G			no paleo info			
14677	Kern	Maricopa	322	11	SW of Hazelton	78-G			no paleo info			
14678	Kern	Maricopa	322	6	SW of Hazelton	78-F			no paleo info			
14679	Kern	Maricopa	322	7	SW of Hazelton	78-F			no paleo info			
14680	Kern	Maricopa	322	9	SW of Hazelton	78-F			no paleo info			
14681	Kern	Maricopa	342	M1	SW Hazelton	66-N	see also Vent	S Guillermo	no paleo info	Darke		
14682	Kern	Maricopa	342	M2	SW Hazelton	66-N			no paleo info	Darke		
14683	Kern	Maricopa	342	M3	SW Hazelton	66-N			no paleo info	Darke		
14684	Kern	Maricopa	342	M5	SW Hazelton	66-N			no paleo info	Darke		
14685	Kern	Maricopa	342	M6	SW Hazelton	66-N			no paleo info	Darke		
14686	Kern	Maricopa	342	M8	SW Hazelton	66-N			no paleo info	Darke		
14687	Kern	Maricopa	342	M9	SW Hazelton	66-N			no paleo info	Darke		
14688	Kern	Maricopa	342	M12	SW Hazelton	66-N			no paleo info	Darke		
14689	Kern	Maricopa	342	M13	SW Hazelton	66-N			no paleo info	Darke		
14690	Kern	Maricopa	342	M14	SW Hazelton	66-N			no paleo info	Darke		
14691	Kern	Maricopa	342	M17	SW Hazelton	66-N			no paleo info	Darke		
14692	Kern	Maricopa	342	M18	SW Hazelton	66-N			no paleo info	Darke		
14693	Kern	Maricopa	342	M19	SW Hazelton	66-N			no paleo info	Darke		
14694	Kern	Maricopa	342	M20	SW Hazelton	66-N			no paleo info	Darke		
14695	Kern	Maricopa	342	M22	SW Hazelton	66-N			no paleo info	Darke		
14696	Kern	Maricopa	395	3	Bitterwater Creek	94-J	Map shows only		no paleo info	Owens		
14697	Kern	Maricopa	395	5	Bitterwater Creek	94-J	22 sub-localities		no paleo info	Owens		
14698	Kern	Maricopa	395	6	Bitterwater Creek	94-J			no paleo info	Owens		
14699	Kern	Maricopa	395	7	Bitterwater Creek	94-J			no paleo info	Owens		
14700	Kern	Maricopa	395	8	Bitterwater Creek	94-J			no paleo info	Owens		
14701	Kern	Maricopa	395	9	Bitterwater Creek	94-J			no paleo info	Owens		
14702	Kern	Maricopa	395	10	Bitterwater Creek	94-J			no paleo info	Owens		
14703	Kern	Maricopa	395	11	Bitterwater Creek	94-J			no paleo info	Owens		
14704	Kern	Maricopa	395	12	Bitterwater Creek	94-J			no paleo info	Owens		
14705	Kern	Maricopa	395	13	Bitterwater Creek	94-J			no paleo info	Owens		
14706	Kern	Maricopa	395	14	Bitterwater Creek	94-J			no paleo info	Owens		
14707	Kern	Maricopa	395	15	Bitterwater Creek	94-J			no paleo info	Owens		

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		
14963	Kern	Maricopa	435	24	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14964	Kern	Maricopa	435	27	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14965	Kern	Maricopa	435	30	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14966	Kern	Maricopa	435	31	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14967	Kern	Maricopa	435	32	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14968	Kern	Maricopa	435	34	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14969	Kern	Maricopa	435	38	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14970	Kern	Maricopa	435	39	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14971	Kern	Maricopa	435	40	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14972	Kern	Maricopa	435	41	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14973	Kern	Maricopa	435	42	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14974	Kern	Maricopa	435	43	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14975	Kern	Maricopa	435	44	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14976	Kern	Maricopa	435	45	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14977	Kern	Maricopa	435	46	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14978	Kern	Maricopa	435	47	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14979	Kern	Maricopa	435	48	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14980	Kern	Maricopa	435	49	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14981	Kern	Maricopa	435	50	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14982	Kern	Maricopa	435	51	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14983	Kern	Maricopa	435	52	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14984	Kern	Maricopa	435	53	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14985	Kern	Maricopa	435	54	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14986	Kern	Maricopa	435	55	NW of Maricopa	27-M			Upper Miocene	Ellinwood		
14987	Kern	Maricopa	435	56	NW of Maricopa	27-M			Middle Miocene	Ellinwood		
14988	Kern	Maricopa	435	57	NW of Maricopa	27-M			Middle Miocene	Ellinwood		
14989	Kern	Maricopa	435	58	NW of Maricopa	27-M			Middle Miocene	Ellinwood		
14990	Kern	Maricopa	435	59	NW of Maricopa	27-M			Middle Miocene	Ellinwood		
14991	Kern	Maricopa	435	60	NW of Maricopa	27-M			Middle Miocene	Ellinwood		
14992	Kern	Maricopa	435	61	NW of Maricopa	27-M			Middle Miocene	Ellinwood		
14993	Kern	Maricopa	435	62	NW of Maricopa	27-M			Middle Miocene	Ellinwood		
14994	Kern	Maricopa	435	63	NW of Maricopa	27-M			Middle Miocene	Ellinwood		
14995	Kern	Maricopa	435	64	NW of Maricopa	27-M			Middle Miocene	Ellinwood		
14996	Kern	Maricopa	435	65	NW of Maricopa	27-M			Middle Miocene	Ellinwood		
14997	Kern	Maricopa	435	66	NW of Maricopa	27-M			Middle Miocene	Ellinwood		
14998	Kern	Maricopa	435	67	NW of Maricopa	27-M			Middle Miocene	Ellinwood		
14999	Kern	Maricopa	435	68	NW of Maricopa	27-M			Middle Miocene	Ellinwood		
15000	Kern	Maricopa	435	69	NW of Maricopa	27-M			Middle Miocene	Ellinwood		
15001	Kern	Maricopa	1167		Maricopa area	A-11	sa Oceano		L Mohnian			
15002	Kern	Maricopa	1168		Maricopa area	A-11		4/11N/24E	L Mohnian			
15003	Kern	Maricopa	1169		Maricopa area	A-11			L Mohnian			
15004	San Luis Obispo	Maricopa	1330		Elkhorn Valley	66-N			no paleo info	Brooks &		
15005	San Luis Obispo	Maricopa	1331		Elkhorn Valley	66-N			no paleo info	Brooks &		
15006	San Luis Obispo	Maricopa	1332		Elkhorn Valley	66-N			no paleo info	Brooks &		
15007	Kern	Maricopa	3007		SE corner quad	176-M			no paleo info	Ellinwood		
15008	Kern	Maricopa	3008		SE corner quad	176-M			no paleo info	Ellinwood		
15009	Kern	Maricopa	3011		SW of Maricopa	176-M			no paleo info	Ellinwood		
15010	Kern	Maricopa	3012		not found	176-M			no paleo info	Ellinwood		
15011	San Luis Obispo	Maricopa	3013		Elkhorn Plain	176-M			no paleo info	Ellinwood		
15012	Kern	Maricopa	3014		Devils Gulch	176-M			no paleo info	Ellinwood		
15013	Kern	Maricopa	3015		SW of Maricopa	176-M			no paleo info	Ellinwood		
15014	Kern	Maricopa	3016		SW corner quad	176-M			no paleo info	Ellinwood		
15015	Kern	Maricopa	3017		SW corner quad	176-M			no paleo info	Ellinwood		
15016	Kern	Maricopa	3019		Bitterwater Creek	176-M			no paleo info	Ellinwood		
15017	Kern	Maricopa	3021		SE corner quad	176-M			no paleo info	Ellinwood		
15018	Kern	Maricopa	3022		SE corner quad	176-M			no paleo info	Ellinwood		
15019	Kern	Maricopa	3023		SE corner quad	176-M			no paleo info	Ellinwood		
15020	Kern	Maricopa	3024		not found	176-M			no paleo info	Ellinwood		
15021	Kern	Maricopa	3025		SW of Maricopa	176-M			no paleo info	Ellinwood		
15022	Kern	Maricopa	3026		SW of Maricopa	176-M			no paleo info	Ellinwood		
15023	Kern	Maricopa	3039		Devils Gulch area	176-M			no paleo info	Ellinwood		
15024	Kern	Maricopa	3041		SE part of quad	176-M			no paleo info	Ellinwood		
15025	Kern	Maricopa	3043		S of Hazelton	176-M			no paleo info	Ellinwood		
15026	Kern	Maricopa	3044		Devils Gulch area	176-M			no paleo info	Ellinwood		
15027	Kern	Maricopa	3044		Devils Gulch area	176-M	sa #3095		no paleo info	Ellinwood		
15028	Kern	Maricopa	3045		Devils Gulch area	176-M			no paleo info	Ellinwood		
15029	Kern	Maricopa	3046		Devils Gulch area	176-M			no paleo info	Ellinwood		
15030	Kern	Maricopa	3047		Devils Gulch area	176-M			no paleo info	Ellinwood		
15031	Kern	Maricopa	3048		Devils Gulch area	176-M			no paleo info	Ellinwood		
15032	Kern	Maricopa	3077		West of Maricopa	176-M			no paleo info	Ellinwood		
15033	Kern	Maricopa	3078		West of Maricopa	176-M			no paleo info	Ellinwood		
15034	Kern	Maricopa	3079		West of Maricopa	176-M			no paleo info	Ellinwood		
15035	San Luis Obispo	Maricopa	3083		WC part of quad	176-M			no paleo info	Ellinwood		
15036	San Luis Obispo	Maricopa	3084		WC part of quad	176-M			no paleo info	Ellinwood		
15037	San Luis Obispo	Maricopa	3085		WC part of quad	176-M			no paleo info	Ellinwood		
15038	San Luis Obispo	Maricopa	3086		WC part of quad	176-M			no paleo info	Ellinwood		
15039	San Luis Obispo	Maricopa	3089		WC part of quad	176-M			no paleo info	Ellinwood		
15040	San Luis Obispo	Maricopa	3090		WC part of quad	176-M			no paleo info	Ellinwood		
15041	Kern	Maricopa	3091		WC part of quad	176-M			no paleo info	Ellinwood		
15042	San Luis Obispo	Maricopa	3093		WC part of quad	176-M			no paleo info	Ellinwood		
15043	Kern	Maricopa	3094		WC part of quad	176-M			no paleo info	Ellinwood		
15044	Kern	Maricopa	3150		Devils Gulch area	176-M	on slide # 3099		no paleo info	Ellinwood		
15045	Kern	Maricopa	3151		not found	176-M	on slide # 3099		no paleo info	Ellinwood		
15046	Kern	Maricopa	3152		SE corner of quad	176-M			no paleo info	Ellinwood		
15047	Kern	Maricopa	3153		SE corner of quad	176-M			no paleo info	Ellinwood		

	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		
15048	Kern	Maricopa	3154		SE corner of quad	176-M			no paleo info	Ellinwood		
15049	Kern	Maricopa	3155		SE corner of quad	176-N			no paleo info	Ellinwood		
15050	Kern	Maricopa	3156		SE corner of quad	176-N			no paleo info	Ellinwood		
15051	Kern	Maricopa	3157		SE corner of quad	176-N			no paleo info	Ellinwood		
15052	Kern	Maricopa	3158		SE corner of quad	176-N			no paleo info	Ellinwood		
15053	Kern	Maricopa	3159		not found	176-N			no paleo info	Ellinwood		
15054	Kern	Maricopa	3160		Devils Gulch area	176-N			no paleo info	Ellinwood		
15055	Kern	Maricopa	3161		Devils Gulch area	176-N			no paleo info	Ellinwood		
15056	Kern	Maricopa	3162		Devils Gulch area	176-N			no paleo info	Ellinwood		
15057	Kern	Maricopa	3163		Devils Gulch area	176-N			no paleo info	Ellinwood		
15058	Kern	Maricopa	3174		Devils Gulch area	176-N			no paleo info	Ellinwood		
15059	Kern	Maricopa	3307		West of Maricopa	104-E	Temblor Range		no paleo info	Dubinsky		
15060	Kern	Maricopa	3308		West of Maricopa	104-E	Temblor Range		no paleo info	Dubinsky		
15061	Kern	Maricopa	3309		West of Maricopa	104-E	Temblor Range		no paleo info	Dubinsky		
15062	San Luis Obispo	Maricopa	3310		WC part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
15063	San Luis Obispo	Maricopa	3311		WC part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
15064	Kern	Maricopa	3312		WC part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
15065	Kern	Maricopa	3313		NW part of quad	104-E	Temblor Range		no paleo info	Dubinsky		
15066	Kern	Maricopa	3343		NW part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
15067	Kern	Maricopa	3344		not found	104-F	Temblor Range		no paleo info	Dubinsky		
15068	Kern	Maricopa	3345		NW part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
15069	Kern	Maricopa	3346		not found	104-F	Temblor Range		no paleo info	Dubinsky		
15070	Kern	Maricopa	3347		not found	104-F	Temblor Range		no paleo info	Dubinsky		
15071	San Luis Obispo	Maricopa	3348		Elkhorn Plain	104-F	Temblor Range		no paleo info	Dubinsky		
15072	San Luis Obispo	Maricopa	3349		Elkhorn Plain	104-F	Temblor Range		no paleo info	Dubinsky		
15073	San Luis Obispo	Maricopa	3355		Elkhorn Plain	104-F	Temblor Range		no paleo info	Dubinsky		
15074	San Luis Obispo	Maricopa	3362		WC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
15075	San Luis Obispo	Maricopa	3363		WC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
15076	San Luis Obispo	Maricopa	3364		WC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
15077	San Luis Obispo	Maricopa	3365		WC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
15078	San Luis Obispo	Maricopa	3366		WC part of quad	104-F	Temblor Range		no paleo info	Dubinsky		
15079	San Luis Obispo	Maricopa	3367		center of quad	104-F	Temblor Range		no paleo info	Dubinsky		
15080	Kern	Maricopa	11293	1	not on map	203-N	Pioneer anticline		no paleo info			
15081	Kern	Maricopa	11293	2	not on map	203-N	Pioneer anticline		no paleo info			
15082	Kern	Maricopa	11294	1	SE corner quad	203-N	Pioneer anticline		no paleo info			
15083	Kern	Maricopa	11294	2	SE corner quad	203-N	Pioneer anticline		no paleo info			
15084	Kern	Maricopa	11294	3	SE corner quad	203-N	Pioneer anticline		no paleo info			
15085	Kern	Maricopa	11294	4	SE corner quad	203-N	Pioneer anticline		no paleo info			
15086	San Luis Obispo	Maricopa	11295	1	SW corner quad	203-N	Pioneer anticline		no paleo info			
15087	San Luis Obispo	Maricopa	11297	1	SW corner quad	203-N	Pioneer anticline		no paleo info			
15088	San Luis Obispo	Maricopa	11298	1	SW corner quad	203-N	Pioneer anticline		no paleo info			
15089	San Luis Obispo	Maricopa	11298	2	SW corner quad	203-N	Pioneer anticline		no paleo info			
15090	San Luis Obispo	Maricopa	11298	3	SW corner quad	203-N	Pioneer anticline		no paleo info			
15091	San Luis Obispo	Maricopa	11298	6	SW corner quad	203-N	Pioneer anticline		no paleo info			
15092	Kern	Maricopa	11636	3	SW corner of quad	211-I			no paleo info	Espensch.		
15093	Kern	Maricopa	11636	4	SW corner of quad	211-I			no paleo info	Espensch.		
15094	Kern	Maricopa	11636	5	SW corner of quad	211-I			no paleo info	Espensch.		
15095	Kern	Maricopa	11645	2	W of Hazelton	211-I	NW of Bitterwater	Creek	no paleo info			
15096	Kern	Maricopa	11645	3	W of Hazelton	211-I	NW of Bitterwater	Creek	no paleo info			
15097	Kern	Maricopa	11646	2	W of Hazelton	211-I	NW of Bitterwater	Creek	Lower Mohnian			
15098	Kern	Maricopa	11647	2	W of Hazelton	211-I			barren			
15099	Kern	Maricopa	11647	3	W of Hazelton	211-I			barren			
15100	Kern	Maricopa	11648		SW of Maricopa	211-I			probably Luisian			
15101	Kern	Maricopa	13257	Asmbl	Devils Gulch	243-F	picked slide	Have foram	no paleo info	Deane		
15102	Kern	Maricopa	13257	S1	Devils Gulch	243-F	picked slide	check list,	no paleo info	Deane		
15103	Kern	Maricopa	13257	S2	Devils Gulch	243-F	picked slide	strat column,	no paleo info	Deane		
15104	Kern	Maricopa	13257	S3	Devils Gulch	243-F	picked slide	andloc. Map	no paleo info	Deane		
15105	Kern	Maricopa	13257	S4	Devils Gulch	243-F	picked slide		no paleo info	Deane		
15106	Kern	Maricopa	13257	S5	Devils Gulch	243-F	picked slide		no paleo info	Deane		
15107	Kern	Maricopa	13257	1	Devils Gulch	208-H			Saucesian	Deane		
15108	Kern	Maricopa	13257	1	Devils Gulch	248-J			Saucesian	Deane		
15109	Kern	Maricopa	13257	2	Devils Gulch	248-J			Saucesian	Deane		
15110	Kern	Maricopa	13257	2	Devils Gulch	208-H			Saucesian	Deane		
15111	Kern	Maricopa	13257	3	Devils Gulch	208-H			Saucesian	Deane		
15112	Kern	Maricopa	13257	3	Devils Gulch	248-J			Saucesian	Deane		
15113	Kern	Maricopa	13257	4	Devils Gulch	208-H			Saucesian	Deane		
15114	Kern	Maricopa	13257	5	Devils Gulch	208-H			Saucesian	Deane		
15115	Kern	Maricopa	13257	5	Devils Gulch	248-J			Saucesian	Deane		
15116	Kern	Maricopa	13257	6	Devils Gulch	248-J			Saucesian	Deane		
15117	Kern	Maricopa	13257	6	Devils Gulch	208-H			Saucesian	Deane		
15118	Kern	Maricopa	13257	7	Devils Gulch	248-J			Saucesian	Deane		
15119	Kern	Maricopa	13257	8	Devils Gulch	248-J			Saucesian	Deane		
15120	Kern	Maricopa	13257	8	Devils Gulch	208-H			Saucesian	Deane		
15121	Kern	Maricopa	13257	9	Devils Gulch	248-J			Saucesian	Deane		
15122	Kern	Maricopa	13257	8	Devils Gulch	248-J			Saucesian	Deane		
15123	Kern	Maricopa	13257	10	Devils Gulch	248-J			Saucesian	Deane		
15124	Kern	Maricopa	13257	10	Devils Gulch	208-H			Saucesian	Deane		
15125	Kern	Maricopa	13257	12	Devils Gulch	208-H			Saucesian	Deane		
15126	Kern	Maricopa	13257	12	Devils Gulch	248-J			Saucesian	Deane		
15127	Kern	Maricopa	13257	13	Devils Gulch	208-H			Saucesian	Deane		
15128	Kern	Maricopa	13257	14	Devils Gulch	208-H			Saucesian	Deane		
15129	Kern	Maricopa	13257	14	Devils Gulch	248-J			Saucesian	Deane		
15130	Kern	Maricopa	13257	15	Devils Gulch	248-J			Saucesian	Deane		
15131	Kern	Maricopa	13257	15	Devils Gulch	208-H			Saucesian	Deane		
15132	Kern	Maricopa	13257	16	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		
15558	Kern	Maricopa	13259	273	E side Elkhorn Pln	209-E			no paleo info	Deane		
15559	Kern	Maricopa	13259	275	E side Elkhorn Pln	209-E			no paleo info	Deane		
15560	Kern	Maricopa	13259	280	E side Elkhorn Pln	209-E			no paleo info	Deane		
15561	Kern	Maricopa	13259	282	E side Elkhorn Pln	209-E			no paleo info	Deane		
15562	Kern	Maricopa	13259	290	E side Elkhorn Pln	209-E			no paleo info	Deane		
15563	Kern	Maricopa	13259	295	E side Elkhorn Pln	209-E			no paleo info	Deane		
15564	Kern	Maricopa	13259	298	E side Elkhorn Pln	209-E			no paleo info	Deane		
15565	Kern	Maricopa	13259	299	E side Elkhorn Pln	209-E			no paleo info	Deane		
15566	Kern	Maricopa	13259	300	E side Elkhorn Pln	209-E			no paleo info	Deane		
15567	Kern	Maricopa	13259	302	E side Elkhorn Pln	209-E			no paleo info	Deane		
15568	Kern	Maricopa	13259	303	E side Elkhorn Pln	209-E			no paleo info	Deane		
15569	Kern	Maricopa	13259	305	E side Elkhorn Pln	209-E			no paleo info	Deane		
15570	Kern	Maricopa	13259	306	E side Elkhorn Pln	209-E			no paleo info	Deane		
15571	Kern	Maricopa	13259	308	E side Elkhorn Pln	209-E			no paleo info	Deane		
15572	Kern	Maricopa	13259	310	E side Elkhorn Pln	209-E			no paleo info	Deane		
15573	Kern	Maricopa	13259	311	E side Elkhorn Pln	209-E			no paleo info	Deane		
15574	Kern	Maricopa	13259	316	E side Elkhorn Pln	209-E			no paleo info	Deane		
15575	Kern	Maricopa	13259	317	E side Elkhorn Pln	209-E			no paleo info	Deane		
15576	Kern	Maricopa	13259	319	E side Elkhorn Pln	209-E			no paleo info	Deane		
15577	Kern	Maricopa	13259	320	E side Elkhorn Pln	209-E			no paleo info	Deane		
15578	Kern	Maricopa	13259	324	E side Elkhorn Pln	209-E			no paleo info	Deane		
15579	Kern	Maricopa	13259	325	E side Elkhorn Pln	209-E			no paleo info	Deane		
15580	Kern	Maricopa	13260	1	Crocker Cyn	211-I		Hazelton sh	Saucesian	Deane		
15581	Kern	Maricopa	13263	1	W of Hazelton	211-I			no paleo info	Espenscheid		
15582	Kern	Maricopa	13263	2	W of Hazelton	211-I			no paleo info	Espenscheid		
15583	Kern	Maricopa	13264	1	not found	211-I			no paleo info	Espenscheid		
15584	Kern	Maricopa	13264	2	not found	211-I			no paleo info	Espenscheid		
15585	Kern	Maricopa	13266	1	SW of Maricopa	211-I			no paleo info	Espenscheid		
15586	Kern	Maricopa	13266	2	SW of Maricopa	211-I			no paleo info	Espenscheid		
15587	Kern	Maricopa	13266	3	SW of Maricopa	211-I			no paleo info	Espenscheid		
15588	Kern	Maricopa	13266	5	SW of Maricopa	211-I			no paleo info	Espenscheid		
15589	Kern	Maricopa	13266	6	SW of Maricopa	211-I			no paleo info	Espenscheid		
15590	Kern	Maricopa	13267	2	W of Maricopa	211-I			no paleo info	Espenscheid		
15591	Kern	Maricopa	13267	4	W of Maricopa	211-I			no paleo info	Espenscheid		
15592	Kern	Maricopa	13267	5	W of Maricopa	211-I			no paleo info	Espenscheid		
15593	Kern	Maricopa	13268	1	W of Maricopa	211-I			no paleo info	Espenscheid		
15594	Kern	Maricopa	13268	2	W of Maricopa	211-I			no paleo info	Espenscheid		
15595	Kern	Maricopa	13269	1	W of Maricopa	211-I			no paleo info	Espenscheid		
15596	Kern	Maricopa	13269	2	W of Maricopa	211-I			no paleo info	Espenscheid		
15597	Kern	Maricopa	13269	3	W of Maricopa	211-I			no paleo info	Espenscheid		
15598	Kern	Maricopa	13269	4	W of Maricopa	211-I			no paleo info	Espenscheid		
15599	Kern	Maricopa	13269	5	W of Maricopa	211-I			no paleo info	Espenscheid		
15600	Kern	Maricopa	13269	6	W of Maricopa	211-I			no paleo info	Espenscheid		
15601	Kern	Maricopa	13269	7	W of Maricopa	211-I			no paleo info	Espenscheid		
15602	Kern	Maricopa	13269	8	W of Maricopa	211-I			no paleo info	Espenscheid		
15603	Kern	Maricopa	13269	9	W of Maricopa	211-I			no paleo info	Espenscheid		
15604	Kern	Maricopa	13269	10	W of Maricopa	211-I			no paleo info	Espenscheid		
15605	Kern	Maricopa	13269	11	W of Maricopa	211-I			no paleo info	Espenscheid		
15606	Kern	Maricopa	13269	12	W of Maricopa	211-I			no paleo info	Espenscheid		
15607	Kern	Maricopa	13269	13	W of Maricopa	211-I			no paleo info	Espenscheid		
15608	Kern	Maricopa	13269	14	W of Maricopa	211-I			no paleo info	Espenscheid		
15609	Kern	Maricopa	13269	15	W of Maricopa	211-I			no paleo info	Espenscheid		
15610	Kern	Maricopa	13269	16	W of Maricopa	211-J			no paleo info	Espenscheid		
15611	Kern	Maricopa	13270	1	W of Maricopa	211-J			no paleo info	Espenscheid		
15612	Kern	Maricopa	13270	2	W of Maricopa	211-J			no paleo info	Espenscheid		
15613	Kern	Maricopa	13270	3	W of Maricopa	211-J			no paleo info	Espenscheid		
15614	Kern	Maricopa	13928	1	NW corner quad	93-I			Upper Miocene			
15615	Kern	Maricopa	13928	3	NW corner quad	93-I			Upper Miocene			
15616	Kern	Maricopa	13928	5	NW corner quad	93-I			Upper Miocene			
15617	Kern	Maricopa	13928	6	NW corner quad	93-I			Upper Miocene			
15618	Kern	Maricopa	13928	8	NW corner quad	93-I			Upper Miocene			
15619	Kern	Maricopa	13928	11	NW corner quad	93-I			Upper Miocene			
15620	Kern	Maricopa	13928	18	NW corner quad	93-I			Upper Miocene			
15621	Kern	Maricopa	13928	20	NW corner quad	93-I			Upper Miocene			
15622	Kern	Maricopa	13928	48	NW corner quad	93-I			Upper Miocene			
15623	Kern	Maricopa	13928	120	NW corner quad	93-I			Upper Miocene			
15624	Kern	Maricopa	13928	122	NW corner quad	93-I			Upper Miocene			
15625	Kern	Maricopa	22343	2	SW of Hazelton	239-A			no paleo info			
15626	Kern	Maricopa	22343	4	SW of Hazelton	239-A			no paleo info			
15627	Kern	Maricopa	22343	7	SW of Hazelton	239-A			no paleo info			
15628	Kern	Maricopa	22343	8	SW of Hazelton	239-A			no paleo info			
15629	Kern	Maricopa	22343	9	SW of Hazelton	239-A			no paleo info			
15630	Kern	Maricopa	22343	10	SW of Hazelton	239-A			no paleo info			
15631	Kern	Maricopa	22343	11A	SW of Hazelton	239-A			no paleo info			
15632	Kern	Maricopa	22343	16	SW of Hazelton	239-A			no paleo info			
15633	Kern	Maricopa	22343	21	SW of Hazelton	239-A			no paleo info			
15634	Kern	Maricopa	22343	48	SW of Hazelton	239-B			no paleo info			
15635	Kern	Maricopa	22343	50	SW of Hazelton	239-B			no paleo info			
15636	Kern	Maricopa	22343	55	SW of Hazelton	239-B			no paleo info			
15637	Kern	Maricopa	22343	56	SW of Hazelton	239-B			no paleo info			
15638	Kern	Maricopa	22343	57	SW of Hazelton	239-B			no paleo info			
15639	Kern	Maricopa	22343	61	SW of Hazelton	239-B			no paleo info			
15640	Kern	Maricopa	22343	63	SW of Hazelton	239-B			no paleo info			
15641	Kern	Maricopa	22343	82	SW of Hazelton	239-B			no paleo info			
15642	Kern	Maricopa	22343	88	SW of Hazelton	239-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		
15643	Ventura	Matilija	4	1	Ventura Avenue	18-K			Saucesian			
15644	Ventura	Matilija	4	2	Ventura Avenue	18-K			Saucesian			
15645	Ventura	Matilija	4	3	Ventura Avenue	18-K			Saucesian			
15646	Ventura	Matilija	4	4	Ventura Avenue	18-K			Saucesian			
15647	Ventura	Matilija	4	5	Ventura Avenue	18-K			Saucesian			
15648	Ventura	Matilija	114	3	SC part of quad	31-K			no age provided			
15649	Ventura	Matilija	114	27	SC part of quad	31-K			no age provided			
15650	Ventura	Matilija	114	30	SC part of quad	31-K			no age provided			
15651	Ventura	Matilija	114	43	SC part of quad	31-K			no age provided			
15652	Ventura	Matilija	430	0	ARCO pipeline	61-I			not diagnostic			
15653	Ventura	Matilija	430	25	ARCO pipeline	61-I			not diagnostic			
15654	Ventura	Matilija	430	75	ARCO pipeline	61-I			not diagnostic			
15655	Ventura	Matilija	430	100	ARCO pipeline	61-I			not diagnostic			
15656	Ventura	Matilija	430	125	ARCO pipeline	61-I			not diagnostic			
15657	Ventura	Matilija	431	5200	ARCO pipeline	55-A	Ortega anticl		no age provided			
15658	Ventura	Matilija	431	5250	ARCO pipeline	55-A			no age provided			
15659	Ventura	Matilija	431	5300	ARCO pipeline	55-A			no age provided			
15660	Ventura	Matilija	431	5350	ARCO pipeline	55-A			no age provided			
15661	Ventura	Matilija	431	5450	ARCO pipeline	55-A			no age provided			
15662	Ventura	Matilija	431	5550	ARCO pipeline	55-A			no age provided			
15663	Ventura	Matilija	431	5700	ARCO pipeline	55-A			no age provided			
15664	Ventura	Matilija	431	5750	ARCO pipeline	55-A			no age provided			
15665	Ventura	Matilija	431	5800	ARCO pipeline	55-A			no age provided			
15666	Ventura	Matilija	431	5850	ARCO pipeline	55-A			no age provided			
15667	Ventura	Matilija	431	5900	ARCO pipeline	55-A			no age provided			
15668	Ventura	Matilija	431	5950	ARCO pipeline	55-A			no age provided			
15669	Ventura	Matilija	431	6000	ARCO pipeline	55-A			no age provided			
15670	Ventura	Matilija	431	6050	ARCO pipeline	55-A			no age provided			
15671	Ventura	Matilija	431	6100	ARCO pipeline	55-A			no age provided			
15672	Ventura	Matilija	431	6150	ARCO pipeline	55-A			no age provided			
15673	Ventura	Matilija	431	6250	ARCO pipeline	55-A			no age provided			
15674	Ventura	Matilija	431	6350	ARCO pipeline	55-A			no age provided			
15675	Ventura	Matilija	431	6450	ARCO pipeline	55-A			no age provided			
15676	Ventura	Matilija	431	6550	ARCO pipeline	55-A			no age provided			
15677	Ventura	Matilija	431	6650	ARCO pipeline	55-A			no age provided			
15678	Ventura	Matilija	431	6700	ARCO pipeline	55-A			no age provided			
15679	Ventura	Matilija	431	7100	ARCO pipeline	55-A			no age provided			
15680	Ventura	Matilija	431	7200	ARCO pipeline	55-A			no age provided			
15681	Ventura	Matilija	431	7300	ARCO pipeline	55-A			no age provided			
15682	Ventura	Matilija	431	7450	ARCO pipeline	55-A			no age provided			
15683	Ventura	Matilija	431	7650	ARCO pipeline	55-A			no age provided			
15684	Ventura	Matilija	431	8000	ARCO pipeline	55-A			no age provided			
15685	Ventura	Matilija	431	8100	ARCO pipeline	55-A			no age provided			
15686	Ventura	Matilija	431	8150	ARCO pipeline	55-A			no age provided			
15687	Ventura	Matilija	431	8200	ARCO pipeline	55-A			no age provided			
15688	Ventura	Matilija	431	8400	ARCO pipeline	55-A			no age provided			
15689	Ventura	Matilija	431	8700	ARCO pipeline	55-A			no age provided			
15690	Ventura	Matilija	431	8750	ARCO pipeline	55-A			no age provided			
15691	Ventura	Matilija	431	8800	ARCO pipeline	55-A			no age provided			
15692	Ventura	Matilija	431	9000	ARCO pipeline	55-A			no age provided			
15693	Ventura	Matilija	431	9950	ARCO pipeline	55-A			no age provided			
15694	Ventura	Matilija	431	10050	ARCO pipeline	55-A			no age provided			
15695	Ventura	Matilija	431	10450	ARCO pipeline	55-A			no age provided			
15696	Ventura	Matilija	431	10550	ARCO pipeline	55-A			no age provided			
15697	Ventura	Matilija	431	10600	ARCO pipeline	55-A			no age provided			
15698	Ventura	Matilija	431	10950	ARCO pipeline	55-A			no age provided			
15699	Ventura	Matilija	431	11150	ARCO pipeline	55-A			no age provided			
15700	Ventura	Matilija	431	11450	ARCO pipeline	55-A			no age provided			
15701	Ventura	Matilija	431	11600	ARCO pipeline	55-A			no age provided			
15702	Ventura	Matilija	431	50	ARCO pipeline	55-D	WOS		no age provided			
15703	Ventura	Matilija	431	100	ARCO pipeline	55-D			no age provided			
15704	Ventura	Matilija	431	150	ARCO pipeline	55-D			no age provided			
15705	Ventura	Matilija	431	300	ARCO pipeline	55-D			no age provided			
15706	Ventura	Matilija	431	350	ARCO pipeline	55-D			no age provided			
15707	Ventura	Matilija	431	450	ARCO pipeline	55-D			no age provided			
15708	Ventura	Matilija	431	550	ARCO pipeline	55-D	SRACS		no age provided			
15709	Ventura	Matilija	431	600	ARCO pipeline	55-D			no age provided			
15710	Ventura	Matilija	431	700	ARCO pipeline	55-D			no age provided			
15711	Ventura	Matilija	431	900	ARCO pipeline	55-D			no age provided			
15712	Ventura	Matilija	431	1050	ARCO pipeline	55-D			no age provided			
15713	Ventura	Matilija	4660		Maricopa Road	39-B			no paleo info			
15714	Ventura	Matilija	4661		Maricopa Road	39-B			no paleo info			
15715	Ventura	Matilija	4662		Maricopa Road	39-B			no paleo info			
15716	Ventura	Matilija	4663		Maricopa Road	39-B			no paleo info			
15717	Ventura	Matilija	4664		Maricopa Road	39-B			no paleo info			
15718	Ventura	Matilija	4665		Maricopa Road	39-B			no paleo info			
15719	Ventura	Matilija	4666		Maricopa Road	39-B			no paleo info			
15720	Ventura	Matilija	4667		Maricopa Road	39-B			no paleo info			
15721	Ventura	Matilija	6317	A	Sapers Ranch	55-B			no paleo info			
15722	Ventura	Matilija	6317	B	Sapers Ranch	55-B			no paleo info			
15723	Ventura	Matilija	30962	A	SC part of quad	101-D			no paleo info			
15724	San Luis Obispo	McKittrick	302	8	center of quad	46-H			no paleo info	Kriz		
15725	San Luis Obispo	McKittrick	302	9	center of quad	46-H			no paleo info			
15726	Kern	McKittrick	302	34	not found	46-H			no paleo info			
15727	Kern	McKittrick	302	64	NE part of quad	46-H			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		
15728	Kern	McKittrick	302	65	not found	46-H	Sheep Ck area		no paleo info			
15729	Kern	McKittrick	302	66	not found	46-H	Sheep Ck area		no paleo info			
15730	Kern	McKittrick	302	67	not found	46-H	Sheep Ck area		no paleo info			
15731	Kern	McKittrick	302	68	not found	46-H	Sheep Ck area		no paleo info			
15732	Kern	McKittrick	302	69	not found	46-H	Sheep Ck area		no paleo info			
15733	Kern	McKittrick	302	70	not found	46-H	Sheep Ck area		no paleo info			
15734	Kern	McKittrick	302	71	not found	46-H	Sheep Ck area		no paleo info			
15735	Kern	McKittrick	302	78	not found	46-H	Sheep Ck area		no paleo info			
15736	Kern	McKittrick	302	80	not found	46-H	Sheep Ck area		no paleo info			
15737	Kern	McKittrick	302	83	not found	46-H	Sheep Ck area		no paleo info			
15738	Kern	McKittrick	302	84	not found	46-H	Sheep Ck area		no paleo info			
15739	Kern	McKittrick	302	95	not found	46-H	Sheep Ck area		no paleo info			
15740	Kern	McKittrick	302	106	not found	46-H	Sheep Ck area		no paleo info			
15741	Kern	McKittrick	302	107	not found	46-H	Sheep Ck area		no paleo info			
15742	Kern	McKittrick	302	108	not found	46-H	Sheep Ck area		no paleo info			
15743	Kern	McKittrick	302	234	SE part of quad	46-l			no paleo info	Hastings		
15744	Kern	McKittrick Summit	302	255	NE part of quad	46-l			no paleo info	Hastings		
15745	Kern	McKittrick Summit	302	256	NE part of quad	46-l			no paleo info	Hastings		
15746	Kern	McKittrick Summit	302	257	center of quad	46-l			no paleo info	Hastings		
15747	Kern	McKittrick Summit	302	258	center of quad	46-l			Upper Luisian	Hastings		
15748	Kern	McKittrick Summit	302	259	center of quad	46-l			Pseudosaucesian	Hastings		
15749	Kern	McKittrick Summit	302	260	not found	46-l			not diagnostic	Hastings		
15750	Kern	McKittrick Summit	302	261	center of quad	46-l			Lower Mohnian	Hastings		
15751	Kern	McKittrick Summit	302	262	NE part of quad	46-l			no paleo info	Hastings		
15752	Kern	McKittrick Summit	302	264	NE part of quad	46-l			no paleo info	Hastings		
15753	Kern	McKittrick Summit	302	266	center of quad	46-l			no paleo info	Hastings		
15754	Kern	McKittrick Summit	302	267	center of quad	46-l			no paleo info	Hastings		
15755	Kern	McKittrick Summit	302	268	center of quad	46-l			no paleo info	Hastings		
15756	Kern	McKittrick Summit	302	269	not found	46-l			Middle Miocene	Hastings		
15757	Kern	McKittrick Summit	302	270	SE part of quad	46-l			Pseudosaucesian	Hastings		
15758	Kern	McKittrick Summit	302	290	not found	46-l			no paleo info	Hastings		
15759	Kern	McKittrick Summit	302	292	not found	46-l			no paleo info	Hastings		
15760	Kern	McKittrick Summit	302	293	NE part of quad	46-l			no paleo info	Hastings		
15761	Kern	McKittrick Summit	302	295	not found	46-l			Lower Mohnian	Hastings		
15762	Kern	McKittrick Summit	302	297	SE part of quad	46-J			Lower Mohnian	Hastings		
15763	Kern	McKittrick Summit	302	298	not found	46-J			no paleo info	Hastings		
15764	Kern	McKittrick Summit	302	299	not found	46-J			no paleo info	Hastings		
15765	Kern	McKittrick Summit	302	301	not found	46-J			no paleo info	Hastings		
15766	Kern	McKittrick Summit	302	310	not found	46-J			no paleo info	Kriz		
15767	Kern	McKittrick Summit	302	311	not found	46-J			no paleo info	Kriz		
15768	Kern	McKittrick Summit	302	314	not found	46-J			no paleo info	Kriz		
15769	Kern	McKittrick Summit	302	315	not found	46-J			no paleo info	Kriz		
15770	Kern	McKittrick Summit	302	316	not found	46-J			no paleo info	Kriz		
15771	Kern	McKittrick Summit	302	318	not found	46-J			no paleo info	Kriz		
15772	Kern	McKittrick Summit	302	320	not found	46-J			no paleo info	Kriz		
15773	San Luis Obispo	McKittrick Summit	1001	2	SE corner of quad	155-K			no paleo info	Hunter & O		
15774	San Luis Obispo	McKittrick Summit	1001	3	SE corner of quad	155-K			no paleo info	Hunter & O		
15775	San Luis Obispo	McKittrick Summit	1001	4	SE corner of quad	155-K			no paleo info	Hunter & O		
15776	San Luis Obispo	McKittrick Summit	1001	5	SE corner of quad	155-K			no paleo info	Hunter & O		
15777	San Luis Obispo	McKittrick Summit	1001	6	SE corner of quad	155-K			no paleo info	Hunter & O		
15778	San Luis Obispo	McKittrick Summit	1001	8	SE corner of quad	155-K			no paleo info	Hunter & O		
15779	San Luis Obispo	McKittrick Summit	1001	9	SE corner of quad	155-K			no paleo info	Hunter & O		
15780	San Luis Obispo	McKittrick Summit	1001	10	SE corner of quad	155-K			no paleo info	Hunter & O		
15781	Kern	McKittrick Summit	1002	1	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
15782	Kern	McKittrick Summit	1002	2	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
15783	Kern	McKittrick Summit	1002	3	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
15784	Kern	McKittrick Summit	1002	4	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
15785	Kern	McKittrick Summit	1002	5	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
15786	Kern	McKittrick Summit	1002	6	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
15787	Kern	McKittrick Summit	1002	8	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
15788	Kern	McKittrick Summit	1002	9	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
15789	Kern	McKittrick Summit	1002	10	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
15790	Kern	McKittrick Summit	1002	11	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
15791	Kern	McKittrick Summit	1002	12	Near Pottinger Cn	155-K			no paleo info	Hunter & O		
15792	Kern	McKittrick Summit	1005	1	center of quad	155-K			Zemorrian	Hunter & O		
15793	Kern	McKittrick Summit	1005	2	center of quad	155-K			Zemorrian	Hunter & O		
15794	Kern	McKittrick Summit	1005	3	center of quad	155-K			Zemorrian	Hunter & O		
15795	Kern	McKittrick Summit	1005	4	center of quad	155-K			Zemorrian	Hunter & O		
15796	Kern	McKittrick Summit	1005	5	center of quad	155-K			Zemorrian	Hunter & O		
15797	Kern	McKittrick Summit	1005	6	center of quad	155-K			Zemorrian	Hunter & O		
15798	Kern	McKittrick Summit	1005	7	center of quad	155-K			Zemorrian	Hunter & O		
15799	Kern	McKittrick Summit	1006	1	center of quad	155-K			Zemorrian	Hunter & O		
15800	Kern	McKittrick Summit	1006	2	center of quad	155-K			Zemorrian	Hunter & O		
15801	Kern	McKittrick Summit	1006	3	center of quad	155-K			Zemorrian	Hunter & O		
15802	Kern	McKittrick Summit	1006	4	center of quad	155-K			Zemorrian	Hunter & O		
15803	Kern	McKittrick Summit	1006	5	center of quad	155-K			Zemorrian	Hunter & O		
15804	Kern	McKittrick Summit	1006	7	center of quad	155-K			Zemorrian	Hunter & O		
15805	Kern	McKittrick Summit	1781		center of quad	73-J			no paleo info	Kriz		
15806	Kern	McKittrick Summit	1782		center of quad	73-J			no paleo info	Kriz		
15807	Kern	McKittrick Summit	1783		not found	73-J			no paleo info	Kriz		
15808	Kern	McKittrick Summit	1784		center of quad	73-J			no paleo info	Kriz		
15809	Kern	McKittrick Summit	1785		center of quad	73-J			no paleo info	Kriz		
15810	San Luis Obispo	McKittrick Summit	1786		center of quad	73-J			no paleo info	Kriz		
15811	San Luis Obispo	McKittrick Summit	1787		center of quad	73-J			no paleo info	Kriz		
15812	San Luis Obispo	McKittrick Summit	1789		center of quad	73-J			no paleo info	Kriz		

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		
15813	San Luis Obispo	McKittrick Summit	1790		center of quad	73-J			no paleo info	Kriz		
15814	Kern	McKittrick Summit	1791		center of quad	73-J			no paleo info	Kriz		
15815	Kern	McKittrick Summit	1792		center of quad	73-J			no paleo info	Kriz		
15816	Kern	McKittrick Summit	2643		NW corner of quad	89-M			Oat Mtn	Cook		
15817	Kern	McKittrick Summit	2644		NW corner of quad	89-M			no paleo info	Cook		
15818	San Luis Obispo	McKittrick Summit	2645		NW corner of quad	89-M			no paleo info	Cook		
15819	San Luis Obispo	McKittrick Summit	2645		NW corner of quad	125-J			no paleo info	Cook		
15820	San Luis Obispo	McKittrick Summit	2646		NW corner of quad	89-M			no paleo info	Cook		
15821	San Luis Obispo	McKittrick Summit	2647		NW corner of quad	89-M			no paleo info	Cook		
15822	San Luis Obispo	McKittrick Summit	2648		NW corner of quad	89-M			no paleo info	Cook		
15823	Kern	McKittrick Summit	7500	1	NC part of quad	3-J	Temblor anticline		no paleo info			
15824	Kern	McKittrick Summit	7500	2	NC part of quad	3-J	Temblor anticline		no paleo info			
15825	Kern	McKittrick Summit	7500	3	NC part of quad	3-I	Temblor anticline		no paleo info			
15826	Kern	McKittrick Summit	7501		NC part of quad	3-I	Temblor anticline		no paleo info			
15827	Kern	McKittrick Summit	7502	1	NC part of quad	3-J	Temblor anticline		no paleo info			
15828	Kern	McKittrick Summit	7502	2	NC part of quad	3-I	Temblor anticline		no paleo info			
15829	Kern	McKittrick Summit	7503		NC part of quad	3-I	Temblor anticline		no paleo info			
15830	Kern	McKittrick Summit	7505		NC part of quad	3-I	Temblor anticline		no paleo info			
15831	Kern	McKittrick Summit	7506		NC part of quad	3-I	Temblor anticline		no paleo info			
15832	Kern	McKittrick Summit	7507		NC part of quad	3-I	Temblor anticline		no paleo info			
15833	Kern	McKittrick Summit	7510		NC part of quad	3-I	Temblor anticline		no paleo info			
15834	Kern	McKittrick Summit	7510	1A	NC part of quad	3-I	Temblor anticline		no paleo info			
15835	Kern	McKittrick Summit	7510	2	NC part of quad	3-I	Temblor anticline		no paleo info			
15836	Kern	McKittrick Summit	7510	2A	NC part of quad	3-I	Temblor anticline		no paleo info			
15837	Kern	McKittrick Summit	7510	3A	NC part of quad	3-I	Temblor anticline		no paleo info			
15838	Kern	McKittrick Summit	7511	1	NC part of quad	3-I	Temblor anticline		no paleo info			
15839	Kern	McKittrick Summit	7511	2	NC part of quad	3-I	Temblor anticline		no paleo info			
15840	Kern	McKittrick Summit	7511	3	NC part of quad	3-I	Temblor anticline		no paleo info			
15841	Kern	McKittrick Summit	7511	4	NC part of quad	3-I	Temblor anticline		no paleo info			
15842	Kern	McKittrick Summit	7512		NC part of quad	3-I	Temblor anticline		no paleo info			
15843	San Luis Obispo	McKittrick Summit	9216		San Diego Creek	155-I			no paleo info	Hunter		
15844	San Luis Obispo	McKittrick Summit	9247		San Diego Creek	155-I		Burbank	no paleo info	Hunter		
15845	San Luis Obispo	McKittrick Summit	9248		San Diego Creek	155-I		Burbank	no paleo info	Hunter		
15846	San Luis Obispo	McKittrick Summit	9249		San Diego Creek	155-I			no paleo info	Hunter		
15847	San Luis Obispo	McKittrick Summit	9250	A	San Diego Creek	155-I			no paleo info	Hunter		
15848	San Luis Obispo	McKittrick Summit	9250	B	San Diego Creek	155-I		abun diatoms	no paleo info	Hunter		
15849	Kern	McKittrick Summit	9306		NW part of quad	155-I	could also be		no paleo info	Hunter		
15850	Kern	McKittrick Summit	9307		NW part of quad	155-I	Yorba Linda quad		no paleo info	Hunter		
15851	Kern	McKittrick Summit	9308		center of quad	155-I	ditto		no paleo info	Hunter		
15852	San Luis Obispo	McKittrick Summit	9378		SE part of quad	155-J	ditto		no paleo info	Hunter & O		
15853	Kern	McKittrick Summit	9510		E of San Diego Ck	155-J			no paleo info	Hunter & O		
15854	San Luis Obispo	McKittrick Summit	9511		E of San Diego Ck	155-J			no paleo info	Hunter & O		
15855	San Luis Obispo	McKittrick Summit	9512		E of San Diego Ck	155-J			no paleo info	Hunter & O		
15856	San Luis Obispo	McKittrick Summit	9513		E of San Diego Ck	155-J			no paleo info	Hunter & O		
15857	Kern	McKittrick Summit	9514		SW of McKitt. Sum	155-J			no paleo info	Hunter & O		
15858	Kern	McKittrick Summit	9515		not found	155-J			no paleo info	Hunter & O		
15859	Kern	McKittrick Summit	9516		SW of McKitt. Sum	155-J			no paleo info	Hunter & O		
15860	Kern	McKittrick Summit	9517		SW of McKitt. Sum	155-J			no paleo info	Hunter & O		
15861	San Luis Obispo	McKittrick Summit	9518		E of San Diego Ck	155-J			no paleo info	Hunter & O		
15862	San Luis Obispo	McKittrick Summit	9519		E of San Diego Ck	155-J			no paleo info	Hunter & O		
15863	San Luis Obispo	McKittrick Summit	9520		SE corner of quad	155-J			no paleo info	Hunter & O		
15864	San Luis Obispo	McKittrick Summit	9521		SE corner quad	155-J			no paleo info	Hunter & O		
15865	San Luis Obispo	McKittrick Summit	9522		SE corner of quad	155-J	sa Domengine Rnch		no paleo info	Hunter & O		
15866	San Luis Obispo	McKittrick Summit	9523		SE corner of quad	155-J	sa Domengine Rnch		no paleo info	Hunter & O		
15867	San Luis Obispo	McKittrick Summit	9525		SE corner of quad	155-J	sa Domengine Rnch		no paleo info	Hunter & O		
15868	Kern	McKittrick Summit	9617		Temblor Ranch	157-B	picked slide		M. Miocene			
15869	San Luis Obispo	McKittrick Summit	11498	11	Carrizo Plains	224-G	Simmler 15'	Seismic E-29	Luisian			
15870	San Luis Obispo	McKittrick Summit	11498	13	Carrizo Plains	224-G	Simmler 15'	area K-8	Luisian			
15871	San Luis Obispo	McKittrick Summit	11498	85	Carrizo Plains	224-G	Simmler 15'	Seismic E-29	poss Relizian			
15872	San Luis Obispo	McKittrick Summit	11498	86	Carrizo Plains	224-G	Simmler 15'	Seismic E-29	poss Relizian			
15873	San Luis Obispo	McKittrick Summit	11499	1	Carrizo Plains	224-G	Simmler 15'	Seismic E-30	Middle Miocene			
15874	San Luis Obispo	McKittrick Summit	11499	2	Carrizo Plains	224-G	Simmler 15'	area K-8	Middle Miocene			
15875	San Luis Obispo	McKittrick Summit	11499	3	Carrizo Plains	224-G	Simmler 15'	Seismic E-30	Middle Miocene			
15876	San Luis Obispo	McKittrick Summit	11499	6	Carrizo Plains	224-G	Simmler 15'	Seismic E-30	Middle Miocene			
15877	Kern	McKittrick Summit	23450		Temblor Ranch	28-N	area K-6	not on map	not diagnostic	Harper		
15878	Kern	McKittrick Summit	23451	A	Temblor Ranch	28-N	Temblor Ck area	not on map	not diagnostic	Harper		
15879	Kern	McKittrick Summit	23451	B	Temblor Ranch	28-N	Temblor Ck area	not on map	prob Miocene	Harper		
15880	Kern	McKittrick Summit	23451	C	Temblor Ranch	28-N	Temblor Ck area	not on map	prob Miocene	Harper		
15881	Kern	McKittrick Summit	23451	H	Temblor Ranch	28-N	Temblor Ck area	not on map	Middle Miocene	Harper		
15882	Kern	McKittrick Summit	23451	I	Temblor Ranch	28-N	Temblor Ck area	not on map	Middle Miocene	Harper		
15883	Kern	McKittrick Summit	23453	A	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
15884	Kern	McKittrick Summit	23453	C	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
15885	Kern	McKittrick Summit	23453	D	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
15886	Kern	McKittrick Summit	23453	E	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
15887	Kern	McKittrick Summit	23453	F	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
15888	Kern	McKittrick Summit	23453	G	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
15889	Kern	McKittrick Summit	23454	B	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
15890	Kern	McKittrick Summit	23454	C	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
15891	Kern	McKittrick Summit	23454	D	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
15892	Kern	McKittrick Summit	23455	C	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
15893	Kern	McKittrick Summit	23455	D	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
15894	Kern	McKittrick Summit	23456	A	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
15895	Kern	McKittrick Summit	23456	B	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
15896	Kern	McKittrick Summit	23456	C	Temblor Ranch	180-E	SW Salt Creek	not on map	no paleo info	Harper		
15897	Kern	McKittrick Summit	23456	D	Temblor Ranch	180-F	SW Salt Creek	not on map	no paleo info	Harper		

	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		
15898	Kern	McKittrick Summit	23456	E	Temblor Ranch	180-F	SW Salt Creek	not on map	no paleo info	Harper		
15899	Kern	McKittrick Summit	23457		Temblor Ranch	180-F	SW Salt Creek	not on map	no paleo info	Harper		
15900	Kern	McKittrick summit	33836	1	NC part of quad	121-J	Temblor Range		no paleo info	Kraetsch		
15901	Kern	McKittrick summit	33836	2A	NC part of quad	121-J	Temblor Range		no paleo info	Kraetsch		
15902	Kern	McKittrick summit	33836	3	NC part of quad	121-J	Temblor Range		no paleo info	Kraetsch		
15903	Humboldt	McWhinney Creek	21312		NC part of quad	260-A	Fortuna 15'		Cret/Paleocene			
15904	Humboldt	McWhinney Creek	21318	1	N Fork Elk River	260-A	Fortuna 15'		Upper Pliocene	Read		
15905	Humboldt	McWhinney Creek	21318	2	N Fork Elk River	260-A	Fortuna 15'		Upper Pliocene	Read		
15906	Humboldt	McWhinney Creek	21319	2	N Fork Elk River	260-A	Fortuna 15'		Upper Pliocene	Read		
15907	Humboldt	McWhinney Creek	21320	12	N Fork Elk River	260-B	Fortuna 15'		not diagnostic	Read		
15908	Humboldt	McWhinney Creek	21321	1	N Fork Elk River	260-B	Fortuna 15'		Pliocene	Read		
15909	Humboldt	McWhinney Creek	21321	2	N Fork Elk River	260-B	Fortuna 15'	reworked?	Pliocene	Read		
15910	Humboldt	McWhinney Creek	21321	3	N Fork Elk River	260-B	Fortuna 15'		not diagnostic	Read		
15911	Humboldt	McWhinney Creek	21321	4	N Fork Elk River	260-B	Fortuna 15'		not diagnostic	Read		
15912	Humboldt	McWhinney Creek	21321	5	N Fork Elk River	260-B	Fortuna 15'	reworked?	Pliocene	Read		
15913	Humboldt	McWhinney Creek	21322	1	Cloney Gulch	260-B	Fortuna 15'		Upper Pliocene	Read		
15914	Humboldt	McWhinney Creek	21322	2	Cloney Gulch	260-B	Fortuna 15'		not diagnostic	Read		
15915	Humboldt	McWhinney Creek	21322	3	Cloney Gulch	260-B	Fortuna 15'	reworked?	Upper Pliocene	Read		
15916	Humboldt	McWhinney Creek	21324	3	L Freshwater Ck	260-B	Fortuna 15'		Upper Pliocene	Read		
15917	Humboldt	McWhinney Creek	21324	4	L Freshwater Ck	260-B	Fortuna 15'	reworked?	Pliocene	Read		
15918	Humboldt	McWhinney Creek	21324	5	L Freshwater Ck	260-B	Fortuna 15'		not diagnostic	Read		
15919	Humboldt	McWhinney Creek	21325	6	NE of Ridgewood	260-B	Fortuna 15'	reworked?	Pliocene	Read		
15920	Humboldt	McWhinney Creek	21326	1	E of Ridgewood H	260-B	Fortuna 15'		Cret/Paleocene	Read		
15921	Humboldt	McWhinney Creek	21326	2	E of Ridgewood H	260-B	Fortuna 15'		not diagnostic	Read		
15922	Humboldt	McWhinney Creek	21334	5	West Fork	260-B	Fortuna 15'		Upper Pliocene	Read		
15923	Humboldt	McWhinney Creek	21336	3	S Fork Elk River	260-B	Fortuna 15'		Lower Pliocene	Read		
15924	Humboldt	McWhinney Creek	21336	4	S Fork Elk River	260-B	Fortuna 15'	reworked?	Pliocene	Read		
15925	Humboldt	McWhinney Creek	21336	6	S Fork Elk River	260-B	Fortuna 15'		Lower Pliocene	Read		
15926	Humboldt	McWhinney Creek	21336	7	S Fork Elk River	260-B	Fortuna 15'		Lower Pliocene	Read		
15927	Humboldt	McWhinney Creek	21336	8	S Fork Elk River	260-B	Fortuna 15'		Lower Pliocene	Read		
15928	Humboldt	McWhinney Creek	21336	9	S Fork Elk River	260-B	Fortuna 15'		Lower Pliocene	Read		
15929	Humboldt	McWhinney Creek	21336	10	S Fork Elk River	260-B	Fortuna 15'		Lower Pliocene	Read		
15930	Humboldt	McWhinney Creek	21337	1	S Fork Elk River	260-C	Fortuna 15'		Lower Pliocene	Read		
15931	Humboldt	McWhinney Creek	21337	2	S Fork Elk River	260-C	Fortuna 15'		Lower Pliocene	Read		
15932	Humboldt	McWhinney Creek	21337	3	S Fork Elk River	260-C	Fortuna 15'		Upper Pliocene	Read		
15933	Humboldt	McWhinney Creek	21337	4	S Fork Elk River	260-C	Fortuna 15'		Upper Pliocene	Read		
15934	Humboldt	McWhinney Creek	21337	6	S Fork Elk River	260-C	Fortuna 15'		Upper Pliocene	Read		
15935	Humboldt	McWhinney Creek	21337	7	S Fork Elk River	260-C	Fortuna 15'		not diagnostic	Read		
15936	Humboldt	McWhinney Creek	21337	8	S Fork Elk River	260-C	Fortuna 15'		not diagnostic	Read		
15937	Humboldt	McWhinney Creek	21337	11	S Fork Elk River	260-C	Fortuna 15'		Upper Pliocene	Read		
15938	Humboldt	McWhinney Creek	21340	5	E of Loleta	260-C	Fortuna 15'		Upper Pliocene	Read		
15939	Humboldt	McWhinney Creek	21340	6	E of Loleta	260-C	Fortuna 15'		Lower Pliocene	Read		
15940	Humboldt	McWhinney Creek	21340	7	E of Loleta	260-C	Fortuna 15'		Pliocene	Read		
15941	Humboldt	McWhinney Creek	21340	8	E of Loleta	260-C	Fortuna 15'		Lower Pliocene	Read		
15942	Humboldt	McWhinney Creek	21340	9	E of Loleta	260-C	Fortuna 15'		barren	Read		
15943	Humboldt	McWhinney Creek	21340	10	E of Loleta	260-C	Fortuna 15'		Lower Pliocene	Read		
15944	Humboldt	McWhinney Creek	21340	12	E of Loleta	260-C	Fortuna 15'		Lower Pliocene	Read		
15945	Humboldt	McWhinney Creek	21340	13	E of Loleta	260-C	Fortuna 15'		Lower Pliocene	Read		
15946	Humboldt	McWhinney Creek	21340	14	E of Loleta	260-C	Fortuna 15'		Lower Pliocene	Read		
15947	Humboldt	McWhinney Creek	21340	15	E of Loleta	260-C	Fortuna 15'		not diagnostic	Read		
15948	Humboldt	McWhinney Creek	22383	3	N Fork Elk River	240-C	Fortuna 15'		Lower Pliocene			
15949	Humboldt	McWhinney Creek?	4993		not on map	10-L	NF Elk River		Lower Pliocene	Wright		
15950	Humboldt	McWhinney Creek?	4995		not found	10-L	Kneeland Road		Upper Pliocene	Wright		
15951	Fresno	Mercy Hot Springs	1009	A100	NC part of quad	215-A	Panoche outcrops	Payne collect	no paleo info			
15952	Fresno	Mercy Hot Springs	1009	A	NC part of quad	215-A	Panoche outcrops	ages from	no paleo info			
15953	Fresno	Mercy Hot Springs	1009	C1	NC part of quad	215-A	Panoche outcrops	seismic map	no paleo info			
15954	Fresno	Mercy Hot Springs	1009	D1	NC part of quad	215-A	Panoche outcrops		no paleo info			
15955	Fresno	Mercy Hot Springs	1009	D2	NC part of quad	215-A	Panoche outcrops		no paleo info			
15956	Fresno	Mercy Hot Springs	1009	4700	NC part of quad	215-A	Panoche outcrops		no paleo info			
15957	Fresno	Mercy Hot Springs	1009	4725	NC part of quad	215-A	Panoche outcrops		no paleo info			
15958	Fresno	Mercy Hot Springs	1009	4750	NC part of quad	215-A	Panoche outcrops		no paleo info			
15959	Fresno	Mercy Hot Springs	1009	4850	NC part of quad	215-A	Panoche outcrops		no paleo info			
15960	Fresno	Mercy Hot Springs	1009	5000	NC part of quad	215-A	Panoche outcrops		no paleo info			
15961	Fresno	Mercy Hot Springs	1009	5300	NC part of quad	215-A	Panoche outcrops		no paleo info			
15962	Fresno	Mercy Hot Springs	1009	5800	NC part of quad	215-A	Panoche outcrops		no paleo info			
15963	Fresno	Mercy Hot Springs	1009	5900	NC part of quad	215-A	Panoche outcrops		no paleo info			
15964	Fresno	Mercy Hot Springs	1009	6000	NC part of quad	215-A	Panoche outcrops		no paleo info			
15965	Fresno	Mercy Hot Springs	1009	7000	NC part of quad	215-A	Panoche outcrops		no paleo info			
15966	Fresno	Mercy Hot Springs	1009	7100	NC part of quad	215-A	Panoche outcrops		no paleo info			
15967	Fresno	Mercy Hot Springs	1009	7200	NC part of quad	215-A	Panoche outcrops		no paleo info			
15968	Fresno	Mercy Hot Springs	1009	7300	NC part of quad	215-A	Panoche outcrops		no paleo info			
15969	Fresno	Mercy Hot Springs	1009	7400	NC part of quad	215-A	Panoche outcrops		no paleo info			
15970	Fresno	Mercy Hot Springs	1009	7500	NC part of quad	215-A	Panoche outcrops		no paleo info			
15971	Fresno	Mercy Hot Springs	1009	7600	NC part of quad	215-A	Panoche outcrops		no paleo info			
15972	Fresno	Mercy Hot Springs	1009	7650	NC part of quad	215-A	Panoche outcrops		no paleo info			
15973	Fresno	Mercy Hot Springs	1009	7700	NC part of quad	215-A	Panoche outcrops		no paleo info			
15974	Fresno	Mercy Hot Springs	1009	7750	NC part of quad	215-A	Panoche outcrops		no paleo info			
15975	Fresno	Mercy Hot Springs	1009	7800	NC part of quad	215-A	Panoche outcrops		no paleo info			
15976	Fresno	Mercy Hot Springs	1009	7850	NC part of quad	215-A	Panoche outcrops		no paleo info			
15977	Fresno	Mercy Hot Springs	1009	7875	NC part of quad	215-A	Panoche outcrops		no paleo info			
15978	Fresno	Mercy Hot Springs	1009	7900	NC part of quad	215-A	Panoche outcrops		no paleo info			
15979	Fresno	Mercy Hot Springs	1009	7950	NC part of quad	215-A	Panoche outcrops		no paleo info			
15980	Fresno	Mercy Hot Springs	1009	8000	NC part of quad	215-A	Panoche outcrops		no paleo info			
15981	Fresno	Mercy Hot Springs	1009	8050	NC part of quad	215-A	Panoche outcrops		no paleo info			
15982	Fresno	Mercy Hot Springs	1009	8100	NC part of quad	215-A	Panoche outcrops		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		ONE/SERIES/AGI	COLLECTORS		
16153	Fresno	Mercy Hot Springs	1009	2800	NC part of quad	215-D	Panoche outcrops		no paleo info			
16154	Fresno	Mercy Hot Springs	1009	2900	NC part of quad	215-D	Panoche outcrops		no paleo info			
16155	Fresno	Mercy Hot Springs	1009	2950	NC part of quad	215-D	Panoche outcrops		no paleo info			
16156	Fresno	Mercy Hot Springs	1009	2700	NC part of quad	215-D	Panoche outcrops		no paleo info			
16157	Fresno	Mercy Hot Springs	1009	2750	NC part of quad	215-D	Panoche outcrops		no paleo info			
16158	Fresno	Mercy Hot Springs	1009	2800	NC part of quad	215-D	Panoche outcrops		no paleo info			
16159	Fresno	Mercy Hot Springs	1009	1250	NC part of quad	215-D	Panoche outcrops		no paleo info			
16160	Fresno	Mercy Hot Springs	1009	1300	NC part of quad	215-D	Panoche outcrops		no paleo info			
16161	Fresno	Mercy Hot Springs	1009	1400	NC part of quad	215-D	Panoche outcrops		no paleo info			
16162	Fresno	Mercy Hot Springs	1009	950	NC part of quad	215-D	Panoche outcrops		no paleo info			
16163	Fresno	Mercy Hot Springs	1009	1150	NC part of quad	215-D	Panoche outcrops		no paleo info			
16164	Fresno	Mercy Hot Springs	1009	1200	NC part of quad	215-D	Panoche outcrops		no paleo info			
16165	Fresno	Mercy Hot Springs	1009	650	NC part of quad	215-D	Panoche outcrops		no paleo info			
16166	Fresno	Mercy Hot Springs	1009	700	NC part of quad	215-D	Panoche outcrops		no paleo info			
16167	Fresno	Mercy Hot Springs	1009	500	NC part of quad	215-D	Panoche outcrops		no paleo info			
16168	Fresno	Mercy Hot Springs	1009	550	NC part of quad	215-D	Panoche outcrops		no paleo info			
16169	Fresno	Mercy Hot Springs	1009	600	NC part of quad	215-D	Panoche outcrops		no paleo info			
16170	Fresno	Mercy Hot Springs	1009	300	NC part of quad	215-D	Panoche outcrops		no paleo info			
16171	Fresno	Mercy Hot Springs	1009	400	NC part of quad	215-D	Panoche outcrops		no paleo info			
16172	Fresno	Mercy Hot Springs	1009	450	NC part of quad	215-D	Panoche outcrops		no paleo info			
16173	Fresno	Mercy Hot Springs	1009	150	NC part of quad	215-D	Panoche outcrops		no paleo info			
16174	Fresno	Mercy Hot Springs	1009	200	NC part of quad	215-D	Panoche outcrops		no paleo info			
16175	Fresno	Mercy Hot Springs	1009	250	NC part of quad	215-D	Panoche outcrops		no paleo info			
16176	Fresno	Mercy Hot Springs	1009	1	NC part of quad	215-D	Panoche outcrops		no paleo info			
16177	Fresno	Mercy Hot Springs	1009	50	NC part of quad	215-D	Panoche outcrops		no paleo info			
16178	Fresno	Mercy Hot Springs	1009	100	NC part of quad	215-D	Panoche outcrops		no paleo info			
16179	Lake	Middletown	742	1	Clear Lake	123-E	Lower Lake 15'		not diagnostic			
16180	Lake	Middletown	742	2	Clear Lake	123-E	Lower Lake 15'		not diagnostic			
16181	San Joaquin	Midway	28616		Central part of qd	25-B	8/3S/4E (SLP)	SLURP age	Cretaceous	Polugar		
16182	San Joaquin	Midway	28617		Central part of qd	25-B	8/3S/4E (SLP)	SLURP age	Cretaceous	Polugar		
16183	Alameda	Midway	21539		Mountain House C	226-D			U Cret F-2 zone	Colburn		
16184	Alameda	Midway	21540		Mountain House C	226-D			U Cret F-2 zone	Colburn		
16185	Alameda	Midway	21571		Mountain House C	226-D			U Cret F-2 zone	Colburn		
16186	Alameda	Midway	21572		Mountain House C	226-D			U Cret F-2 zone	Colburn		
16187	Alameda	Midway	21573		Mountain House C	226-E			U Cret F-2 zone	Colburn		
16188	Alameda	Midway	21574		Mountain House C	226-E			U Cret F-2 zone	Colburn		
16189	Alameda	Midway	21574		Mountain House C	226-E			U Cret F-2 zone	Colburn		
16190	Alameda	Midway	21575		Mountain House C	226-E			U Cret F-2 zone	Colburn		
16191	Alameda	Midway	21576		Mountain House C	226-E			U Cret F-2 zone	Colburn		
16192	Alameda	Midway	21587		Mountain House C	226-E			U Cret F-2 zone	Colburn		
16193	Alameda	Midway	21588		Mountain House C	226-E			U Cret F-2 zone	Colburn		
16194	Alameda	Midway	21589		Altamont Pass Rd	226-E			not diagnostic	Colburn		
16195	Alameda	Midway	21592		Altamont Pass Rd	226-E			U Cret F-2 zone	Colburn		
16196	San Mateo	Mindego Hill	5626		vic BM 2573	48-N	6/8S/2W (SLP)		Lower Zemorrian	Starke		
16197	San Mateo	Mindego Hill	5697		SE corner of quad	129-M	8/8S/2W (SLP)		Zemorrian	Starke		
16198	San Mateo	Mindego Hill	5970		Alpine Road	147-A	29/7S/3W (SLP)		Upper Zemorrian	Starke		
16199	San Mateo	Mindego Hill	7200		Nr Pescadero Ck	104-M		com diatoms	barren of forams	Kraetsch		
16200	San Mateo	Mindego Hill	7423		not on map	147-C	9/7S/3W (SLP)		Saucesian	Kraetsch		
16201	San Mateo	Mindego Hill	7424		Peters Creek	147-C	22/7S/3W		Lower Miocene	Kraetsch		
16202	San Mateo	Mindego Hill	7425		Peters Creek	147-C	33/7S/3W (SLP)		Saucesian	Kraetsch		
16203	San Mateo	Mindego Hill	7426		Alpine Road	147-C	21/7S/3W (SLP)		Upper Miocene	Kraetsch		
16204	San Mateo	Mindego Hill	7427		not on map	147-C	34/7S/3?W (SLP)		Saucesian	Kraetsch		
16205	San Mateo	Mindego Hill	7429		Peters Creek	147-C	33/7S/3W		Saucesian/Relizian	Kraetsch		
16206	San Mateo	Mindego Hill	7430		not found	147-C	Palo Alto 15'	molds	Lower Saucesian	Kraetsch		
16207	San Mateo	Mindego Hill	7431		SE part of quad	147-C	Palo Alto 15'		Lower Miocene	Flege		
16208	San Mateo	Mindego Hill	7432		SE part of quad	147-C	Palo Alto 15'		not diagnostic	Flege		
16209	San Mateo	Mindego Hill	7433		SE part of quad	147-C	Palo Alto 15'	abun planktics	not diagnostic	Flege		
16210	San Mateo	Mindego Hill	7434		SE part of quad	147-C	Palo Alto 15'	com planktics	Upper Zemorrian	Flege		
16211	San Mateo	Mindego Hill	7435		SE part of quad	147-C	Palo Alto 15'		Saucesian	Flege		
16212	San Mateo	Mindego Hill	7436		SE part of quad	147-C	Palo Alto 15'		Zemorrian	Flege		
16213	Santa Cruz	Mindego Hill	7437		SE part of quad	147-C	Palo Alto 15'		not diagnostic	Flege		
16214	San Mateo	Mindego Hill	7490		SE corner of quad	147-D			Lower Miocene	Kraetsch		
16215	San Mateo	Mindego Hill	7492		NW of Ranger Sta	147-D			Zemorrian	Kraetsch		
16216	Santa Clara	Mindego Hill	7496		Skyline Ranch	147-D			Saucesian/Reliz	Kraetsch		
16217	Santa Cruz	Mindego Hill	8851		SW of Table Mtn	147-E			Lower Miocene	Kraetsch		
16218	San Mateo	Mindego Hill	8852		NE of Woodruff Ck	147-E	6/7S/3E (SLP)		Lower Zemorrian	Kraetsch		
16219	San Mateo	Mindego Hill	8853		center of quad	147-E			poss M Miocene	Kraetsch		
16220	San Mateo	Mindego Hill	8856		NW part of quad	147-E			Zemorrian	Kraetsch		
16221	San Mateo	Mindego Hill	8891		Near Peters Creek	147-F		rubber casts	Lower Relizian	Kraetsch		
16222	San Mateo	Mindego Hill	8915		SC part of quad	147-F			prob L Zemorrian	Starke		
16223	San Mateo	Mindego Hill	9476		Cummings thesis	11-D		JC-471	Lower Saucesian	Cummings		
16224	San Mateo	Mindego Hill	9477		Cummings thesis	11-D		JC-484	not diagnostic	Cummings		
16225	San Mateo	Mindego Hill	11212	RM-15	Skyline Blvd	B-1			Zemorrian	McCullom		
16226	San Mateo	Mindego Hill	11213	RM-16	Skyline Blvd	B-1			Zemorrian	McCullom		
16227	San Mateo	Mindego Hill	11872		Big Dipper Ranch	55-G		JC 57-78A	Lower Miocene	Cummings		
16228	San Mateo	Mindego Hill	11873		Big Dipper Ranch	55-G		JC 57-79	prob Zemorrian	Cummings		
16229	San Mateo	Mindego Hill	11874		Peters Creek	55-G		JC 57-842	U Eocene A zone	Cummings		
16230	San Mateo	Mindego Hill	11875		Peters Creek	55-G		JC 57-848	prob U Eocene	Cummings		
16231	San Mateo	Mindego Hill	11876		NE of Horseshoe F	55-G		JC 57-861	Lower Zemorrian	Cummings		
16232	San Mateo	Mindego Hill	11877		Long Ridge	55-G		JC 57-885	Zemorrian	Cummings		
16233	San Mateo	Mindego Hill	11878		SE of Windy Hill	55-G		JC 57-907	Upper Zemorrian	Cummings		
16234	San Mateo	Mindego Hill	11879		Dumiuni Creek	55-G		JC 57-916	Zemorrian	Cummings		
16235	San Mateo	Mindego Hill	23518	A	Peters Creek	74-D			Upper Zemorrian	Turner		
16236	San Mateo	Mindego Hill	23518	B	Peters Creek	74-D			U Zem or L Sauce	Turner		
16237	San Mateo	Mindego Hill	23518	C	Peters Creek	74-D			U Zem or L Sauce	Turner		

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		
16238	San Mateo	Mindego Hill	23518	D	Peters Creek	74-D			Upper Zemorrian	Turner		
16239	San Mateo	Mindego Hill	23518	E	Peters Creek	74-D			Upper Zemorrian	Turner		
16240	San Mateo	Mindego Hill	23518	F	Peters Creek	74-D			Zemorrian	Turner		
16241	San Mateo	Mindego Hill	23518	G	Peters Creek	74-D			Upper Zemorrian	Turner		
16242	San Mateo	Mindego Hill	23518	H	Peters Creek	74-D			Upper Zemorrian	Turner		
16243	San Mateo	Mindego Hill	23518	I	Peters Creek	74-D			Upper Zemorrian	Turner		
16244	San Mateo	Mindego Hill	23518	J	Peters Creek	74-D			Zemorrian	Turner		
16245	San Mateo	Mindego Hill	23518	K	Peters Creek	74-D			Upper Zemorrian	Turner		
16246	Los Angeles	Mint Canyon	386	1	SC part of quad	56-B			Pliocene			
16247	Los Angeles	Mint Canyon	386	2	SC part of quad	56-B			Pliocene			
16248	Los Angeles	Mint Canyon	386	3	SC part of quad	56-B			Pliocene			
16249	Los Angeles	Mint Canyon	386	4	SC part of quad	56-B			Pliocene			
16250	Los Angeles	Mint Canyon	386	5	SC part of quad	56-B			Pliocene			
16251	Los Angeles	Mint Canyon	386	7	SC part of quad	56-B			Pliocene			
16252	Santa Barbara	Mint Canyon	2054		NW part of quad	73-L			no paleo info	Reed		
16253	Santa Barbara	Mint Canyon	2055		NW part of quad	73-L			no paleo info	Reed		
16254	Los Angeles	Mint Canyon	3776		W of Humphreys	84-J	old Humphreys Q		no paleo info			
16255	Los Angeles	Mint Canyon	3780		Bouquet Canyon	84-J	old Humphreys Q		no paleo info			
16256	Los Angeles	Mint Canyon	3781		Bouquet Canyon	84-J	old Humphreys Q		no paleo info			
16257	Los Angeles	Mint Canyon	6341		SC part of quad	52-N			no paleo info			
16258	Los Angeles	Mint Canyon	6342		not on map	52-N			no paleo info			
16259	Los Angeles	Mint Canyon	6343		not on map	52-N			no paleo info			
16260	Los Angeles	Mint Canyon	6467		SW of Humphreys	55-J			no paleo info			
16261	Los Angeles	Mint Canyon	6468		SW of Humphreys	55-J		ostracods	no paleo info			
16262	Humboldt	Miranda	22724		Seely Creek	244-D	Garberville 15'		not diagnostic			
16263	Humboldt	Miranda	22810	1	SW part of quad	242-H	Garberville 15'		poss Pliocene			
16264	Humboldt	Miranda	22810	2	SW part of quad	242-H	Garberville 15'		poss Pliocene			
16265	Humboldt	Miranda	22810	3	SW part of quad	242-H	Garberville 15'		poss Pliocene			
16266	Humboldt	Miranda	22811	1	SW part of quad	242-H	Garberville 15'		poss Mio/Plio			
16267	Humboldt	Miranda	22811	2	SW part of quad	242-H	Garberville 15'		poss Mio/Plio			
16268	Humboldt	Miranda	22811	3	SW part of quad	242-H	Garberville 15'		poss Mio/Plio			
16269	Humboldt	Miranda	22846	1A	SW part of quad	244-F	Garberville 15'	auger	Pliocene			
16270	Humboldt	Miranda	22846	1B	SW part of quad	244-F	Garberville 15'		Pliocene			
16271	Humboldt	Miranda	22846	3	SW part of quad	244-F	Garberville 15'		Pliocene			
16272	Humboldt	Miranda	22846	4	SW part of quad	244-F	Garberville 15'		Pliocene			
16273	Humboldt	Miranda	22848	1B	SW part of quad	244-F	Garberville 15'	auger	not diagnostic			
16274	Humboldt	Miranda	22848	2A	SW part of quad	244-F	Garberville 15'		Miocene/Pliocene			
16275	Humboldt	Miranda	22848	2B	SW part of quad	244-F	Garberville 15'		Miocene/Pliocene			
16276	Humboldt	Miranda	22848	3A	SW part of quad	244-F	Garberville 15'		Miocene/Pliocene			
16277	Humboldt	Miranda	22848	3B	SW part of quad	244-F	Garberville 15'		Miocene/Pliocene			
16278	Humboldt	Miranda	22848	4A	SW part of quad	244-F	Garberville 15'		Miocene/Pliocene			
16279	Humboldt	Miranda	22848	4B	SW part of quad	244-F	Garberville 15'		Miocene/Pliocene			
16280	Humboldt	Miranda	22849	1A	SW part of quad	244-F	Garberville 15'	auger	not diagnostic			
16281	Humboldt	Miranda	22849	1B	SW part of quad	244-F	Garberville 15'		not diagnostic			
16282	Humboldt	Miranda	22849	2A	SW part of quad	244-F	Garberville 15'		Upper Miocene			
16283	Humboldt	Miranda	22849	2B	SW part of quad	244-F	Garberville 15'		Upper Miocene			
16284	Humboldt	Miranda	22849	2C	SW part of quad	244-F	Garberville 15'		poss U Miocene			
16285	Humboldt	Miranda	22849	4	SW part of quad	244-F	Garberville 15'		not diagnostic			
16286	Santa Barbara	Miranda Pine Mountain	2054		NW part of quad	69-G	Branch Mtn 15'		Upper Cretaceous	Newbill		
16287	Santa Barbara	Miranda Pine Mountain	2054	RW	NW part of quad	69-G	Branch Mtn 15'		no paleo info			
16288	Santa Barbara	Miranda Pine Mountain	2055		NW part of quad	69-G	Branch Mtn 15'		Upper Cretaceous			
16289	Santa Barbara	Miranda Pine Mountain	2055	RW	NW part of quad	69-G	Branch Mtn 15'		Upper Cretaceous			
16290	San Luis Obispo	Miranda Pine Mountain	21082		NE part of quad	189-B	Cuyama Valley		not diagnostic	Heppert		
16291	Fresno	Monocline Ridge	3222		Tumey Gulch	29-K	slide says Coalinga		Paleocene	Porter		
16292	Fresno	Monocline Ridge	3223		Tumey Gulch	29-K	slide says Coalinga		not diagnostic	Porter		
16293	Fresno	Monocline Ridge	3224		Tumey Gulch	29-K	slide says Coalinga		not diagnostic	Porter		
16294	Fresno	Monocline Ridge	3224	RW	Tumey Gulch	29-K	slide says Coalinga		no paleo info	Porter		
16295	Fresno	Monocline Ridge	3226		Tumey Gulch	29-K	slide says Coalinga		barren	Porter		
16296	Fresno	Monocline Ridge	3228		Tumey Gulch	29-K	slide says Coalinga		Paleocene	Porter		
16297	Fresno	Monocline Ridge	3235		Tumey Gulch	29-K	slide says Coalinga		Eocene C zone	Porter		
16298	Fresno	Monocline Ridge	3236		Tumey Gulch	29-K	slide says Coalinga		not diagnostic	Porter		
16299	San Mateo	Montara Mountain	7061		San Pedro Valley	91-F	14/4S/6W (SLP)		not diagnostic	Kraetsch		
16300	San Mateo	Montara Mountain	7062		San Pedro Valley	91-F	14/4S/6W (SLP)		not diagnostic	Kraetsch		
16301	San Mateo	Montara Mountain	7063		San Pedro Valley	91-F	14/4S/6W (SLP)		not diagnostic	Kraetsch		
16302	San Mateo	Montara Mountain	7107		Seal Cove	122-A			Pliocene	Starke		
16303	San Mateo	Montara Mtn	24281	1	Shelter Cove	101-H			not diagnostic			
16304	San Mateo	Montara Mtn	24281	3	Shelter Cove	101-H			not diagnostic			
16305	San Mateo	Montara Mtn	24281	4	Shelter Cove	101-H			not diagnostic			
16306	Napa	Monticello Dam	680	1	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16307	Napa	Monticello Dam	680	2	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16308	Napa	Monticello Dam	680	3	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16309	Napa	Monticello Dam	680	4	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16310	Napa	Monticello Dam	680	5	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16311	Napa	Monticello Dam	680	6	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16312	Napa	Monticello Dam	680	7	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16313	Napa	Monticello Dam	680	8	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16314	Napa	Monticello Dam	680	9	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16315	Napa	Monticello Dam	680	10	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16316	Napa	Monticello Dam	680	11	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16317	Napa	Monticello Dam	680	12	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16318	Napa	Monticello Dam	680	13	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16319	Napa	Monticello Dam	680	14	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16320	Napa	Monticello Dam	680	15	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16321	Napa	Monticello Dam	680	16	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16322	Napa	Monticello Dam	680	17	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		

	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		
16323	Napa	Monticello Dam	680	18	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16324	Napa	Monticello Dam	680	19	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16325	Napa	Monticello Dam	680	20	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16326	Napa	Monticello Dam	680	21	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16327	Napa	Monticello Dam	680	22	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16328	Napa	Monticello Dam	680	23	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16329	Napa	Monticello Dam	680	24	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16330	Napa	Monticello Dam	680	25	Putah Creek	151-A	L Berryessa 15'		no paleo report	Raydon		
16331	Yolo	Monticello Dam	1132	6	Putah Creek	151-L	L Berryessa 15'		U Eocene			
16332	Yolo	Monticello Dam	1133	1	Enos Creek	151-M	L Berryessa 15'	2/8N/2W	not diagnostic			
16333	Yolo	Monticello Dam	1133	3	Enos Creek	151-M	L Berryessa 15'	Have strat	not diagnostic			
16334	Yolo	Monticello Dam	1133	6	Enos Creek	151-M	L Berryessa 15'	column	U Cret F-1 zone			
16335	Yolo	Monticello Dam	1133	6	Enos Creek	151-M	L Berryessa 15'		U Cret F-1 zone			
16336	Yolo	Monticello Dam	1133	7	Enos Creek	151-M	L Berryessa 15'		not diagnostic			
16337	Yolo	Monticello Dam	1133	8	Enos Creek	151-M	L Berryessa 15'		not diagnostic			
16338	Yolo	Monticello Dam	1133	6	Enos Creek	93-C	L Berryessa 15'	duplicates?	U Cret F-1 zone			
16339	Yolo	Monticello Dam	1133	7	Enos Creek	93-C	L Berryessa 15'	duplicates?	not diagnostic			
16340	Yolo	Monticello Dam	1133	8	Enos Creek	93-C	L Berryessa 15'	duplicates?	not diagnostic			
16341	Napa	Monticello Dam	5237		Putah Creek	150-G	at dam site		L Cret J zone	Berry		
16342	Napa	Monticello Dam	5238		Putah Creek	150-G	O.5 mi upstream		not diagnostic	Berry		
16343	Solano	Monticello Dam	28630	1	SW corner of quad	25-B			no paleo info	Polugar		
16344	Yolo?	Monticello Dam?	233	P1 etc	Putah Ck	148-G	not on map		Cret G-2	Solari		
16345	Yolo?	Monticello Dam?	233	2	Putah Ck	148-G	not on map		Cret G-2	Solari		
16346	Yolo?	Monticello Dam?	233	3	Putah Ck	148-G	not on map		Cret G-2	Solari		
16347	Yolo?	Monticello Dam?	233	4	Putah Ck	148-G	not on map		Cret G-2	Solari		
16348	Yolo?	Monticello Dam?	233	5	Putah Ck	148-G	not on map		Cret G-2	Solari		
16349	Yolo?	Monticello Dam?	233	6	Putah Ck	148-G	not on map		Cret G-2	Solari		
16350	Yolo	Monticello Dam?	241	P-8 etc	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
16351	Yolo	Monticello Dam?	241	9	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
16352	Yolo	Monticello Dam?	241	11	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
16353	Yolo	Monticello Dam?	241	12	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
16354	Yolo	Monticello Dam?	241	13	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
16355	Yolo	Monticello Dam?	241	14	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
16356	Yolo	Monticello Dam?	241	15	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
16357	Yolo	Monticello Dam?	241	16	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
16358	Yolo	Monticello Dam?	241	17	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
16359	Yolo	Monticello Dam?	241	18	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
16360	Yolo	Monticello Dam?	241	20	Putah Creek	148-G	not on map		U Cret prob G-2	Solari		
16361	Yolo	Monticello Dam?	241	21	Putah Creek	148-G	not on map		U Cret prob G-2	Solari		
16362	Yolo	Monticello Dam?	241	24	Putah Creek	148-G	not on map		U Cret prob G-2	Solari		
16363	Yolo	Monticello Dam?	241	26	Putah Creek	148-G	not on map		U Cret prob G-1	Solari		
16364	Yolo	Monticello Dam?	241	27	Putah Creek	148-G	not on map		U Cret prob G-1	Solari		
16365	Yolo	Monticello Dam?	241	28	Putah Creek	148-G	not on map		U Cret prob G-1	Solari		
16366	Yolo	Monticello Dam?	241	29	Putah Creek	148-G	not on map		U Cret prob G-1	Solari		
16367	Yolo	Monticello Dam?	241	30	Putah Creek	148-G	not on map		U Cret prob G-1	Solari		
16368	Yolo	Monticello Dam?	241	33	Putah Creek	148-G	not on map		Upper Cretaceous	Solari		
16369	Yolo	Monticello Dam?	241	35	Putah Creek	148-G	not on map		U Cretaceous	Solari		
16370	Yolo	Monticello Dam?	241	37	Putah Creek	148-G	not on map		U Cretaceous	Solari		
16371	Yolo	Monticello Dam?	241	38	Putah Creek	148-G	not on map		U Cretaceous	Solari		
16372	Yolo	Monticello Dam?	241	39	Putah Creek	148-G	not on map		U Cretaceous	Solari		
16373	Yolo	Monticello Dam?	241	40	Putah Creek	148-G	not on map		U Cretaceous	Solari		
16374	Ventura	Moorpark	5	1RW	SC part of quad	52-K			not diagnostic			
16375	Ventura	Moorpark	5	1	SC part of quad	2A			not diagnostic			
16376	Ventura	Moorpark	5	2	SC part of quad	2A			not diagnostic			
16377	Ventura	Moorpark	5	3	SC part of quad	2A			not diagnostic			
16378	Ventura	Moorpark	5	4	SC part of quad	2A			not diagnostic			
16379	Ventura	Moorpark	5	5	SC part of quad	2A			not diagnostic			
16380	Ventura	Moorpark	5	6	SC part of quad	2A			not diagnostic			
16381	Ventura	Moorpark	73	1	Grimes Cyn	8-H			Pleistocene			
16382	Ventura	Moorpark	73	2	Grimes Cyn	8-H			Pleistocene			
16383	Ventura	Moorpark	73	3	Grimes Cyn	8-H			Pleistocene			
16384	Ventura	Moorpark	79		South Mtn area	48-J			no paleo info			
16385	Ventura	Moorpark	98	17	NE part of quad	23-B			Saucesian			
16386	Ventura	Moorpark	98	18	NE part of quad	23-B			Saucesian			
16387	Ventura	Moorpark	98	18A	NE part of quad	23-B			Saucesian			
16388	Ventura	Moorpark	98	19	NE part of quad	23-B			Saucesian			
16389	Ventura	Moorpark	98	20	NE part of quad	23-B			Saucesian			
16390	Ventura	Moorpark	99	1	Grimes Canyon	33-F			Luisian/Mohnian			
16391	Ventura	Moorpark	99	2	Grimes Canyon	33-F			Luisian/Mohnian			
16392	Ventura	Moorpark	99	3	Grimes Canyon	33-F			Luisian/Mohnian			
16393	Ventura	Moorpark	99	4	Grimes Canyon	33-F			Luisian/Mohnian			
16394	Ventura	Moorpark	99	5	Grimes Canyon	33-F			Luisian/Mohnian			
16395	Ventura	Moorpark	99	6	Grimes Canyon	33-F			Luisian/Mohnian			
16396	Ventura	Moorpark	99	7	Grimes Canyon	33-F			Luisian/Mohnian			
16397	Ventura	Moorpark	99	8	Grimes Canyon	33-F			Luisian/Mohnian			
16398	Ventura	Moorpark	99	9	Grimes Canyon	33-F			Luisian/Mohnian			
16399	Ventura	Moorpark	99	10	Grimes Canyon	33-F			Luisian/Mohnian			
16400	Ventura	Moorpark	99	11	Grimes Canyon	33-F			Luisian/Mohnian			
16401	Ventura	Moorpark	99	12	Grimes Canyon	33-F			Luisian/Mohnian			
16402	Ventura	Moorpark	99	13	Grimes Canyon	33-F			Luisian/Mohnian			
16403	Ventura	Moorpark	99	14	Grimes Canyon	33-F			Luisian/Mohnian			
16404	Ventura	Moorpark	99	16	Grimes Canyon	33-F			Luisian/Mohnian			
16405	Ventura	Moorpark	99	17	Grimes Canyon	33-G			Luisian/Mohnian			
16406	Ventura	Moorpark	99	18	Grimes Canyon	33-G			Luisian/Mohnian			
16407	Ventura	Moorpark	99	19	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/AGI	COLLECTORS		
16493	Ventura	Moorpark	145	49	WC part of quad	29-L			Pliocene			
16494	Ventura	Moorpark	145	50	WC part of quad	29-L			Pliocene			
16495	Ventura	Moorpark	145	51	WC part of quad	29-L			Pliocene			
16496	Ventura	Moorpark	145	52	WC part of quad	29-L			Pliocene			
16497	Ventura	Moorpark	145	53	WC part of quad	29-L			Pliocene			
16498	Ventura	Moorpark	145	54	WC part of quad	29-L			Pliocene			
16499	Ventura	Moorpark	145	55	WC part of quad	29-M			Pliocene			
16500	Ventura	Moorpark	145	56	WC part of quad	29-M			Pliocene			
16501	Ventura	Moorpark	145	57	WC part of quad	29-M			Pliocene			
16502	Ventura	Moorpark	145	58	WC part of quad	29-M			Pliocene			
16503	Ventura	Moorpark	145	59	WC part of quad	29-M			Pliocene			
16504	Ventura	Moorpark	145	60	WC part of quad	29-M			Pliocene			
16505	Ventura	Moorpark	145	61	WC part of quad	29-M			Pliocene			
16506	Ventura	Moorpark	145	62	WC part of quad	29-M			Pliocene			
16507	Ventura	Moorpark	145	63	WC part of quad	29-M			Pliocene			
16508	Ventura	Moorpark	145	64	WC part of quad	29-M			Pliocene			
16509	Ventura	Moorpark	145	65	WC part of quad	29-M			Pliocene			
16510	Ventura	Moorpark	145	66	WC part of quad	29-M			Pliocene			
16511	Ventura	Moorpark	145	67	WC part of quad	29-M			Pliocene			
16512	Ventura	Moorpark	145	68	WC part of quad	29-M			Pliocene			
16513	Ventura	Moorpark	145	69	WC part of quad	29-M			Pliocene			
16514	Ventura	Moorpark	145	70	WC part of quad	29-M			Pliocene			
16515	Ventura	Moorpark	145	71	WC part of quad	29-M			Pliocene			
16516	Ventura	Moorpark	145	72	WC part of quad	29-M			Pliocene			
16517	Ventura	Moorpark	145	73	WC part of quad	29-M			Pliocene			
16518	Ventura	Moorpark	145	74	WC part of quad	29-M			Pliocene			
16519	Ventura	Moorpark	145	75	WC part of quad	29-M			Pliocene			
16520	Ventura	Moorpark	145	76	WC part of quad	29-M			Pliocene			
16521	Ventura	Moorpark	145	77	WC part of quad	29-M			Pliocene			
16522	Ventura	Moorpark	145	78	WC part of quad	29-M			Pliocene			
16523	Ventura	Moorpark	145	79	WC part of quad	29-M			Pliocene			
16524	Ventura	Moorpark	145	80	WC part of quad	29-M			Pliocene			
16525	Ventura	Moorpark	145	81	WC part of quad	29-M			Pliocene			
16526	Ventura	Moorpark	145	82	WC part of quad	29-M			Pliocene			
16527	Ventura	Moorpark	145	83	WC part of quad	29-M			Pliocene			
16528	Ventura	Moorpark	145	84	WC part of quad	29-M			Pliocene			
16529	Ventura	Moorpark	145	85	WC part of quad	29-M			Pliocene			
16530	Ventura	Moorpark	145	86	WC part of quad	29-M			Pliocene			
16531	Ventura	Moorpark	145	87	WC part of quad	29-M			Pliocene			
16532	Ventura	Moorpark	145	88	WC part of quad	29-M			Pliocene			
16533	Ventura	Moorpark	145	89	WC part of quad	29-M			Pliocene			
16534	Ventura	Moorpark	145	90	WC part of quad	29-M			Pliocene			
16535	Ventura	Moorpark	145	91	WC part of quad	29-M			Pliocene			
16536	Ventura	Moorpark	145	92	WC part of quad	29-M			Pliocene			
16537	Ventura	Moorpark	145	93	WC part of quad	29-M			Pliocene			
16538	Ventura	Moorpark	145	94	WC part of quad	29-M			Pliocene			
16539	Ventura	Moorpark	145	95	WC part of quad	29-M			Pliocene			
16540	Ventura	Moorpark	145	96	WC part of quad	29-M			Pliocene			
16541	Ventura	Moorpark	145	97	WC part of quad	29-M			Pliocene			
16542	Ventura	Moorpark	145	98	WC part of quad	29-M			Pliocene			
16543	Ventura	Moorpark	151	22	NC part of quad	43-I			Upper Saucesian			
16544	Ventura	Moorpark	151	28	NC part of quad	43-I			Upper Saucesian			
16545	Ventura	Moorpark	3044		Grimes Canyon	23-N			no paleo info			
16546	Ventura	Moorpark	3050		Grimes Canyon	23-N			no paleo info			
16547	Ventura	Moorpark	3068		Grimes Canyon	176-M			no paleo info	Ellinwood		
16548	Ventura	Moorpark	3069		Grimes Canyon	176-M			no paleo info	Ellinwood		
16549	Ventura	Moorpark	3070		Grimes Canyon	176-M			no paleo info	Ellinwood		
16550	Ventura	Moorpark	3071		Grimes Canyon	176-M			no paleo info	Ellinwood		
16551	Ventura	Moorpark	3072		Grimes Canyon	176-M			no paleo info	Ellinwood		
16552	Ventura	Moorpark	3073		Grimes Canyon	176-M			no paleo info	Ellinwood		
16553	Ventura	Moorpark	3402		Grimes Canyon	33-F			Lower Mohnian			
16554	Ventura	Moorpark	3403		Grimes Canyon	33-F			Lower Mohnian			
16555	Ventura	Moorpark	3404		Grimes Canyon	33-F			Lower Mohnian			
16556	Ventura	Moorpark	3405	A	Grimes Canyon	33-F			Lower Mohnian			
16557	Ventura	Moorpark	3405	B	Grimes Canyon	33-F			Lower Mohnian			
16558	Ventura	Moorpark	3406		Grimes Canyon	33-F			Mohnian			
16559	Ventura	Moorpark	3407		Grimes Canyon	33-F			Mohnian			
16560	Ventura	Moorpark	5358		W of Balcom Cyn	26-I			Luisian			
16561	Ventura	Moorpark	5359		W of Balcom Cyn	26-I			Saucesian			
16562	Ventura	Moorpark	5360		W of Balcom Cyn	26-I			barren			
16563	Ventura	Moorpark	7070		E of Balcom Cyn	78-H			Pliocene			
16564	Ventura	Moorpark	7071		E of Balcom Cyn	78-H			Pliocene			
16565	Ventura	Moorpark	7111		SE of Bardsfale C	63-F		rich fauna	no paleo info			
16566	Ventura	Moorpark	7112		SW of Bardsdale	63-F		rich fauna	no paleo info			
16567	Ventura	Moorpark	7113		Bixby Road	63-F		rich fauna	no paleo info			
16568	Ventura	Moorpark	7114		Balcom Cyn Road	63-F		rich fauna	no paleo info			
16569	Ventura	Moorpark	7115		Balcom Cyn Road	63-F		rich fauna	no paleo info			
16570	San Luis Obispo	Morro Bay North	2023		NW corner of quad	69-F	Cayucos 15'		Zemorrian	Newbill		
16571	San Luis Obispo	Morro Bay North	11607		Toro Creek	79-J	Cayucos 15'	age from map	Zemorrian	Kraetsch		
16572	San Luis Obispo	Morro Bay North	11608		Toro Creek	79-J	Cayucos 15'	age from map	not diagnostic	Kraetsch		
16573	San Luis Obispo	Morro Bay North	30989		center of quad	99-H	Cayucos 15'		Relizian			
16574	San Luis Obispo	Morro Bay South	3921		SE corner quad	164-J	Cayucos 15'		Relizian	Zeni		
16575	San Luis Obispo	Morro Bay South	6563		Pt Buchon area	66-E	not on map	strat column	Relizian			
16576	San Luis Obispo	Morro Bay South	11746		SC part of quad	79-K	Cayucos 15'		Saucesian	Moberly		
16577	San Luis Obispo	Morro Bay South	11746	ReWash	SC part of quad	79-K	Cayucos 15'		Saucesian	Moberly		

	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		
16578	San Luis Obispo	Morro Bay South	11747		SC part of quad	79-K	Cayucos 15'		Zemorrian	Moberly		
16579	San Luis Obispo	Morro Bay South	11748		SC part of quad	79-K	Cayucos 15'		Lower Relizian	Moberly		
16580	San Luis Obispo	Morro Bay South	11749		SE part of quad	79-K	Cayucos 15'	sa Joaquin Rk	Zemorrian	Moberly		
16581	San Luis Obispo	Morro Bay South	24086	1	Pt Buchon	99-G	see loc 5172 for	strat column	Miocene/Pliocene			
16582	San Luis Obispo	Morro Bay South	24086	2	Pt Buchon	99-G	see #24280		not diagnostic			
16583	San Luis Obispo	Morro Bay South	24086	3	Pt Buchon	99-G			barren			
16584	San Luis Obispo	Morro Bay South	30492	4	Islay Creek	118-G			not diagnostic			
16585	San Luis Obispo	Morro Bay South	30965	8	coastal area	121-J	Have strat column		Mohanian			
16586	San Luis Obispo	Morro Bay South?	3922		not on map	164-J	Cayucos 15'	Foxen Fm	Pliocene	Zeni		
16587	Riverside	Mortmar	3734		Box Canyon	41-M	Cottonwood S 15'		no paleo info			
16588	Solano	Mount George	3824		Suisun Valley	152-A			not diagnostic	Vaughn		
16589	Napa	Mount George	21631		Gordon Valley Road	228-K			Lower Cretaceous	Beck		
16590	Napa	Mount George	21633		Suisun Valley	228-K			Lower Cretaceous	Beck		
16591	Napa	Mount George	21633	A	Suisun Valley	228-K			Lower Cretaceous	Beck		
16592	Napa	Mount George	21634		W of Suisun Vly	228-K			Jurassic M zone	Beck		
16593	Napa	Mount George	21635		W of Suisun Vly	228-K			Jurassic M zone	Beck		
16594	Santa Clara	Mount Madonna	9014		SW part of quad	118-L	Morgan Hill 15'		not diagnostic	Flege		
16595	Santa Clara	Mount Madonna	9015		SW part of quad	118-L	Morgan Hill 15'		Upper Eocene	Flege		
16596	Santa Cruz	Mount Madonna	9022		Mt Madonna Road	140-M	Morgan Hill 15'		prob L Miocene	Flege		
16597	Santa Cruz	Mount Madonna	9023		Mt Madonna Road	140-M	Morgan Hill 15'		prob Eocene	Flege		
16598	Santa Cruz	Mount Madonna	9024		Mt Madonna Road	140-M	Morgan Hill 15'		prob Eocene A zone	Flege		
16599	Santa Clara	Mount Madonna	9130		Eastman Canyon	142-N	Morgan Hill 15'		not diagnostic	Flege		
16600	Imperial	Mount Signal	3766		Naval Reserve	48-H	Heber 15'		no paleo info			
16601	Solano	Mount Vaca	96	501	Putnam Peak area	H-2	not on map		no paleo info			
16602	Solano	Mount Vaca	96	502	Putnam Peak area	H-2	not on map		no paleo info			
16603	Solano	Mount Vaca	96	503	Putnam Peak area	H-2	not on map		no paleo info			
16604	Solano	Mount Vaca	96	504	Putnam Peak area	H-2	not on map		no paleo info			
16605	Solano	Mount Vaca	96	505	Putnam Peak area	H-2	not on map		no paleo info			
16606	Solano	Mount Vaca	96	506	Putnam Peak area	H-2	not on map		no paleo info			
16607	Solano	Mount Vaca	96	507	Putnam Peak area	H-2	not on map		no paleo info			
16608	Solano	Mount Vaca	96	508	Putnam Peak area	H-2	not on map		no paleo info			
16609	Solano	Mount Vaca	96	509	Putnam Peak area	H-2	not on map		no paleo info			
16610	Solano	Mount Vaca	96	510	Putnam Peak area	H-2	not on map		no paleo info			
16611	Solano	Mount Vaca	96	511	Putnam Peak area	H-2	not on map		no paleo info			
16612	Solano	Mount Vaca	96	512	Putnam Peak area	H-2	not on map		no paleo info			
16613	Solano	Mount Vaca	96	513	Putnam Peak area	H-2	not on map		no paleo info			
16614	Solano	Mount Vaca	96	514	Putnam Peak area	H-2	not on map		no paleo info			
16615	Solano	Mount Vaca	96	515	Putnam Peak area	H-2	not on map		no paleo info			
16616	Solano	Mount Vaca	96	516	Putnam Peak area	H-2	not on map		no paleo info			
16617	Solano	Mount Vaca	96	517	Putnam Peak area	H-2	not on map		no paleo info			
16618	Solano	Mount Vaca	96	518	Putnam Peak area	H-2	not on map		no paleo info			
16619	Solano	Mount Vaca	96	519	Putnam Peak area	H-2	not on map		no paleo info			
16620	Solano	Mount Vaca	96	520	Putnam Peak area	H-2	not on map		no paleo info			
16621	Solano	Mount Vaca	96	521	Putnam Peak area	H-2	not on map		no paleo info			
16622	Solano	Mount Vaca	96	522	Putnam Peak area	H-2	not on map		no paleo info			
16623	Solano	Mount Vaca	96	523	Putnam Peak area	H-2	not on map		no paleo info			
16624	Solano	Mount Vaca	96	524	Putnam Peak area	H-2	not on map		no paleo info			
16625	Solano	Mount Vaca	96	525	Putnam Peak area	H-2	not on map		no paleo info			
16626	Solano	Mount Vaca	96	526	Putnam Peak area	H-2	not on map		no paleo info			
16627	Solano	Mount Vaca	96	527	Putnam Peak area	H-2	not on map		no paleo info			
16628	Solano	Mount Vaca	96	528	Putnam Peak area	H-2	not on map		no paleo info			
16629	Solano	Mount Vaca	96	529	Putnam Peak area	H-2	not on map		no paleo info			
16630	Solano	Mount Vaca	96	530	Putnam Peak area	H-2	not on map		no paleo info			
16631	Solano	Mount Vaca	96	531	Putnam Peak area	H-2	not on map		no paleo info			
16632	Solano	Mount Vaca	96	532	Putnam Peak area	H-2	not on map		no paleo info			
16633	Solano	Mount Vaca	96	533	Putnam Peak area	H-2	not on map		no paleo info			
16634	Solano	Mount Vaca	96	534	Putnam Peak area	H-2	not on map		no paleo info			
16635	Solano	Mount Vaca	96	535	Putnam Peak area	H-2	not on map		no paleo info			
16636	Solano	Mount Vaca	96	536	Putnam Peak area	H-2	not on map		no paleo info			
16637	Solano	Mount Vaca	96	537	Putnam Peak area	H-2	not on map		no paleo info			
16638	Solano	Mount Vaca	96	538	Putnam Peak area	H-2	not on map		no paleo info			
16639	Solano	Mount Vaca	96	539	Putnam Peak area	H-2	not on map		no paleo info			
16640	Solano	Mount Vaca	96	540	Putnam Peak area	H-2	not on map		no paleo info			
16641	Solano	Mount Vaca	96	541	Putnam Peak area	H-2	not on map		no paleo info			
16642	Solano	Mount Vaca	96	542	Putnam Peak area	H-2	not on map		no paleo info			
16643	Solano	Mount Vaca	96	543	Putnam Peak area	H-2	not on map		no paleo info			
16644	Solano	Mount Vaca	96	544	Putnam Peak area	H-2	not on map		no paleo info			
16645	Solano	Mount Vaca	96	545	Putnam Peak area	H-2	not on map		no paleo info			
16646	Solano	Mount Vaca	96	546	Putnam Peak area	H-2	not on map		no paleo info			
16647	Solano	Mount Vaca	96	547	Putnam Peak area	H-2	not on map		no paleo info			
16648	Solano	Mount Vaca	96	548	Putnam Peak area	H-2	not on map		no paleo info			
16649	Solano	Mount Vaca	96	549	Putnam Peak area	H-2	not on map		no paleo info			
16650	Solano	Mount Vaca	96	550	Putnam Peak area	H-2	not on map		no paleo info			
16651	Solano	Mount Vaca	96	551	Putnam Peak area	H-2	not on map		no paleo info			
16652	Solano	Mount Vaca	96	552	Putnam Peak area	H-2	not on map		no paleo info			
16653	Solano	Mount Vaca	96	553	Putnam Peak area	H-2	not on map		no paleo info			
16654	Solano	Mount Vaca	96	554	Putnam Peak area	H-2	not on map		no paleo info			
16655	Solano	Mount Vaca	96	555	Putnam Peak area	H-2	not on map		no paleo info			
16656	Solano	Mount Vaca	96	556	Putnam Peak area	H-2	not on map		no paleo info			
16657	Solano	Mount Vaca	96	557	Putnam Peak area	H-2	not on map		no paleo info			
16658	Solano	Mount Vaca	96	558	Putnam Peak area	H-2	not on map		no paleo info			
16659	Solano	Mount Vaca	96	559	Putnam Peak area	H-2	not on map		no paleo info			
16660	Solano	Mount Vaca	96	560	Putnam Peak area	H-2	not on map		no paleo info			
16661	Solano	Mount Vaca	196	449	Vaca Valley	H-1	Putnam Peak area		Eocene			
16662	Solano	Mount Vaca	196	450	Vaca Valley	H-1	Putnam Peak area		Eocene			

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
16748	Solano	Mount Vaca	196	595	Vaca Valley	H-3	Putnam Peak area		Eocene?			
16749	Solano	Mount Vaca	196	596	Vaca Valley	H-3	Putnam Peak area		Eocene?			
16750	Solano	Mount Vaca	196	597	Vaca Valley	H-3	Putnam Peak area		Eocene?			
16751	Solano	Mount Vaca	293	1	Mix Canyon	90-H	Have strat column		Upper Cretaceous			
16752	Solano	Mount Vaca	293	2	Mix Canyon	90-H	Paleo mostly		Upper Cretaceous			
16753	Solano	Mount Vaca	293	4	Mix Canyon	90-H	sparse but includes		Upper Cretaceous			
16754	Solano	Mount Vaca	293	5	Mix Canyon	90-H	some planktics		Upper Cretaceous			
16755	Solano	Mount Vaca	293	6	Mix Canyon	90-H			Upper Cretaceous			
16756	Solano	Mount Vaca	293	7	Mix Canyon	90-H			Upper Cretaceous			
16757	Solano	Mount Vaca	293	8	Mix Canyon	90-H			Upper Cretaceous			
16758	Solano	Mount Vaca	293	9	Mix Canyon	90-H			Upper Cretaceous			
16759	Solano	Mount Vaca	293	10	Mix Canyon	90-H			Upper Cretaceous			
16760	Solano	Mount Vaca	293	11	Mix Canyon	90-H			Upper Cretaceous			
16761	Solano	Mount Vaca	293	13	Mix Canyon	90-H			Upper Cretaceous			
16762	Solano	Mount Vaca	293	14	Mix Canyon	90-H			Upper Cretaceous			
16763	Solano	Mount Vaca	293	15	Mix Canyon	90-H			Upper Cretaceous			
16764	Solano	Mount Vaca	293	16	Mix Canyon	90-H			Upper Cretaceous			
16765	Solano	Mount Vaca	293	17	Mix Canyon	90-H			Upper Cretaceous			
16766	Solano	Mount Vaca	293	18	Mix Canyon	90-H			Upper Cretaceous			
16767	Solano	Mount Vaca	293	19	Mix Canyon	90-H			Upper Cretaceous			
16768	Solano	Mount Vaca	293	20	Mix Canyon	90-H			Upper Cretaceous			
16769	Solano	Mount Vaca	293	21	Mix Canyon	90-H			Upper Cretaceous			
16770	Solano	Mount Vaca	293	22	Mix Canyon	90-H			Upper Cretaceous			
16771	Solano	Mount Vaca	293	23	Mix Canyon	90-H			Upper Cretaceous			
16772	Solano	Mount Vaca	293	24	Mix Canyon	90-H			Upper Cretaceous			
16773	Solano	Mount Vaca	293	25	Mix Canyon	90-H			Upper Cretaceous			
16774	Solano	Mount Vaca	293	26	Mix Canyon	90-H			Upper Cretaceous			
16775	Solano	Mount Vaca	293	27	Mix Canyon	90-H			Upper Cretaceous			
16776	Solano	Mount Vaca	293	28	Mix Canyon	90-H			Upper Cretaceous			
16777	Solano	Mount Vaca	293	29	Mix Canyon	90-H			Upper Cretaceous			
16778	Solano	Mount Vaca	293	30	Mix Canyon	90-H			Upper Cretaceous			
16779	Solano	Mount Vaca	293	31	Mix Canyon	90-H			Upper Cretaceous			
16780	Solano	Mount Vaca	293	32	Mix Canyon	90-H			Upper Cretaceous			
16781	Solano	Mount Vaca	293	33	Mix Canyon	90-H			Upper Cretaceous			
16782	Solano	Mount Vaca	293	34	Mix Canyon	90-H			Upper Cretaceous			
16783	Solano	Mount Vaca	293	35	Mix Canyon	90-H			Upper Cretaceous			
16784	Solano	Mount Vaca	293	36	Mix Canyon	90-H			Upper Cretaceous			
16785	Solano	Mount Vaca	293	37	Mix Canyon	90-H			Upper Cretaceous			
16786	Solano	Mount Vaca	293	38	Mix Canyon	90-H			Upper Cretaceous			
16787	Solano	Mount Vaca	293	39	Mix Canyon	90-H			Upper Cretaceous			
16788	Solano	Mount Vaca	293	40	Mix Canyon	90-H			Upper Cretaceous			
16789	Solano	Mount Vaca	293	41	Mix Canyon	90-H			Upper Cretaceous			
16790	Solano	Mount Vaca	293	42	Mix Canyon	90-H			Upper Cretaceous			
16791	Solano	Mount Vaca	293	43	Mix Canyon	90-H			Upper Cretaceous			
16792	Solano	Mount Vaca	293	44	Mix Canyon	90-H			Upper Cretaceous			
16793	Solano	Mount Vaca	293	49	Mix Canyon	90-H			Upper Cretaceous			
16794	Solano	Mount Vaca	293	50	Mix Canyon	90-H			Upper Cretaceous			
16795	Solano	Mount Vaca	293	51	Mix Canyon	90-H			Upper Cretaceous			
16796	Solano	Mount Vaca	293	52	Mix Canyon	90-H			Upper Cretaceous			
16797	Solano	Mount Vaca	293	53	Mix Canyon	90-H			Upper Cretaceous			
16798	Solano	Mount Vaca	293	54	Mix Canyon	90-H			Upper Cretaceous			
16799	Solano	Mount Vaca	293	55	Mix Canyon	90-H			Upper Cretaceous			
16800	Solano	Mount Vaca	293	56	Mix Canyon	90-H			Upper Cretaceous			
16801	Solano	Mount Vaca	293	57	Mix Canyon	90-H			Upper Cretaceous			
16802	Solano	Mount Vaca	293	58	Mix Canyon	90-H			Upper Cretaceous			
16803	Solano	Mount Vaca	293	59	Mix Canyon	90-H			Upper Cretaceous			
16804	Solano	Mount Vaca	293	60	Mix Canyon	90-H			Upper Cretaceous			
16805	Solano	Mount Vaca	293	61	Mix Canyon	90-H			Upper Cretaceous			
16806	Solano	Mount Vaca	293	62	Mix Canyon	90-H			Upper Cretaceous			
16807	Solano	Mount Vaca	293	66	Mix Canyon	90-H			Upper Cretaceous			
16808	Solano	Mount Vaca	293	67	Mix Canyon	90-H			Upper Cretaceous			
16809	Solano	Mount Vaca	293	70	Mix Canyon	90-H			Upper Cretaceous			
16810	Solano	Mount Vaca	293	71	Mix Canyon	90-H			Upper Cretaceous			
16811	Solano	Mount Vaca	293	72	Mix Canyon	90-H			Upper Cretaceous			
16812	Solano	Mount Vaca	293	77	Mix Canyon	90-I			Upper Cretaceous			
16813	Solano	Mount Vaca	293	78	Mix Canyon	90-I			Upper Cretaceous			
16814	Solano	Mount Vaca	293	79	Mix Canyon	90-I			Upper Cretaceous			
16815	Solano	Mount Vaca	293	80	Mix Canyon	90-I			Upper Cretaceous			
16816	Solano	Mount Vaca	293	81	Mix Canyon	90-I			Upper Cretaceous			
16817	Solano	Mount Vaca	293	82	Mix Canyon	90-I			Upper Cretaceous			
16818	Solano	Mount Vaca	293	83	Mix Canyon	90-I			Upper Cretaceous			
16819	Solano	Mount Vaca	293	84	Mix Canyon	90-I			Upper Cretaceous			
16820	Solano	Mount Vaca	293	85	Mix Canyon	90-I			Upper Cretaceous			
16821	Solano	Mount Vaca	293	86	Mix Canyon	90-I			Upper Cretaceous			
16822	Solano	Mount Vaca	293	87	Mix Canyon	90-I			Upper Cretaceous			
16823	Solano	Mount Vaca	293	88	Mix Canyon	90-I			Upper Cretaceous			
16824	Solano	Mount Vaca	293	89	Mix Canyon	90-I			Upper Cretaceous			
16825	Solano	Mount Vaca	293	90	Mix Canyon	90-I			Upper Cretaceous			
16826	Solano	Mount Vaca	293	92	Mix Canyon	90-I			Upper Cretaceous			
16827	Solano	Mount Vaca	293	94	Mix Canyon	90-I			Upper Cretaceous			
16828	Solano	Mount Vaca	293	95	Mix Canyon	90-I			Upper Cretaceous			
16829	Solano	Mount Vaca	293	97	Mix Canyon	90-I			Upper Cretaceous			
16830	Solano	Mount Vaca	293	99	Mix Canyon	90-I			Upper Cretaceous			
16831	Solano	Mount Vaca	293	100	Mix Canyon	90-I			Upper Cretaceous			
16832	Solano	Mount Vaca	293	101	Mix Canyon	90-I			Upper Cretaceous			

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1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
16833	Solano	Mount Vaca	293	102	Mix Canyon	90-I			Upper Cretaceous			
16834	Solano	Mount Vaca	293	104	Mix Canyon	90-I			Upper Cretaceous			
16835	Solano	Mount Vaca	293	105	Mix Canyon	90-I			Upper Cretaceous			
16836	Solano	Mount Vaca	293	110	Mix Canyon	90-I			Upper Cretaceous			
16837	Solano	Mount Vaca	293	111	Mix Canyon	90-I			Upper Cretaceous			
16838	Solano	Mount Vaca	293	115	Mix Canyon	90-I			Upper Cretaceous			
16839	Solano	Mount Vaca	293	116	Mix Canyon	90-I			Upper Cretaceous			
16840	Solano	Mount Vaca	293	117	Mix Canyon	90-I			Upper Cretaceous			
16841	Solano	Mount Vaca	293	118	Mix Canyon	90-I			Upper Cretaceous			
16842	Solano	Mount Vaca	293	119	Mix Canyon	90-I			Upper Cretaceous			
16843	Solano	Mount Vaca	293	120	Mix Canyon	90-I			Upper Cretaceous			
16844	Solano	Mount Vaca	293	121	Mix Canyon	90-I			Upper Cretaceous			
16845	Solano	Mount Vaca	293	128	Mix Canyon	90-I			Upper Cretaceous			
16846	Solano	Mount Vaca	293	129	Mix Canyon	90-I			Upper Cretaceous			
16847	Solano	Mount Vaca	293	131	Mix Canyon	90-I			Upper Cretaceous			
16848	Solano	Mount Vaca	293	132	Mix Canyon	90-I			Upper Cretaceous			
16849	Solano	Mount Vaca	293	135	Mix Canyon	90-I			Upper Cretaceous			
16850	Solano	Mount Vaca	293	136	Mix Canyon	90-I			Upper Cretaceous			
16851	Solano	Mount Vaca	293	138	Mix Canyon	90-I			Upper Cretaceous			
16852	Solano	Mount Vaca	293	157	Mix Canyon	90-I			Upper Cretaceous			
16853	Solano	Mount Vaca	293	158	Mix Canyon	90-I			Upper Cretaceous			
16854	Solano	Mount Vaca	293	159	Mix Canyon	90-I			Upper Cretaceous			
16855	Solano	Mount Vaca	293	161	Mix Canyon	90-I			Upper Cretaceous			
16856	Solano	Mount Vaca	293	162	Mix Canyon	90-I			Upper Cretaceous			
16857	Solano	Mount Vaca	293	165	Mix Canyon	90-I			Upper Cretaceous			
16858	Solano	Mount Vaca	293	166	Mix Canyon	90-I			Upper Cretaceous			
16859	Solano	Mount Vaca	293	168	Mix Canyon	90-I			Upper Cretaceous			
16860	Solano	Mount Vaca	293	169	Mix Canyon	90-I			Upper Cretaceous			
16861	Solano	Mount Vaca	293	171	Mix Canyon	90-I			Upper Cretaceous			
16862	Solano	Mount Vaca	293	172	Mix Canyon	90-I			Upper Cretaceous			
16863	Solano	Mount Vaca	293	175	Mix Canyon	90-I			Upper Cretaceous			
16864	Solano	Mount Vaca	293	176	Mix Canyon	90-I			Upper Cretaceous			
16865	Solano	Mount Vaca	293	183	Mix Canyon	90-I			Upper Cretaceous			
16866	Solano	Mount Vaca	293	185	Mix Canyon	90-I			Upper Cretaceous			
16867	Solano	Mount Vaca	293	187	Mix Canyon	90-I			Upper Cretaceous			
16868	Solano	Mount Vaca	293	191	Mix Canyon	90-I			Upper Cretaceous			
16869	Solano	Mount Vaca	293	200	Mix Canyon	90-I			Upper Cretaceous			
16870	Solano	Mount Vaca	293	201	Mix Canyon	90-I			Upper Cretaceous			
16871	Solano	Mount Vaca	293	203	Mix Canyon	90-J			Upper Cretaceous			
16872	Solano	Mount Vaca	613		Pioneer Ranch vic	A-8			Eocene	Kirby		
16873	Solano	Mount Vaca	613		Pioneer Ranch vic	A-8			Eocene	Kirby		
16874	Solano	Mount Vaca	614		Pioneer Ranch vic	A-8			Eocene	Kirby		
16875	Solano	Mount Vaca	615		Pioneer Rch area	A-8			Eocene	Kirby		
16876	Solano	Mount Vaca	617		Pioneer Rch area	A-8			Eocene	Kirby		
16877	Solano	Mount Vaca	617		Pioneer Rch area	A-8			Eocene			
16878	Solano	Mount Vaca	618		Bucktown	A-8	type Vacaville sh		Eocene			
16879	Solano	Mount Vaca	619		Bucktown	A-8	type Vacaville sh		Eocene			
16880	Solano	Mount Vaca	620		Bucktown	A-8	type Vacaville sh		Eocene			
16881	Solano	Mount Vaca	621		Bucktown	A-8	type Vacaville sh		Eocene	Kirby		
16882	Solano?	Mount Vaca	622		area uncertain	A-8			Eocene	Kirby		
16883	Solano	Mount Vaca	634		N of Miller Cyn	A-8			not diagnostic	Kirby		
16884	Solano	Mount Vaca	635		W of Putnam Pk	A-9			Eocene	Kirby		
16885	Solano	Mount Vaca	636		W of Oakdale Sch	A-9			U Cret E zone	Kirby		
16886	Solano	Mount Vaca	5234		Pleasant Valley Rd	129-K	not on map	rads	not diagnostic			
16887	Solano	Mount Vaca	5235		Pleasant Valley Rd	129-K	not on map	rads	not diagnostic			
16888	Solano	Mount Vaca	11100		Vaca Valley	88-N		good fauna	Paleocene E zone	Helm		
16889	Solano	Mount Vaca	11101		Vaca Valley	88-N			Paleocene E zone	Helm		
16890	Solano	Mount Vaca	11102		Vaca Valley	88-N			? Paleocene	Helm		
16891	Solano	Mount Vaca	11103		Vaca Valley	88-N			U Cret?	Helm		
16892	Solano	Mount Vaca	11104		Vaca Valley	88-N			Paleocene E zone	Helm		
16893	Solano	Mount Vaca	11105		Vaca Valley	88-N			?Paleocene E zone	Helm		
16894	Solano	Mount Vaca	11106		Vaca Valley	88-N			Paleocene D zone	Helm		
16895	Solano	Mount Vaca	11107		Vaca Valley	88-N	glau ss		barren	Helm		
16896	Solano	Mount Vaca	11108		Vaca Valley	88-N			Eocene B zone	Helm		
16897	Solano	Mount Vaca	11155	1	Gates Canyon	151-K			Mt Vaca 15'	U Cret F-1 zone	Hornung	
16898	Solano	Mount Vaca	11155	3	Gates Canyon	151-K			Mt Vaca 15'	U Cret G-1 zone	Hornung	
16899	Solano	Mount Vaca	11155	4	Gates Canyon	151-K			Mt Vaca 15'	U Cret G-1 zone	Hornung	
16900	Solano	Mount Vaca	11156	2	NW Pleasants V S	151-M			Mt Vaca 15'	not diagnostic	Hornung	
16901	Solano	Mount Vaca	11157	1	Pleasants Vly	151-M	14/7N/2W	flood rads and	U Cret F-1 zone	Hornung		
16902	Solano	Mount Vaca	11157	2	Pleasants Vly	151-M		diatoms	U Cret F-1 zone	Hornung		
16903	Solano	Mount Vaca	11157	3	Pleasants Vly	151-M			Mt Vaca 15'	U Cret F-1 zone	Hornung	
16904	Solano	Mount Vaca	11158	1	W of Oakdale Sch	151-M			Mt Vaca 15'	Upper Cretaceous	Hornung	
16905	Solano	Mount Vaca	11158	4	W of Oakdale Sch	151-M			Mt Vaca 15'	mixed K and Eoc	Hornung	
16906	Solano	Mount Vaca	13292		S of Putnam Peak	205-N	age based on strat	position	Eocene	Huppi		
16907	Solano	Mount Vaca	13294		S of Oakdale Sch	205-N			Eocene	Huppi		
16908	Solano	Mount Vaca	13295	B	Oakdale School	205-N			Eocene	Huppi		
16909	Solano	Mount Vaca	13296	B	Pleasants Vly Sch	205-N			Eocene	Huppi		
16910	Solano	Mount Vaca	21601		Gates Canyon	228-J			?U Cret G-1 zone	Beck		
16911	Solano	Mount Vaca	21602		Gates Canyon	228-J			?U Cret G-1 zone	Beck		
16912	Solano	Mount Vaca	21603		Gates Canyon	228-J			?U Cret G-2 zone	Beck		
16913	Solano	Mount Vaca	21605		Gates Canyon	228-J			not diagnostic	Beck		
16914	Solano	Mount Vaca	21608		Gates Canyon	228-J			not diagnostic	Beck		
16915	Solano	Mount Vaca	21609		Gates Canyon	228-J			not diagnostic	Beck		
16916	Solano	Mount Vaca	24536	1	Mix Canyon	107-N			no paleo info			
16917	Solano	Mt Vaca	632		Pleasant Ck	A-8			Upper Cretaceous	Kirby		

Chevron data # 2

	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		
16918	Solano	Mt Vaca	5236		Pleasant Valley Rd	129-K	not on map	flood rads	E Eocene A-2 zone			
16919	Humboldt	Myers Flat	22381	11	NE corner of quad	242-F	Weott 15'		Paleocene/Eocene			
16920	Humboldt	Myers Flat	22381	12	NE corner of quad	242-F	Weott 15'		not diagnostic			
16921	Humboldt	Myers Flat	22381	13	NE corner of quad	242-F	Weott 15'		not diagnostic			
16922	Humboldt	Myers Flat	22854	7	NW part of quad	244-G	Weott 15'		Cret/Paleocene			
16923	Humboldt	Myers Flat	22859	3B	NW part of quad	244-G	Weott 15'		Cret/Paleocene			
16924	Humboldt	Myers Flat	22859	4A	NW part of quad	244-G	Weott 15'		Cret/Paleocene			
16925	Humboldt	Myers Flat	22859	4B	NW part of quad	244-G	Weott 15'		Cret/Paleocene			
16926	Humboldt	Myers Flat	22859	6B	NW part of quad	244-G	Weott 15'		poss Delmontian			
16927	Humboldt	Myers Flat	22859	7A	center of quad	244-G	Weott 15'		Cret/Paleocene			
16928	Humboldt	Myers Flat	22859	7B	center of quad	244-G	Weott 15'		Cret/Paleocene			
16929	Humboldt	Myers Flat	22859	8	center of quad	244-G	Weott 15'		Cret/Paleocene			
16930	Riverside	Myoma	2596		NW part of quad	33-F	Thousand Palms 15'		no paleo info			
16931	Riverside	Myoma	2790		NW part of quad	33-F	Thousand Palm 15'	has # 2594	no paleo info			
16932	Riverside	Myoma	2796		NW part of quad	85-L	Thousand Palm 15'		no paleo info			
16933	Napa	Napa	225	RNN2et	not on map	E-7	Sonoma 15'	ostracods	Pleistocene?	RN Nelson		
16934	Napa	Napa	225	3	not on map	E-7	Sonoma 15'		Eocene	RN Nelson		
16935	Napa	Napa	225	4	not on map	E-7	Sonoma 15'		Cret/Paleocene	RN Nelson		
16936	Napa	Napa	225	6	not on map	E-7	Sonoma 15'	ostracods	Pleistocene?	RN Nelson		
16937	Napa	Napa	225	7	not on map	E-7	Sonoma 15'		Pleistocene?	RN Nelson		
16938	Napa	Napa	225	8	not on map	E-7	Sonoma 15'		Pleistocene?	RN Nelson		
16939	Napa	Napa	225	9	not on map	E-7	Sonoma 15'		Pleistocene?	RN Nelson		
16940	Napa	Napa	225	10	not on map	E-7	Sonoma 15'		Pleistocene?	RN Nelson		
16941	Napa	Napa	225	14	not on map	E-7	Sonoma 15'		Cret/Paleocene	RN Nelson		
16942	Napa	Napa	225	15	not on map	E-7	Sonoma 15'		Cretaceous?	RN Nelson		
16943	Napa	Napa	225	16	not on map	E-7	Sonoma 15'		Cretaceous	RN Nelson		
16944	Napa	Napa	225	17	not on map	E-7	Sonoma 15'		Paleocene?	RN Nelson		
16945	Napa	Napa	225	18	not on map	E-7	Sonoma 15'	flood glaucon.	barren	RN Nelson		
16946	Napa	Napa	225	19	not on map	E-7	Sonoma 15'		Cretaceous?	RN Nelson		
16947	Napa	Napa	225	20	not on map	E-7	Sonoma 15'	No notes	barren	RN Nelson		
16948	Napa	Napa	225	21	not on map	E-7	Sonoma 15'	indicating	not diagnostic	RN Nelson		
16949	Napa	Napa	225	22	not on map	E-7	Sonoma 15'	where these	not diagnostic	RN Nelson		
16950	Napa	Napa	225	23	not on map	E-7	Sonoma 15'	samples are	Cret/Paleocene	RN Nelson		
16951	Napa	Napa	225	24	not on map	E-7	Sonoma 15'	from except	Cretaceous	RN Nelson		
16952	Napa	Napa	225	25	not on map	E-7	Sonoma 15'	that #71 is	Eocene?	RN Nelson		
16953	Napa	Napa	225	30	not on map	E-7	Sonoma 15'	from Congress	Cret/Paleocene	RN Nelson		
16954	Napa	Napa	225	33	not on map	E-7	Sonoma 15'	Valley	barren	RN Nelson		
16955	Napa	Napa	225	33A	not on map	E-7	Sonoma 15'		barren	RN Nelson		
16956	Napa	Napa	225	34-1	not on map	E-7	Sonoma 15'		barren	RN Nelson		
16957	Napa	Napa	225	34-2	not on map	E-7	Sonoma 15'		not diagnostic	RN Nelson		
16958	Napa	Napa	225	34-3	not on map	E-7	Sonoma 15'		not diagnostic	RN Nelson		
16959	Napa	Napa	225	35	not on map	E-7	Sonoma 15'		U eocene A-1 zone	RN Nelson		
16960	Napa	Napa	225	36	not on map	E-7	Sonoma 15'		barren	RN Nelson		
16961	Napa	Napa	225	41	not on map	E-7	Sonoma 15'		Miocene	RN Nelson		
16962	Napa	Napa	225	46	not on map	E-7	Sonoma 15'		not diagnostic	RN Nelson		
16963	Napa	Napa	225	49	not on map	E-7	Sonoma 15'		Cret/Paleocene	RN Nelson		
16964	Napa	Napa	225	51	not on map	E-7	Sonoma 15'		Eocene?	RN Nelson		
16965	Napa	Napa	225	52	not on map	E-7	Sonoma 15'		barren	RN Nelson		
16966	Napa	Napa	225	53	not on map	E-7	Sonoma 15'		Eocene	RN Nelson		
16967	Napa	Napa	225	56	not on map	E-7	Sonoma 15'	abun rads	Eocene?	RN Nelson		
16968	Napa	Napa	225	57	not on map	E-7	Sonoma 15'	abun rads	Eocene?	RN Nelson		
16969	Napa	Napa	225	58	not on map	E-7	Sonoma 15'		possibly Eocene	RN Nelson		
16970	Napa	Napa	225	59	not on map	E-7	Sonoma 15'		possibly Eocene	RN Nelson		
16971	Napa	Napa	225	60	not on map	E-7	Sonoma 15'		not diagnostic	RN Nelson		
16972	Napa	Napa	225	61	not on map	E-7	Sonoma 15'		Eocene	RN Nelson		
16973	Napa	Napa	225	62	not on map	E-7	Sonoma 15'		not diagnostic	RN Nelson		
16974	Napa	Napa	225	63	not on map	E-7	Sonoma 15'		not diagnostic	RN Nelson		
16975	Napa	Napa	225	64	not on map	E-7	Sonoma 15'		Eocene	RN Nelson		
16976	Napa	Napa	225	65	not on map	E-4	Sonoma 15'		barren	RN Nelson		
16977	Napa	Napa	225	66	not on map	E-4	Sonoma 15'		possibly Eocene	RN Nelson		
16978	Napa	Napa	225	67	not on map	E-4	Sonoma 15'		possibly Eocene	RN Nelson		
16979	Napa	Napa	225	68	not on map	E-4	Sonoma 15'		possibly Eocene	RN Nelson		
16980	Napa	Napa	225	69	not on map	E-4	Sonoma 15'		possibly Eocene	RN Nelson		
16981	Napa	Napa	225	70	not on map	E-4	Sonoma 15'		possibly Eocene	RN Nelson		
16982	Napa	Napa	225	71	not on map	E-5	Sonoma 15'		barren	RN Nelson		
16983	Napa	Napa	225	72	not on map	E-6	Sonoma 15'		possibly Eocene	RN Nelson		
16984	Napa	Napa	225	73	not on map	E-7	Sonoma 15'		possibly Eocene	RN Nelson		
16985	Napa	Napa	13781		Redwood Canyon	114-C	Sonoma 15'		Cretaceous	Beck		
16986	Napa	Napa	21638		Redwood Road	228-K			U Cret H zone	Beck		
16987	Napa	Napa	21640		Redwood Road	228-K			poss Paleocene	Beck		
16988	Napa	Napa	21641		NE of Redwood Rd	228-K			U Cret H zone	Beck		
16989	Napa	Napa	21641	B	NE of Redwood Rd	228-K			U Cret H zone	Beck		
16990	Napa	Napa	21642		Browns Vly Road	228-K			not diagnostic	Beck		
16991	Napa	Napa	21642	B	Browns Vly Road	228-K			not diagnostic	Beck		
16992	Napa	Napa	21645		Buhman Avenue	228-K			Cretaceous	Beck		
16993	Napa	Napa	21646		Brown Valley	228-K			Cretaceous	Beck		
16994	Napa	Napa	21647		Redwood Road	228-K			Cretaceous	Beck		
16995	Napa	Napa	21649		Grant Boundary	228-K			Cretaceous	Beck		
16996	Napa	Napa	21650		Henry Road	228-K			Cretaceous	Beck		
16997	Napa	Napa	21675	B	Buhman Avenue	103-K	Sonoma 15'		not diagnostic	Beck		
16998	Napa	Napa	21676		W of Westwood Sc	103-K	Sonoma 15'		Eocene B zone	Beck		
16999	Napa	Napa	21677	A	Redwood Road	103-K	Sonoma 15'		Eocene B zone	Beck		
17000	Napa	Napa	22958	A	Carneros Valley	202-B	area E-3, E-5		L? Cretaceous	Lyon		
17001	Napa	Napa	22958	B	Carneros Valley	202-B	Sonoma 15'		L? Cretaceous	Lyon		
17002	Napa	Napa	22968		SE part of quad	202-B	Sonoma 15'		prob U Miocene	Lyon		

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/AGE	COLLECTORS		
17003	Napa	Napa	28622		Carneros Vly area	25-B			no paleo info	Polugar		
17004	Napa	Napa	28623		Carneros Vly area	25-B			no paleo info	Polugar		
17005	Napa	Napa	28624	1A	Carneros Vly area	25-B			no paleo info	Polugar		
17006	Napa	Napa	28625		Carneros Vly area	25-B			no paleo info	Polugar		
17007	Napa	Napa	28627	1A	Carneros Vly area	25-B			no paleo info	Polugar		
17008	Napa	Napa	28627	1B	Carneros Vly area	25-B			no paleo info	Polugar		
17009	Napa	Napa	28627	1C	Carneros Vly area	25-B			no paleo info	Polugar		
17010	San Luis Obispo	New Cuyama	1399		center of quad	40-G			no paleo info	Darke		
17011	Santa Barbara	New Cuyama	1736		SW part of quad	40-M	Salisbury Cyn 15'		no paleo info	Klemme		
17012	Santa Barbara	New Cuyama	2074		SW part of quad	82-B	Salisbury Cyn 15'		no paleo info	Papp		
17013	Santa Barbara	New Cuyama	2245	A	SW part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
17014	Santa Barbara	New Cuyama	2245	B	SW part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
17015	Santa Barbara	New Cuyama	2246		SW part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
17016	Santa Barbara	New Cuyama	2247		SW part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
17017	San Luis Obispo	New Cuyama	2651		NE part of quad	89-M	Salisbury Cyn 15'		no paleo info	Papp		
17018	San Luis Obispo	New Cuyama	2655		NE part of quad	89-M	Salisbury Cyn 15'		no paleo info	Papp		
17019	Santa Barbara	New Cuyama	17676		SW corner of quad	189-C	Salisbury Cyn 15'		no paleo info			
17020	Santa Barbara	New Cuyama	17677		not found	189-C	Salisbury Cyn 15'		no paleo info			
17021	Santa Barbara	New Cuyama	17678		not found	189-C	Salisbury Cyn 15'		no paleo info			
17022	Santa Barbara	New Cuyama	21092		SW corner quad	189-C	Salisbury Cyn 15'		no paleo info			
17023	Santa Barbara	New Cuyama	21093		SW corner quad	189-C	Salisbury Cyn 15'		no paleo info			
17024	Santa Barbara	New Cuyama	21094		SW corner quad	189-C	Salisbury Cyn 15'		no paleo info			
17025	Santa Barbara	New Cuyama	21095		SW corner quad	189-C	Salisbury Cyn 15'		no paleo info			
17026	Santa Barbara	New Cuyama?	1638		not found	40-L	Hard to tell which	set belongs in	no paleo info	Klemme		
17027	Santa Barbara	New Cuyama?	1639		not found	40-L	Nipomo and which	in Salisbury	no paleo info	Klemme		
17028	San Luis Obispo	New Cuyama?	1640		not found	40-L	paleo reports.	age from map	no paleo info	Klemme		
17029	Santa Barbara	New Cuyama?	1643		not found	40-L			no paleo info	Klemme		
17030	Ventura	Newbury Park	1025		Arroyo Conejo	5-A			Miocene			
17031	Ventura	Newbury Park	1026		Arroyo Conejo	5-A			Miocene			
17032	Ventura	Newbury Park	1027		Arroyo Conejo	5-A			Miocene			
17033	Los Angeles	Newhall	100	1	SW corner of quad	18-H	old Pico Quad		no age provided			
17034	Los Angeles	Newhall	100	2	SW corner of quad	18-H			no age provided			
17035	Los Angeles	Newhall	100	3	SW corner of quad	18-H			no age provided			
17036	Los Angeles	Newhall	100	4	SW corner of quad	18-H			no age provided			
17037	Los Angeles	Newhall	100	5	SW corner of quad	18-H			no age provided			
17038	Los Angeles	Newhall	100	6	SW corner of quad	18-H			no age provided			
17039	Los Angeles	Newhall	100	7	SW corner of quad	18-H			no age provided			
17040	Los Angeles	Newhall	100	8	SW corner of quad	18-H			no age provided			
17041	Los Angeles	Newhall	100	9	SW corner of quad	18-H			no age provided			
17042	Los Angeles	Newhall	100	10	SW corner of quad	18-H			no age provided			
17043	Los Angeles	Newhall	2235		Pico Canyon	18-E			no paleo info			
17044	Los Angeles	Newhall	2237		Pico Canyon	18-E			no paleo info			
17045	Los Angeles	Newhall	2238		Pico Canyon	18-E	sa Oat Mtn		M Miocene?			
17046	Los Angeles	Newhall	2239		Pico Canyon	18-E			barren			
17047	Los Angeles	Newhall	2240		Pico Canyon	18-E			barren			
17048	Los Angeles	Newhall	2241		Pico Canyon	18-E			Luisian			
17049	Los Angeles	Newhall	2241		Pico Canyon	18-E			Luisian			
17050	Los Angeles	Newhall	2242		Pico Canyon	18-E			indeterminate			
17051	Los Angeles	Newhall	2243		Pico Canyon	18-E			no paleo info			
17052	Los Angeles	Newhall	2244		Pico Canyon	18-E			indeterminate			
17053	Los Angeles	Newhall	2245		Pico Canyon	18-E			no paleo info			
17054	Los Angeles	Newhall	2246		Pico Canyon	18-E			no paleo info			
17055	Los Angeles	Newhall	2265		Pico (site)	18-E		shallow water	ostracods etc			
17056	Los Angeles	Newhall	3782		Haskell Canyon	84-J			no paleo info			
17057	Los Angeles	Newhall	3783		Haskell Canyon	84-J			no paleo info			
17058	Los Angeles	Newhall	3784		S Francisquito Cyr	84-J			no paleo info			
17059	Los Angeles	Newhall	3785		Dry Cyn Reservoir	84-J			no paleo info			
17060	Stanislaus	Newman	23912	1	SW corner quad	177-M			no paleo info			
17061	Stanislaus	Newman	23912	2	SW corner quad	177-M			no paleo info			
17062	Stanislaus	Newman	23912	3	SW corner quad	177-M			no paleo info			
17063	Orange	Newport Beach	651	E3	E Newport Bay	86-E		slide age	Pliocene			
17064	Orange	Newport Beach	651	5	E Newport Bay	81-N		age from map	Middle Miocene			
17065	Orange	Newport Beach	651	11	E Newport Bay	81-N		age from map	Middle Miocene			
17066	Orange	Newport Beach	651	12	E Newport Bay	81-N		age from map	Middle Miocene			
17067	Orange	Newport Beach	651	13	E Newport Bay	81-N		age from map	Middle Miocene			
17068	Orange	Newport Beach	651	16	E Newport Bay	81-N		age from map	Middle Miocene			
17069	Orange	Newport Beach	651	17	E Newport Bay	81-N		age from map	Middle Miocene			
17070	Orange	Newport Beach	651	18	E Newport Bay	81-N		age from map	Middle Miocene			
17071	Orange	Newport Beach	651	19	E Newport Bay	81-N		age from map	Middle Miocene			
17072	Orange	Newport Beach	651	21	E Newport Bay	81-N		age from map	Middle Miocene			
17073	Orange	Newport Beach	651	22	E Newport Bay	81-N		age from map	Middle Miocene			
17074	Orange	Newport Beach	651	23	E Newport Bay	81-N		age from map	Middle Miocene			
17075	Orange	Newport Beach	651	24	E Newport Bay	81-N		age from map	Middle Miocene			
17076	Orange	Newport Beach	651	25	E Newport Bay	81-N		age from map	Middle Miocene			
17077	Orange	Newport Beach	651	26	E Newport Bay	81-N		age from map	Middle Miocene			
17078	Orange	Newport Beach	651	27	E Newport Bay	81-N		age from map	Middle Miocene			
17079	Orange	Newport Beach	6374		Near landing field	48-I			Mohian			
17080	Tehama	Newville	674	1	Stony Creek	149-H	Paskenta 15'	strat column	U Jurassic M zone	Vaughan		
17081	Tehama	Newville	674	2	Stony Creek	149-H	Paskenta 15'	and foram	U Jurassic M zone	Vaughan		
17082	Tehama	Newville	674	3	Stony Creek	149-H	Paskenta 15'	check list	U Jurassic M zone	Vaughan		
17083	Tehama	Newville	674	4	Stony Creek	149-H	Paskenta 15'		U Jurassic M zone	Vaughan		
17084	Tehama	Newville	674	5	Stony Creek	149-H	Paskenta 15'		U Jurassic M zone	Vaughan		
17085	Tehama	Newville	674	6	Stony Creek	149-H	Paskenta 15'		U Jurassic M zone	Vaughan		
17086	Tehama	Newville	674	7	Stony Creek	149-H	Paskenta 15'		U Jurassic M zone	Vaughan		

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		
17172	San Luis Obispo	Nipomo	1795		Loma Pelona	69-C			Lower Mohnian	Newbill		
17173	San Luis Obispo	Nipomo	1797		Loma Pelona	69-C			not diagnostic	Newbill		
17174	San Luis Obispo	Nipomo	1798		EC part of quad	69-C			not diagnostic	Newbill		
17175	San Luis Obispo	Nipomo	1799		Loma Pelona	69-C			Relizian	Newbill		
17176	San Luis Obispo	Nipomo	1800		Loma Pelona	69-C			Relizian	Newbill		
17177	San Luis Obispo	Nipomo	1805		SW part of quad	69-C	Nipomo 15'		not diagnostic	ETR		
17178	San Luis Obispo	Nipomo	1914		Porter Ranch area	69-E	Nipomo 15'		Middle Mohnian	Newbill		
17179	San Luis Obispo	Nipomo	1915		Porter Ranch area	69-E	Nipomo 15'		Middle Mohnian	Newbill		
17180	San Luis Obispo	Nipomo	1933		Loma Pelona	69-E	Nipomo 15'		Lower Relizian	Newbill		
17181	San Luis Obispo	Nipomo	1993		SE part of quad	69-F	Nipomo 15'		barren	Newbill		
17182	San Luis Obispo	Nipomo	11484		S of Templeton	79-J	Nipomo 15'		Middle Miocene	Kistler		
17183	San Luis Obispo	Nipomo	11485		Asuncion	79-J	Nipomo 15'		not diagnostic	Kistler		
17184	San Luis Obispo	Nipomo	11486		S of Loma Pelona	79-J	Nipomo 15'	limestone	Miocene	Moberly		
17185	San Luis Obispo	Nipomo?	1804		not found	69-C	Nipomo 15'		Lower Luisian	ETR		
17186	San Luis Obispo	Nipomo?	1806		not found	69-C	Nipomo 15'		Zem/Saucesian	ETR		
17187	Not found	not found	1773		Carrizo Plain	73-J		fair fauna	no paleo info	Kriz		
17188	Not found	not found	1775		Carrizo Plain	73-J		good fauna	no paleo info	Kriz		
17189	Not found	not found	1776		Carrizo Plain	73-J		fair fauna	no paleo info	Kriz		
17190	Kern	not found	2400		Santos Creek	82-D			no paleo info	Ivanhoe		
17191	Kern	not found	2402		Santos Creek	82-D			no paleo info	Ivanhoe		
17192	Kern	not found	2415		Santos Creek	82-E			no paleo info			
17193	San Benito	not found	3459	A	not on map	140-F	Vallecitos syncline	age from lab	Refugian	Meditz &		
17194	San Benito	not found	3473		not on map	140-G	Vallecitos syncline		no paleo info	Meditz &		
17195	San Benito	not found	3477		not on map	140-G	Vallecitos syncline	age from lab	barren	Meditz &		
17196	San Benito	not found	3478		not on map	140-G	Vallecitos syncline	age from lab	Eocene C zone	Meditz &		
17197	San Benito	not found	3479		not on map	140-G	Vallecitos syncline	age from lab	barren	Meditz &		
17198	San Benito	not found	3482		not on map	140-G	Vallecitos syncline		no paleo info	Meditz &		
17199	San Benito	not found	3485		not on map	140-G	Vallecitos syncline		no paleo info	Meditz &		
17200	Monterey	not found	7185		not found	12-K	King City 15'		Mohnian	Ortalda		
17201	Santa Cruz	not found	7438		S Cruz Mtns	147-C	Palo Alto 15'		not diagnostic	Flege		
17202	Santa Cruz	not found	7439		S Cruz Mtns	147-C	Palo Alto 15'	molds	Upper Zemorrian	Flege		
17203	Santa Cruz	not found	7441		S Cruz Mtns	147-C	Los Gatos 15'		Lower Zemorrian	Kraetsch		
17204	Monterey	not found	8632			81-J			Eocene	Stanford		
17205	Monterey	not found	8640			81-J			Luisian	Stanford		
17206	Los Angeles	not found	9067	29		80-A	San Fernando Vly		not diagnostic			
17207	Los Angeles	not found	9067	32		80-A	San Fernando Vly		Middle Mohnian			
17208	Los Angeles	not found	9067	33		80-A	San Fernando Vly		Middle Mohnian			
17209	Los Angeles	not found	9067	34		80-A	San Fernando Vly		Mohnian			
17210	Los Angeles	not found	9067	38		80-A	San Fernando Vly		Mohnian			
17211	not found	not found	11214	RM-9	S Cruz Mtns	B-1	McCullom #9		Zemorrian	McCullom		
17212	Mendocino	not found	13309		not found	142-H			no paleo info	Hardy		
17213	Mendocino	not found	13314	2	not found	142-H			no paleo info	Hardy		
17214	Mendocino	not found	13317		not found	142-H			no paleo info	Hardy		
17215	Mendocino	not found	13322		not found	142-H			no paleo info	Hardy		
17216	Mendocino	not found	13325		not found	142-H	Pt Arena 15'		no paleo info	Hardy		
17217	Contra Costa	not found	21490		Mt Diablo	53-D		nice fauna	no paleo info	Berry		
17218	Alameda	not found	21525		Altamont Pass	226-D			no paleo info	Colburn		
17219	Alameda	not found	21527		Altamont Pass	226-D			no paleo info	Colburn		
17220	Alameda	not found	21577		not found	226-E			U Cret F-2 zone	Colburn		
17221	Alameda	not found	21600		see # 13721	226-E		flood rads	U Cret G zone	Colburn		
17222	Monterey	not found	23375		Salinas Valley	252-G		has Siphon	no paleo info	Gregory		
17223	Shasta	Oak Run	7594	1	Oak Run Creek	154-I	see strat column	33N/2W	barren	Welge		
17224	Shasta	Oak Run	7594	2	Oak Run Creek	154-I	Millville 15'	see loc 750	barren	Welge		
17225	Shasta	Oak Run	7594	3	Oak Run Creek	154-I	Millville 15'		barren	Welge		
17226	Shasta	Oak Run	7594	6	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
17227	Shasta	Oak Run	7594	7	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
17228	Shasta	Oak Run	7594	8	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
17229	Shasta	Oak Run	7594	11	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
17230	Shasta	Oak Run	7594	11RW	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
17231	Shasta	Oak Run	7594	13	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
17232	Shasta	Oak Run	7594	14	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
17233	Shasta	Oak Run	7594	15	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
17234	Shasta	Oak Run	7594	16	Oak Run Creek	154-I	Millville 15'		U Cret F-1/G-1	Welge		
17235	Shasta	Oak Run	7594	17	Oak Run Creek	154-I	Millville 15'		U Cret F-1/G-1	Welge		
17236	Shasta	Oak Run	7594	18	Oak Run Creek	154-I	Millville 15'		U Cret F-1/G-1	Welge		
17237	Shasta	Oak Run	7594	19	Oak Run Creek	154-I	Millville 15'		U Cret F-1/G-1	Welge		
17238	Shasta	Oak Run	7594	20	Oak Run Creek	154-I	Millville 15'		U Cret F-1/G-1	Welge		
17239	Shasta	Oak Run	7594	21	Oak Run Creek	154-I	Millville 15'		U Cret F-1/G-1	Welge		
17240	Shasta	Oak Run	7594	23	Oak Run Creek	154-I	Millville 15'		U Cret F-1/G-1	Welge		
17241	Shasta	Oak Run	7594	24	Oak Run Creek	154-I	Millville 15'		U Cret F-1/G-1	Welge		
17242	Shasta	Oak Run	7594	25	Oak Run Creek	154-I	Millville 15'		U Cret F-1/G-1	Welge		
17243	Shasta	Oak Run	7594	26	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
17244	Shasta	Oak Run	7594	27	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
17245	Shasta	Oak Run	7594	28	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
17246	Shasta	Oak Run	7594	33	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
17247	Shasta	Oak Run	7594	34	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
17248	Shasta	Oak Run	7594	35	Oak Run Creek	154-I	Millville 15'		U Cret G-1 zone	Welge		
17249	Shasta	Oak Run	7594	36	Oak Run Creek	154-I	Millville 15'		U Cret G-1 zone	Welge		
17250	Shasta	Oak Run	7594	37	Oak Run Creek	154-I	Millville 15'		U Cret G-1 zone	Welge		
17251	Shasta	Oak Run	7594	38	Oak Run Creek	154-I	Millville 15'		U Cret G-1 zone	Welge		
17252	Shasta	Oak Run	7594	42	Oak Run Creek	154-I	Millville 15'		U Cret G-1 zone	Welge		
17253	Shasta	Oak Run	7594	43	Oak Run Creek	154-I	Millville 15'		U Cret G-1 zone	Welge		
17254	Shasta	Oak Run	7594	45	Oak Run Creek	154-I	Millville 15'		not diagnostic	Welge		
17255	Shasta	Oak Run	7594	46	Oak Run Creek	154-I	Millville 15'		U Cret F-1/G-1	Welge		
17256	Shasta	Oak Run	7594	47	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		
17257	Shasta	Oak Run	7594	48	Oak Run Creek	154-I	Millville 15'		not diagnostic	Weige		
17258	Shasta	Oak Run	7594	49	Oak Run Creek	154-I	Millville 15'		not diagnostic	Weige		
17259	Shasta	Oak Run	7594	50	Oak Run Creek	154-I	Millville 15'		not diagnostic	Weige		
17260	Shasta	Oak Run	7594	51	Oak Run Creek	154-I	Millville 15'		not diagnostic	Weige		
17261	Shasta	Oak Run	7594	52	Oak Run Creek	154-I	Millville 15'		not diagnostic	Weige		
17262	Shasta	Oak Run	7594	53A	Oak Run Creek	154-I	Millville 15'		not diagnostic	Weige		
17263	Shasta	Oak Run	7594	53B	Oak Run Creek	154-I	Millville 15'		not diagnostic	Weige		
17264	Shasta	Oak Run	7597	1	Swede Creek	148-H	see strat column	32/33N/2W	U Cret H zone	Weige		
17265	Shasta	Oak Run	7597	2	Swede Creek	148-H	loc # 750		U Cret H zone	Weige		
17266	Shasta	Oak Run	7597	3A	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17267	Shasta	Oak Run	7597	3B	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17268	Shasta	Oak Run	7597	4A	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17269	Shasta	Oak Run	7597	4B	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17270	Shasta	Oak Run	7597	4C	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17271	Shasta	Oak Run	7597	6	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17272	Shasta	Oak Run	7597	6A	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17273	Shasta	Oak Run	7597	7	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17274	Shasta	Oak Run	7597	8	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17275	Shasta	Oak Run	7597	9	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17276	Shasta	Oak Run	7597	10	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17277	Shasta	Oak Run	7597	11	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17278	Shasta	Oak Run	7597	12	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17279	Shasta	Oak Run	7597	13	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17280	Shasta	Oak Run	7597	14	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17281	Shasta	Oak Run	7597	15	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17282	Shasta	Oak Run	7597	16	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17283	Shasta	Oak Run	7597	17	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17284	Shasta	Oak Run	7597	18	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17285	Shasta	Oak Run	7597	19	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17286	Shasta	Oak Run	7597	20	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17287	Shasta	Oak Run	7597	21	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17288	Shasta	Oak Run	7597	22	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17289	Shasta	Oak Run	7597	23	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17290	Shasta	Oak Run	7597	24	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17291	Shasta	Oak Run	7597	25	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17292	Shasta	Oak Run	7597	26	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17293	Shasta	Oak Run	7597	27	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17294	Shasta	Oak Run	7597	28	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17295	Shasta	Oak Run	7597	29	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17296	Shasta	Oak Run	7597	30	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17297	Shasta	Oak Run	7597	31	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17298	Shasta	Oak Run	7597	32	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17299	Shasta	Oak Run	7597	33A	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17300	Shasta	Oak Run	7597	33B	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17301	Shasta	Oak Run	7597	34	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17302	Shasta	Oak Run	7597	35	Swede Creek	148-H	Millville 15'		U Cret H zone	Weige		
17303	Shasta	Oak Run	7597	36	Swede Creek	148-H	Millville 15'		U Cret G-1 zone	Weige		
17304	Shasta	Oak Run	7597	37	Swede Creek	148-H	Millville 15'		U Cret G-1 zone	Weige		
17305	Shasta	Oak Run	8791		Oak Run Creek	148-I	Millville 15'	not on map	U Cret F-1/G-1	Weige		
17306	Shasta	Oak Run	11119	1	Clover Creek	151-E	Millville 15'	not on map	U Cret G-1 zone	Weige		
17307	Shasta	Oak Run	234	R-1 etc	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
17308	Shasta	Oak Run	234	2	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
17309	Shasta	Oak Run	234	3	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
17310	Shasta	Oak Run	234	4	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
17311	Shasta	Oak Run	234	5	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
17312	Shasta	Oak Run	234	6	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
17313	Shasta	Oak Run	234	7	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
17314	Shasta	Oak Run	234	8	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
17315	Shasta	Oak Run	234	9	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
17316	Shasta	Oak Run	234	10	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
17317	Shasta	Oak Run	234	11	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
17318	Shasta	Oak Run	234	13	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
17319	Shasta	Oak Run	234	14	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
17320	Shasta	Oak Run	234	15	Oak Run Creek	152-J	Millville 15'	not on map	not diagnostic	Solari		
17321	Shasta	Oak Run	234	17	Oak Run Creek	152-J	Millville 15'	not on map	planktic Cret	Solari		
17322	Shasta	Oak Run	234	18	Oak Run Creek	152-J	Millville 15'	not on map	no paleo info	Solari		
17323	Shasta	Oak Run	234	19	Oak Run Creek	152-J	Millville 15'	not on map	Cretaceous	Solari		
17324	Shasta	Oak Run	234	20	Oak Run Creek	152-J	Millville 15'	not on map	planktic Cret	Solari		
17325	Shasta	Oak Run	237	R43 etc	Little Cow Creek	148-N	Millville 15'	not on map	planktic Cret	Solari		
17326	Shasta	Oak Run	237	44	Little Cow Creek	148-N	Millville 15'	not on map	not diagnostic	Solari		
17327	Shasta	Oak Run	237	45	Little Cow Creek	148-N	Millville 15'	not on map	not diagnostic	Solari		
17328	Shasta	Oak Run	237	46	Little Cow Creek	148-N	Millville 15'	not on map	not diagnostic	Solari		
17329	Shasta	Oak Run	237	47	Little Cow Creek	148-N	Millville 15'	not on map	planktic Cret	Solari		
17330	Shasta	Oak Run	237	48	Little Cow Creek	148-N	Millville 15'	not on map	not diagnostic	Solari		
17331	Shasta	Oak Run	237	49	Little Cow Creek	148-N	Millville 15'	not on map	not diagnostic	Solari		
17332	Shasta	Oak Run	237	50	Little Cow Creek	148-N	Millville 15'	not on map	planktic Cret	Solari		
17333	Shasta	Oak Run	237	51	Little Cow Creek	148-N	Millville 15'	not on map	planktic Cret	Solari		
17334	Shasta	Oak Run	237	52	Little Cow Creek	148-N	Millville 15'	not on map	not diagnostic	Solari		
17335	Shasta	Oak Run?	11145	11-1	Dry Creek	151-J	Millville 15'	Not on map	not diagnostic	Weige		
17336	Shasta	Oak Run?	11145	11-2	Dry Creek	151-J	Millville 15'	Not on map	U Cret H zone	Weige		
17337	Contra Costa	Oakland East	18734	1	center of quad	79-F	S of Eastport	auger holes E:	Paleocene E zone			
17338	Contra Costa	Oakland East	18734	2	center of quad	79-F	S of Eastport	auger holes E:	Paleocene E zone			
17339	Contra Costa	Oakland East	18734	3	center of quad	79-F	S of Eastport	auger holes E:	Paleocene E zone			
17340	Contra Costa	Oakland East	18734	4	center of quad	79-F	S of Eastport	auger holes E:	Paleocene E zone			
17341	Contra Costa	Oakland East	18734	5	center of quad	79-F	S of Eastport	auger holes E:	Paleocene E 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		
17342	Contra Costa	Oakland East	18734	6	center of quad	79-F	S of Eastport	auger holes E	Paleocene E zone			
17343	Contra Costa	Oakland East	18734	7	center of quad	79-F	S of Eastport	auger holes E	Paleocene E zone			
17344	Contra Costa	Oakland East	18734	8	center of quad	79-F	S of Eastport	auger holes E	Paleocene E zone			
17345	Contra Costa	Oakland East	18735	1	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
17346	Contra Costa	Oakland East	18735	3	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
17347	Contra Costa	Oakland East	18735	4	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
17348	Contra Costa	Oakland East	18735	5	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
17349	Contra Costa	Oakland East	18735	6	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
17350	Contra Costa	Oakland East	18735	7	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
17351	Contra Costa	Oakland East	18735	10	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
17352	Contra Costa	Oakland East	18735	10A	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
17353	Contra Costa	Oakland East	18735	11A	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
17354	Contra Costa	Oakland East	18735	11B	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
17355	Contra Costa	Oakland East	18735	12	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
17356	Contra Costa	Oakland East	18735	13	center of quad	79-F	San Leandro Res	auger holes E	not diagnostic			
17357	Contra Costa	Oakland East	18737	1A	not found	89-C		auger holes E	no paleo info			
17358	Contra Costa	Oakland East	18737	1B	not found	89-C		auger holes E	no paleo info			
17359	Contra Costa	Oakland East	18737	2	not found	89-C		auger holes E	no paleo info			
17360	Contra Costa	Oakland East	18737	2A	not found	89-C		auger holes E	no paleo info			
17361	Contra Costa	Oakland East	18737	2B	not found	89-C		auger holes E	no paleo info			
17362	Contra Costa	Oakland East	18737	34A	not found	89-C		auger holes E	no paleo info			
17363	Contra Costa	Oakland East	18737	4B	not found	89-C		auger holes E	no paleo info			
17364	Contra Costa	Oakland East	18737	56B	not found	89-C		auger holes E	no paleo info			
17365	Contra Costa	Oakland East	18737	6C	not found	89-C		auger holes E	no paleo info			
17366	Alameda	Oakland East	18751		auger area E-2	236-N	NW corner quad		no paleo info			
17367	Alameda	Oakland East	18752		auger area E-2	236-N	NW corner quad		no paleo info			
17368	Alameda	Oakland East	18753		auger area E-2	236-N	NW corner quad		no paleo info			
17369	Alameda	Oakland East	18754		auger area E-2	236-N	NW corner quad		no paleo info			
17370	Alameda	Oakland East	18759		auger area E-2	236-N	NW corner quad		no paleo info			
17371	Contra Costa	Oakland East	22929		San Pablo Res.	202-B	good fauna	pseudo G-1	U Cret E/F zones	Lyon		
17372	Contra Costa	Oakland East	23108		Pinehurst Road	26-L		pseudo G-1	U Cret D/E zone	Lyon & N		
17373	Alameda	Oakland East	23109		Pinehurst Road	26-L		area E-2	Upper Cretaceous	Lyon & N		
17374	Alameda	Oakland East	23110		Pinehurst Road	26-L			Upper Cretaceous	Lyon & N		
17375	Alameda	Oakland East	23111		Pinehurst Road	26-L		pseudo G-1	U Cret D/E zone	Lyon & N		
17376	Alameda	Oakland East	23112		Pinehurst Road	26-L		pseudo G-1	U Cret D/E zone	Lyon & N		
17377	Alameda	Oakland East	23113		Redwood Canyon	26-L			not diagnostic	Lyon & N		
17378	Alameda	Oakland East	23114		Redwood Canyon	26-L			not diagnostic	Lyon & N		
17379	Alameda	Oakland East	23115		Redwood Canyon	26-L			not diagnostic	Lyon & N		
17380	Alameda	Oakland East	23117		Redwood Canyon	26-L			U Cret D/E zone	Lyon & N		
17381	San Diego	Oasis	10029		SW part of quad	22-D	Rabbit Peak 15'	Imperial Fm	Miocene			
17382	San Diego	Oasis	10132	1	SW part of quad	87-B	Rabbit Peak 15'	prob Imperial	Miocene			
17383	San Diego	Oasis	10132	2	SW part of quad	87-B	Rabbit Peak 15'	prob Imperial	Miocene			
17384	San Diego	Oasis	10132	3	SW part of quad	87-B	Rabbit Peak 15'	prob Imperial	Miocene			
17385	Los Angeles	Oat Mountain	332	4	center of quad	45-N			poss Mohnian			
17386	Los Angeles	Oat Mountain	332	5	center of quad	45-N			Luisian			
17387	Los Angeles	Oat Mountain	332	7	center of quad	45-N			no paleo info			
17388	Los Angeles	Oat Mountain	332	8	center of quad	45-N			no paleo info			
17389	Los Angeles	Oat Mountain	332	9	center of quad	45-N			Luisian			
17390	Los Angeles	Oat Mountain	332	13	center of quad	45-N			no paleo info			
17391	Los Angeles	Oat Mountain	332	17	center of quad	45-N			Mohnian			
17392	Los Angeles	Oat Mountain	368	1	Wiley Canyon	48-H			Mohnian			
17393	Los Angeles	Oat Mountain	368	2	Wiley Canyon	48-H			not diagnostic			
17394	Los Angeles	Oat Mountain	368	3	Wiley Canyon	48-H			not diagnostic			
17395	Los Angeles	Oat Mountain	368	4	Wiley Canyon	48-H			not diagnostic			
17396	Los Angeles	Oat Mountain	368	5	Wiley Canyon	48-H			not diagnostic			
17397	Los Angeles	Oat Mountain	368	5A	Wiley Canyon	48-H			not diagnostic			
17398	Los Angeles	Oat Mountain	368	6	Wiley Canyon	48-H			Mohnian			
17399	Los Angeles	Oat Mountain	2247		Lyon Canyon	18-E			no paleo info			
17400	Los Angeles	Oat Mountain	2408	bag 1	not on map but	18-G	quad name on slide		Eocene			
17401	Los Angeles	Oat Mountain	2408	bag 2	not on map but	18-G	quad name on slide		Eocene			
17402	Los Angeles	Oat Mountain	2409		not on map but	18-G	quad name on slide		Lower Mohnian			
17403	Los Angeles	Oat Mountain	2410		not on map but	18-G	quad name on slide		Eocene			
17404	Los Angeles	Oat Mountain	2411		not on map but	18-G	quad name on slide		Luisian			
17405	Los Angeles	Oat Mountain	2412		not on map but	18-G	quad name on slide		?Luisian			
17406	Los Angeles	Oat Mountain	2413		not on map but	18-G	quad name on slide		Paleocene			
17407	Los Angeles	Oat Mountain	2413	bag 1	not on map but	18-G	quad name on slide		Paleocene			
17408	Los Angeles	Oat Mountain	2413	bag 2	not on map but	18-G	quad name on slide		Paleocene			
17409	Los Angeles	Oat Mountain	2413		not on map but	18-G	quad name on slide		Paleocene			
17410	Los Angeles	Oat Mountain	2414		not on map but	18-G	quad name on slide		not diagnostic			
17411	Los Angeles	Oat Mountain	2414	rsampl	not on map but	18-G	quad name on slide		not diagnostic			
17412	Los Angeles	Oat Mountain	2415	rsampl	not on map but	18-G	quad name on slide		Eocene			
17413	Los Angeles	Oat Mountain	2415		not on map but	18-G	quad name on slide		Eocene			
17414	Los Angeles	Oat Mountain	2416		not on map but	18-G	quad name on slide		barren			
17415	Los Angeles	Oat Mountain	2416	bag 1	not on map but	18-G	quad name on slide		barren			
17416	Los Angeles	Oat Mountain	2416	bag 2	not on map but	18-G	quad name on slide		barren			
17417	Los Angeles	Oat Mountain	2417		not on map but	18-G	quad name on slide		Paleocene			
17418	Los Angeles	Oat Mountain	2418		not on map but	18-G	quad name on slide		Eocene			
17419	Los Angeles	Oat Mountain	2418	bag 2	not on map but	18-G	quad name on slide		Eocene			
17420	Los Angeles	Oat Mountain	2418	bag 1	not on map but	18-G	quad name on slide		Eocene			
17421	Los Angeles	Oat Mountain	2418	bag 3	not on map but	18-G	quad name on slide		Eocene			
17422	Los Angeles	Oat Mountain	2419	bag 1	not on map but	18-G	quad name on slide		Eocene			
17423	Los Angeles	Oat Mountain	2419	bag 2	not on map but	18-G	quad name on slide		Eocene			
17424	Los Angeles	Oat Mountain	2420		not on map but	18-G	quad name on slide		Eocene			
17425	Los Angeles	Oat Mountain	2420		not on map but	18-G	quad name on slide		Eocene			
17426	Los Angeles	Oat Mountain	2422		not on map but	18-G	quad name on slide		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		
17427	Los Angeles	Oat Mountain	2422		not on map but	18-G	quad name on slide		Eocene			
17428	Los Angeles	Oat Mountain	2423		not on map but	18-G	quad name on slide		Eocene			
17429	Los Angeles	Oat Mountain	2423		not on map but	18-G	quad name on slide		Eocene			
17430	Los Angeles	Oat Mountain	2424		not on map but	18-G	quad name on slide		Eocene			
17431	Los Angeles	Oat Mountain	2443		not on map but	18-G	quad name on slide		Paleocene			
17432	Los Angeles	Oat Mountain	2445	129	not on map but	18-G	quad name on slide		no paleo info			
17433	Los Angeles	Oat Mountain	2446		not on map but	18-H	quad name on slide		no paleo info			
17434	Los Angeles	Oat Mountain	2447		not on map but	18-H	quad name on slide		no paleo info			
17435	Los Angeles	Oat Mountain	2448		not on map but	18-H	quad name on slide		no paleo info			
17436	Los Angeles	Oat Mountain	2449		not on map but	18-G	quad name on slide		no paleo info			
17437	Los Angeles	Oat Mountain	3792		Devil Canyon	49-G			no paleo info			
17438	Los Angeles	Oat Mountain	3794		could not find	49-J			no paleo info			
17439	Los Angeles	Oat Mountain	3796		Limekiln Canyon	49-J			no paleo info			
17440	Los Angeles	Oat Mountain	3797		Limekiln Canyon	49-J			Mohnian?			
17441	Los Angeles	Oat Mountain	3799		Browns Canyon	56-L			no paleo info			
17442	Los Angeles	Oat Mountain	3800		Browns Canyon	56-L			no paleo info			
17443	Los Angeles	Oat Mountain	5016		SW of Weldon Cyn	37-D			no paleo info			
17444	Los Angeles	Oat Mountain	5030		SW of Holser Cyn	37-D			no paleo info			
17445	Los Angeles	Oat Mountain	5062		Weldon Canyon	37-D			no paleo info			
17446	Los Angeles	Oat Mountain	5063	1	Weldon Canyon	37-D			no paleo info			
17447	Los Angeles	Oat Mountain	5063	2	Weldon Canyon	37-D			no paleo info			
17448	Los Angeles	Oat Mountain	5063	3	Weldon Canyon	37-D			no paleo info			
17449	Los Angeles	Oat Mountain	5063	4	Weldon Canyon	37-D			no paleo info			
17450	Los Angeles	Oat Mountain	5063	5	Weldon Canyon	37-D			no paleo info			
17451	Los Angeles	Oat Mountain	5065		Weldon Canyon	37-D			no paleo info			
17452	Los Angeles	Oat Mountain	6453		SW part of quad	54-H			no paleo info			
17453	Kern	Oil Center	340	17	Reed Canyon	I-13	not on map	Prob auger	no paleo info			
17454	Kern	Oil Center	340	25	Reed Canyon	I-13	not on map	Prob auger	no paleo info			
17455	Kern	Oil Center	340	32	Reed Canyon	I-13	not on map	Prob auger	no paleo info			
17456	Kern	Oil Center	340	50	Reed Canyon	I-13	not on map	Prob auger	no paleo info			
17457	Kern	Oil Center	340	55	Reed Canyon	I-13	not on map	Prob auger	no paleo info			
17458	Kern	Oil Center	340	60	Reed Canyon	I-13	not on map	Prob auger	no paleo info			
17459	Kern	Oil Center	340	65	Reed Canyon	I-13	not on map	Prob auger	no paleo info			
17460	Kern	Oil Center	340	70	Reed Canyon	I-13	not on map	Prob auger	no paleo info			
17461	Kern	Oil Center	488		Canoas silt	A-7	not on map		Eocene			
17462	Kern	Oil Center	648		Oil City	A-9		Domengine	Eocene			
17463	Kern	Oil Center?	649		not on map	A-9	Coalinga on slide	Domengine	Eocene			
17464	Kern	Oil Center?	650		not on map	A-9	Oil city on slide	Meganos	Paleocene?			
17465	Kern	Oil Center?	651		not on map	A-9	Oil city on slide	Meganos	Paleocene?			
17466	Ventura	Ojai	2841		SE part of quad	28-J			no paleo info			
17467	Ventura	Ojai	2843		SE part of quad	28-J			no paleo info			
17468	Ventura	Ojai	2844		SE part of quad	28-J			no paleo info			
17469	Ventura	Ojai	2950		Wheeler Canyon	24-N	(WC on paleo rept)	Ojai on slide	no paleo info			
17470	Ventura	Ojai	2952		Wheeler Canyon	24-N	(WC on paleo rept)	Ojai on slide	no paleo info			
17471	Ventura	Ojai	2953		Wheeler Canyon	24-N	(WC on paleo rept)	Ojai on slide	no paleo info			
17472	Ventura	Ojai	2954		Wheeler Canyon	24-N	(WC on paleo rept)	Ojai on slide	no paleo info			
17473	Shasta	Olinda	10364	2	Redding Bar area	113-F	not on map	36/31N6W	no paleo info		Barr auger	
17474	Shasta	Olinda	11110	1	Clear Creek	151-N	for strat column		barren		Welge	
17475	Shasta	Olinda	11110	2	Clear Creek	151-N	see lot # 750		L Cret J-2 zone		Welge	
17476	Shasta	Olinda	11110	2RS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone		Welge	
17477	Shasta	Olinda	11110	3	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone		Welge	
17478	Shasta	Olinda	11110	4	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone		Welge	
17479	Shasta	Olinda	11110	5	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone		Welge	
17480	Shasta	Olinda	11110	6	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone		Welge	
17481	Shasta	Olinda	11110	6ARS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone		Welge	
17482	Shasta	Olinda	11110	6BRS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone		Welge	
17483	Shasta	Olinda	11110	6CRS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone		Welge	
17484	Shasta	Olinda	11110	6DRS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone		Welge	
17485	Shasta	Olinda	11110	7ARS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone		Welge	
17486	Shasta	Olinda	11110	7BRS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone		Welge	
17487	Shasta	Olinda	11110	7CRS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone		Welge	
17488	Shasta	Olinda	11110	7DTS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone		Welge	
17489	Shasta	Olinda	11110	7ERS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone		Welge	
17490	Shasta	Olinda	11110	7	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone		Welge	
17491	Shasta	Olinda	11110	8	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone		Welge	
17492	Shasta	Olinda	11110	8ARS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone		Welge	
17493	Shasta	Olinda	11110	8BRS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone		Welge	
17494	Shasta	Olinda	11110	8CRS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone		Welge	
17495	Shasta	Olinda	11110	8DRS	Clear Creek	151-N	Anderson 15'		L Cret J-2 zone		Welge	
17496	Shasta	Olinda	11110	9	Clear Creek	151-N	Anderson 15'		U Cret H zone		Welge	
17497	Shasta	Olinda	11110	10	Clear Creek	151-N	Anderson 15'		U Cret H zone		Welge	
17498	Shasta	Olinda	11110	11	Clear Creek	151-N	Anderson 15'		U Cret H zone		Welge	
17499	Shasta	Olinda	11110	12	Clear Creek	151-N	Anderson 15'		U Cret H zone		Welge	
17500	Shasta	Olinda	11110	13	Clear Creek	151-N	Anderson 15'		U Cret H zone		Welge	
17501	Shasta	Olinda	11110	14	Clear Creek	151-N	Anderson 15'		U Cret H zone		Welge	
17502	Shasta	Olinda	11110	15	Clear Creek	151-N	Anderson 15'		U Cret H zone		Welge	
17503	Shasta	Olinda	11110	17	Clear Creek	151-N	Anderson 15'		U Cret H zone		Welge	
17504	Shasta	Olinda	11110	19	Clear Creek	151-N	Anderson 15'		U Cret H zone		Welge	
17505	Shasta	Olinda	11110	20	Clear Creek	151-N	Anderson 15'		U Cret H zone		Welge	
17506	Shasta	Olinda	11110	21	Clear Creek	151-N	Anderson 15'		U Cret H zone		Welge	
17507	Shasta	Olinda	11110	22	Clear Creek	151-N	Anderson 15'		U Cret H zone		Welge	
17508	Shasta	Olinda	11110	23	Clear Creek	151-N	Anderson 15'		U Cret H zone		Welge	
17509	Shasta	Olinda	11110	24	Clear Creek	151-N	Anderson 15'		U Cret H zone		Welge	
17510	Shasta	Olinda	11110	25	Clear Creek	151-N	Anderson 15'		U Cret H zone		Welge	
17511	Shasta	Olinda	11110	26	Clear Creek	151-N	Anderson 15'		U Cret H 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		ONE/SERIES/AG	COLLECTORS		
17512	Shasta	Olinda	11110	27	Clear Creek	151-N	Anderson 15'		U Cret H zone	Welge		
17513	Shasta	Olinda	11110	28	Clear Creek	151-N	Anderson 15'		U Cret H zone	Welge		
17514	Shasta	Olinda	11110	29	Clear Creek	151-N	Anderson 15'		U Cret H zone	Welge		
17515	Shasta	Olinda	11110	30	Clear Creek	151-N	Anderson 15'		U Cret H zone	Welge		
17516	Shasta	Olinda	11110	31	Clear Creek	151-N	Anderson 15'		U Cret H zone	Welge		
17517	Shasta	Olinda	11110	32	Clear Creek	151-N	Anderson 15'		U Cret H zone	Welge		
17518	Shasta	Olinda	11110	37	Clear Creek	151-N	Anderson 15'		U Cret H zone	Welge		
17519	Shasta	Olinda	11113	1	Clear Creek	148-N	Anderson 15'	not on map	U Cret H zone	Welge		
17520	Shasta	Olinda	11113	2	Clear Creek	148-N	Anderson 15'	not on map	not diagnostic	Welge		
17521	Shasta	Olinda	11113	1RW	Clear Creek	148-N	Anderson 15'	not on map	no paleo info	Welge		
17522	Shasta	Ono	4451		Nr Cottonwood Ck	148-G		not on map	L Cret K zone	Lankford		
17523	Shasta	Ono	5321		W of BM 956		Ono 15'		Lower Cretaceous	Welge		
17524	Tehama	Ono East	750	1	Cottonwood Creek	148-L	Ono 15'	30N/6-7W	Prob U Cret			
17525	Tehama	Ono East	750	2	Cottonwood Creek	148-L	Ono 15'	strat column	Prob U Cret			
17526	Tehama	Ono East	750	3	Cottonwood Creek	148-L	Ono 15'	only has a few	Prob U Cret			
17527	Tehama	Ono East	750	4	Cottonwood Creek	148-L	Ono 15'	numbers	Prob U Cret			
17528	Tehama	Ono East	750	5	Cottonwood Creek	148-L	Ono 15'		Prob U Cret			
17529	Tehama	Ono East	750	6	Cottonwood Creek	148-L	Ono 15'		Prob U Cret			
17530	Tehama	Ono East	750	7	Cottonwood Creek	148-L	Ono 15'		Prob U Cret			
17531	Tehama	Ono East	750	8	Cottonwood Creek	148-L	Ono 15'		Prob U Cret			
17532	Tehama	Ono East	750	10	Cottonwood Creek	148-L	Ono 15'		Prob U Cret			
17533	Tehama	Ono East	750	11	Cottonwood Creek	148-L	Ono 15'		Prob U Cret			
17534	Tehama	Ono East	750	12	Cottonwood Creek	148-L	Ono 15'		Prob U Cret			
17535	Tehama	Ono East	750	14	Cottonwood Creek	148-L	Ono 15'		Prob U Cret			
17536	Tehama	Ono East	750	15	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
17537	Tehama	Ono East	750	16	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
17538	Tehama	Ono East	750	17	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
17539	Tehama	Ono East	750	18	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
17540	Tehama	Ono East	750	19	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
17541	Tehama	Ono East	750	20	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
17542	Tehama	Ono East	750	22	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
17543	Tehama	Ono East	750	23	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
17544	Tehama	Ono East	750	24	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
17545	Tehama	Ono East	750	25	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
17546	Tehama	Ono East	750	26	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
17547	Tehama	Ono East	750	27	Cottonwood Creek	148-M	Ono 15'		Prob U Cret			
17548	Tehama	Ono East	750	28	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
17549	Tehama	Ono East	750	29	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
17550	Tehama	Ono East	750	30	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
17551	Tehama	Ono East	750	31	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
17552	Tehama	Ono East	750	34	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
17553	Tehama	Ono East	750	35	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
17554	Tehama	Ono East	750	36	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
17555	Tehama	Ono East	750	38	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
17556	Tehama	Ono East	750	39	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
17557	Tehama	Ono East	750	40	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
17558	Tehama	Ono East	750	41	Cottonwood Creek	148-M	Ono 15'		L Cret J-1 zone			
17559	Tehama	Ono East	750	47	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
17560	Tehama	Ono East	750	48	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
17561	Tehama	Ono East	750	49	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
17562	Tehama	Ono East	750	50	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
17563	Tehama	Ono East	750	51	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
17564	Tehama	Ono East	750	52	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
17565	Tehama	Ono East	750	53	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
17566	Tehama	Ono East	750	54	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
17567	Tehama	Ono East	750	55	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
17568	Tehama	Ono East	750	56	Cottonwood Creek	148-M	Ono 15'		not diagnostic			
17569	Tehama	Ono East	750	57	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
17570	Tehama	Ono East	750	58	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
17571	Tehama	Ono East	750	59	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
17572	Tehama	Ono East	750	60	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
17573	Tehama	Ono East	750	61	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
17574	Tehama	Ono East	750	62	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
17575	Tehama	Ono East	750	63	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
17576	Tehama	Ono East	750	64	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
17577	Tehama	Ono East	750	65	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
17578	Tehama	Ono East	750	66	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
17579	Tehama	Ono East	750	67	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
17580	Tehama	Ono East	750	68	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
17581	Tehama	Ono East	750	69	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
17582	Tehama	Ono East	750	70	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
17583	Tehama	Ono East	750	71	Cottonwood Creek	148-M	Ono 15'		L Cret K zone			
17584	Tehama	Ono East	750	72	Cottonwood Creek	148-M	Ono 15'	rests on	L Cret K zone			
17585	Tehama	Ono East	750	73	Cottonwood Creek	148-M	Ono 15'	granite	L Cret K zone			
17586	Shasta	Ono East	3837		not on map	152-A	Ono 15'	strat column	Jur/Cret L/M zone	Vaughn		
17587	Shasta	Ono East	3838	2	Cottonwood Creek	152-A	Ono 15'	strat column	L Cret K zone	Vaughn		
17588	Shasta	Ono East	11112	1	East of Ono	148-N	Ono 15'	area C-8	L Cret K zone	Welge		
17589	Shasta	Ono East	11112	2	East of Ono	148-N	Ono 15'		Lower Cretaceous	Welge		
17590	Shasta	Ono West	7580		Cottonwood Creek	152-E	Ono 15'		Lower Cret K zone	Welge		
17591	Orange	Orange	370	1A	Weir Canyon	48-H			no paleo data			
17592	Orange	Orange	370	2	Weir Canyon	48-H			no paleo data			
17593	Orange	Orange	370	3	Weir Canyon	48-H			no paleo data			
17594	Orange	Orange	623	4	Peralta Hills	74-I			no paleo info			
17595	Orange	Orange	623	5	Peralta Hills	74-I			no paleo info			
17596	Orange	Orange	623	6	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		
17682	Orange	Orange	623	137	Peralta Hills	74-I			no paleo info			
17683	Orange	Orange	623	139	Peralta Hills	74-I			no paleo info			
17684	Orange	Orange	623	140	Peralta Hills	74-I			no paleo info			
17685	Orange	Orange	623	141	Peralta Hills	74-I			no paleo info			
17686	Orange	Orange	623	142	Peralta Hills	74-I			no paleo info			
17687	Orange	Orange	623	143	Peralta Hills	74-I			no paleo info			
17688	Orange	Orange	623	144	Peralta Hills	74-I			no paleo info			
17689	Orange	Orange	623	145	Peralta Hills	74-I			no paleo info			
17690	Orange	Orange	623	146	Peralta Hills	74-I			no paleo info			
17691	Orange	Orange	623	147	Peralta Hills	74-I			no paleo info			
17692	Orange	Orange	623	148	Peralta Hills	74-I			no paleo info			
17693	Orange	Orange	623	149	Peralta Hills	74-I			no paleo info			
17694	Orange	Orange	623	151	Peralta Hills	74-K			no paleo info			
17695	Orange	Orange	623	152	Peralta Hills	74-K			no paleo info			
17696	Orange	Orange	623	153	Peralta Hills	74-K			no paleo info			
17697	Orange	Orange	623	154	Peralta Hills	74-K			no paleo info			
17698	Orange	Orange	623	155	Peralta Hills	74-K			no paleo info			
17699	Orange	Orange	623	157	Peralta Hills	74-K			no paleo info			
17700	Orange	Orange	4212		NE corner of quad	31-N			no paleo info			
17701	Orange	Orange	4213		NE corner of quad	31-N			no paleo info			
17702	Orange	Orange	4214		NE corner of quad	31-N			no paleo info			
17703	Orange	Orange	6275		EC part of quad	49-L			no paleo info			
17704	San Luis Obispo	Orchard Peak	2702		Polonio Pass	89-J	Orchard Peak 15'		no paleo info	Cook &		
17705	San Luis Obispo	Orchard Peak	2703		Polonio Pass	89-J	Orchard Peak 15'		no paleo info	Cook &		
17706	San Luis Obispo	Orchard Peak	2704		Polonio Pass	89-J	Orchard Peak 15'		no paleo info	Cook &		
17707	San Luis Obispo	Orchard Peak	2705		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17708	San Luis Obispo	Orchard Peak	2708		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17709	San Luis Obispo	Orchard Peak	2709		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17710	San Luis Obispo	Orchard Peak	2712	A	Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17711	San Luis Obispo	Orchard Peak	2712	B	Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17712	San Luis Obispo	Orchard Peak	2712	C	Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17713	San Luis Obispo	Orchard Peak	2713		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17714	San Luis Obispo	Orchard Peak	2714		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17715	San Luis Obispo	Orchard Peak	2715		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17716	San Luis Obispo	Orchard Peak	2716		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17717	San Luis Obispo	Orchard Peak	2717		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17718	San Luis Obispo	Orchard Peak	2718		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17719	San Luis Obispo	Orchard Peak	2719		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17720	San Luis Obispo	Orchard Peak	2721		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17721	San Luis Obispo	Orchard Peak	2722		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17722	San Luis Obispo	Orchard Peak	2724		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17723	San Luis Obispo	Orchard Peak	2725		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17724	San Luis Obispo	Orchard Peak	2727		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17725	San Luis Obispo	Orchard Peak	2728		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17726	San Luis Obispo	Orchard Peak	2729		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17727	San Luis Obispo	Orchard Peak	2730		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17728	San Luis Obispo	Orchard Peak	2731		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17729	San Luis Obispo	Orchard Peak	2732		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17730	San Luis Obispo	Orchard Peak	2733		Polonio Pass	89-K	Orchard Peak 15'	Have NP but	have NP list on ca	Cook &		
17731	San Luis Obispo	Orchard Peak	2733	B	Polonio Pass	89-K	Orchard Peak 15'	not sure from	have NP list on ca	Cook &		
17732	San Luis Obispo	Orchard Peak	2734		Polonio Pass	89-K	Orchard Peak 15'	this slide set.	have NP list on ca	Cook &		
17733	San Luis Obispo	Orchard Peak	2736		Polonio Pass	89-K	Orchard Peak 15'		have NP list on ca	Cook &		
17734	San Luis Obispo	Orchard Peak	2737		Polonio Pass	89-K	Orchard Peak 15'		have NP list on ca	Cook &		
17735	San Luis Obispo	Orchard Peak	2740		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17736	San Luis Obispo	Orchard Peak	2743		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17737	San Luis Obispo	Orchard Peak	2744		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook &		
17738	San Luis Obispo	Orchard Peak	2745		Polonio Pass	89-K	Orchard Peak 15'		have NP list on ca	Cook &		
17739	San Luis Obispo	Orchard Peak	2746		Polonio Pass	89-K	Orchard Peak 15'		have NP list on ca	Cook &		
17740	San Luis Obispo	Orchard Peak	2747		Polonio Pass	89-K	Orchard Peak 15'		have NP list on ca	Cook &		
17741	San Luis Obispo	Orchard Peak	2748		Polonio Pass	89-K	Orchard Peak 15'	sa #2561	have NP list on ca	Cook &		
17742	San Luis Obispo	Orchard Peak	2749		Polonio Pass	89-K	Orchard Peak 15'		have NP list on ca	Cook &		
17743	Kern	Orchard Peak	2561		Polonio Pass	89-K	Orchard Peak 15'	see # 2748	no paleo info	Cook		
17744	Kern	Orchard Peak	2562		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
17745	Kern	Orchard Peak	2563		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
17746	Kern	Orchard Peak	2564		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
17747	Kern	Orchard Peak	2565		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
17748	Kern	Orchard Peak	2566		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
17749	Kern	Orchard Peak	2566	A	Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
17750	Kern	Orchard Peak	2567		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
17751	Kern	Orchard Peak	2568		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
17752	Kern	Orchard Peak	2569		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
17753	Kern	Orchard Peak	2570	A	Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
17754	Kern	Orchard Peak	2570	B	Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
17755	Kern	Orchard Peak	2571		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
17756	Kern	Orchard Peak	2572		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
17757	Kern	Orchard Peak	2573		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
17758	Kern	Orchard Peak	2574		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
17759	Kern	Orchard Peak	2576		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
17760	Kern	Orchard Peak	2577		Polonio Pass	89-K	Orchard Peak 15'		no paleo info	Cook & Owen		
17761	Santa Barbara	Orcutt?	110	1	NC part of quad	14-I	strat column	age from colm	Pliocene	Reed &		
17762	Stanislaus	Orestimba Peak	352	4	Crow Canyon	224-N	strat column		U Cret E Zone			
17763	Stanislaus	Orestimba Peak	352	5	Crow Canyon	224-N	strat column		U Cret E Zone			
17764	Stanislaus	Orestimba Peak	352	6	Crow Canyon	224-N	strat column		U Cret E Zone			
17765	Stanislaus	Orestimba Peak	352	7	Crow Canyon	224-N	strat column		U Cret E Zone			
17766	Stanislaus	Orestimba Peak	352	11	Crow Canyon	224-N	strat column		U Cret E Zone			

Chevron data # 2

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		
17767	Stanislaus	Orestimba Peak	352	16	Crow Canyon	224-N	strat column		U Cret E Zone			
17768	Stanislaus	Orestimba Peak	352	17	Crow Canyon	224-N	strat column		U Cret E Zone			
17769	Stanislaus	Orestimba Peak	352	18	Crow Canyon	224-N	strat column		U Cret E Zone			
17770	Stanislaus	Orestimba Peak	352	19	Crow Canyon	224-N	strat column		U Cret E Zone			
17771	Stanislaus	Orestimba Peak	352	20	Crow Canyon	224-N	strat column		U Cret E Zone			
17772	Stanislaus	Orestimba Peak	352	21	Crow Canyon	224-N	strat column		U Cret E Zone			
17773	Stanislaus	Orestimba Peak	352	22	Crow Canyon	224-N	strat column		U Cret E Zone			
17774	Stanislaus	Orestimba Peak	352	23	Crow Canyon	224-N	strat column		U Cret E Zone			
17775	Stanislaus	Orestimba Peak	352	24	Crow Canyon	224-N	strat column		U Cret E Zone			
17776	Stanislaus	Orestimba Peak	352	25	Crow Canyon	224-N	strat column		U Cret E Zone			
17777	Stanislaus	Orestimba Peak	352	26	Crow Canyon	224-N	strat column		U Cret E Zone			
17778	Stanislaus	Orestimba Peak	352	28	Crow Canyon	224-N	strat column		U Cret E Zone			
17779	Stanislaus	Orestimba Peak	352	30	Crow Canyon	224-N	strat column		U Cret E Zone			
17780	Stanislaus	Orestimba Peak	352	31	Crow Canyon	224-N	strat column		U Cret E Zone			
17781	Stanislaus	Orestimba Peak	352	36	Crow Canyon	224-M	strat column		U Cret E Zone			
17782	Stanislaus	Orestimba Peak	352	37	Crow Canyon	224-M	strat column		U Cret E Zone			
17783	Stanislaus	Orestimba Peak	352	38	Crow Canyon	224-M	strat column		U Cret E Zone			
17784	Stanislaus	Orestimba Peak	352	40	Crow Canyon	224-M	strat column		U Cret E Zone			
17785	Stanislaus	Orestimba Peak	352	42	Crow Canyon	224-M	strat column		U Cret E Zone			
17786	Stanislaus	Orestimba Peak	352	43	Crow Canyon	224-M	strat column		U Cret E Zone			
17787	Stanislaus	Orestimba Peak	352	48	Crow Canyon	224-M	strat column		U Cret E Zone			
17788	Stanislaus	Orestimba Peak	352	49	Crow Canyon	224-M	strat column		U Cret E Zone			
17789	Stanislaus	Orestimba Peak	352	50	Crow Canyon	224-M	strat column		U Cret E Zone			
17790	Stanislaus	Orestimba Peak	352	51	Crow Canyon	224-M	strat column		U Cret E Zone			
17791	Stanislaus	Orestimba Peak	352	52	Crow Canyon	224-M	strat column		U Cret E Zone			
17792	Stanislaus	Orestimba Peak	352	53	Crow Canyon	224-M	strat column		U Cret E Zone			
17793	Stanislaus	Orestimba Peak	352	54	Crow Canyon	224-M	strat column		U Cret E Zone			
17794	Stanislaus	Orestimba Peak	352	55	Crow Canyon	224-M	strat column		U Cret E Zone			
17795	Stanislaus	Orestimba Peak	352	56	Crow Canyon	224-M	strat column		U Cret E Zone			
17796	Stanislaus	Orestimba Peak	352	57	Crow Canyon	224-M	strat column		U Cret E Zone			
17797	Stanislaus	Orestimba Peak	466	1	Orestimba Creek	108-L	Orestimba 15'		U Cret C/D-1			
17798	Stanislaus	Orestimba Peak	466	G	Orestimba Creek	108-L	Orestimba 15'		U Cret D-1 zone			
17799	Stanislaus	Orestimba Peak	466	5	Orestimba Creek	108-L	Orestimba 15'		not diagnostic			
17800	Stanislaus	Orestimba Peak	466	10	Orestimba Creek	108-L	Orestimba 15'		U Cret D zone			
17801	Stanislaus	Orestimba Peak	466	10A	Orestimba Creek	108-L	Orestimba 15'		U Cret D-2 zone			
17802	Stanislaus	Orestimba Peak	466	32	Orestimba Creek	108-L	Orestimba 15'		barren			
17803	Stanislaus	Orestimba Peak	3759		Orestimba Ck area	108-L	Orestimba 15'		Upper Cretaceous	Seiden		
17804	Stanislaus	Orestimba Peak	3760		Orestimba Ck area	108-L	Orestimba 15'		U Cret D/E zones	Seiden		
17805	Stanislaus	Orestimba Peak	3761		Orestimba Ck area	108-L	Orestimba 15'		Upper Cretaceous	Seiden		
17806	Stanislaus	Orestimba Peak	3762		Orestimba Ck area	108-L	Orestimba 15'		U Cret D zone	Seiden		
17807	Stanislaus	Orestimba Peak	3763		Orestimba Ck area	108-L	Orestimba 15'		U Cret D-1 zone	Seiden		
17808	Stanislaus	Orestimba Peak	3764		Orestimba Ck area	108-L	Orestimba 15'		U Cret D-1 zone	Seiden		
17809	Stanislaus	Orestimba Peak	4884	U	Orestimba Creek	125-B	Orestimba 15'		no paleo info			
17810	Stanislaus	Orestimba Peak	4884	L	Orestimba Creek	125-B	Orestimba 15'		no paleo info			
17811	Stanislaus	Orestimba Peak	4885		Orestimba Creek	125-B	Orestimba 15'	strat column	Cretaceous			
17812	Stanislaus	Orestimba Peak	4886		Orestimba Creek	125-B	Orestimba 15'	strat column	Cretaceous			
17813	Stanislaus	Orestimba Peak	4887		Orestimba Creek	125-B	Orestimba 15'	strat column	Cretaceous			
17814	Stanislaus	Orestimba Peak	4888		Orestimba Creek	125-B	Orestimba 15'	strat column	Cretaceous			
17815	Stanislaus	Orestimba Peak	4891		Orestimba Creek	125-B	Orestimba 15'	strat column	Cretaceous			
17816	Stanislaus	Orestimba Peak	4896		Orestimba Creek	125-B	Orestimba 15'	strat column	Cretaceous			
17817	Stanislaus	Orestimba Peak	23901	6	NE part quad	242-E		abun rads	no paleo info			
17818	Stanislaus	Orestimba Peak	23908	1	Orestimba Ck area	177-M			no paleo info			
17819	Stanislaus	Orestimba Peak	23908	2	Orestimba Ck area	177-M			no paleo info			
17820	Stanislaus	Orestimba Peak	23909	1	Orestimba Ck area	177-M			no paleo info			
17821	Stanislaus	Orestimba Peak	23909	2	Orestimba Ck area	177-M			no paleo info			
17822	Stanislaus	Orestimba Peak	23910	4	WC part of quad	177-M			no paleo info			
17823	Stanislaus	Orestimba Peak	23912	6	Orestimba Ck area	177-M			no paleo info			
17824	Stanislaus	Orestimba Peak	23912	7	Orestimba Ck area	177-M			no paleo info			
17825	Stanislaus	Orestimba Peak	23914	3	Orestimba Ck area	177-M			no paleo info			
17826	Stanislaus	Orestimba Peak	23916	1	NE part quad	177-M			no paleo info			
17827	Merced	Ortugalita Peak	436	1	Ortugalita Creek	142-A	Los Banos area		barren or not diag.	Porter		
17828	Merced	Ortugalita Peak	436	2	Ortugalita Creek	142-A	Have paleo and		barren or not diag.	Porter		
17829	Merced	Ortugalita Peak	436	4	Ortugalita Creek	142-A	lithology but few		barren or not diag.	Porter		
17830	Merced	Ortugalita Peak	436	5	Ortugalita Creek	142-A	ages. On Laguna		barren or not diag.	Porter		
17831	Merced	Ortugalita Peak	436	6	Ortugalita Creek	142-A	Seca Ranch.		barren or not diag.	Porter		
17832	Merced	Ortugalita Peak	436	8	Ortugalita Creek	142-A	Ortugalita Peak 15'		barren or not diag.	Porter		
17833	Merced	Ortugalita Peak	436	10	Ortugalita Creek	142-A	Ortugalita Peak 15'		barren or not diag.	Porter		
17834	Merced	Ortugalita Peak	436	12	Ortugalita Creek	142-A	Ortugalita Peak 15'		barren or not diag.	Porter		
17835	Merced	Ortugalita Peak	436	12	Ortugalita Creek	142-A	Ortugalita Peak 15'		barren or not diag.	Porter		
17836	Merced	Ortugalita Peak	436	14	Ortugalita Creek	142-A	Ortugalita Peak 15'		barren or not diag.	Porter		
17837	Merced	Ortugalita Peak	436	15	Ortugalita Creek	142-A	Ortugalita Peak 15'		barren or not diag.	Porter		
17838	Merced	Ortugalita Peak	436	16	Ortugalita Creek	142-A	Ortugalita Peak 15'		barren or not diag.	Porter		
17839	Merced	Ortugalita Peak	436	17	Ortugalita Creek	142-A	Ortugalita Peak 15'		barren or not diag.	Porter		
17840	Merced	Ortugalita Peak	436	18	Ortugalita Creek	142-A	Ortugalita Peak 15'		barren or not diag.	Porter		
17841	Merced	Ortugalita Peak	436	25	Ortugalita Creek	142-A	Ortugalita Peak 15'		barren or not diag.	Porter		
17842	Merced	Ortugalita Peak	436	36A	Ortugalita Creek	142-A	Ortugalita Peak 15'		barren or not diag.	Porter		
17843	Merced	Ortugalita Peak	436	36B	Ortugalita Creek	142-A	Ortugalita Peak 15'		barren or not diag.	Porter		
17844	Merced	Ortugalita Peak	436	36C	Ortugalita Creek	142-A	Ortugalita Peak 15'		barren or not diag.	Porter		
17845	Merced	Ortugalita Peak	436	37	Ortugalita Creek	142-A	Ortugalita Peak 15'		barren or not diag.	Porter		
17846	Merced	Ortugalita Peak	436	38	Ortugalita Creek	142-A	Ortugalita Peak 15'		barren or not diag.	Porter		
17847	Merced	Ortugalita Peak	436	39	Ortugalita Creek	142-A	Ortugalita Peak 15'		barren or not diag.	Porter		
17848	Merced	Ortugalita Peak	436	40	Ortugalita Creek	142-A	Ortugalita Peak 15'		barren or not diag.	Porter		
17849	Merced	Ortugalita Peak	436	41	Ortugalita Creek	142-A	Ortugalita Peak 15'		barren or not diag.	Porter		
17850	Merced	Ortugalita Peak	436	42	Ortugalita Creek	142-A	Ortugalita Peak 15'		barren or not diag.	Porter		
17851	Merced	Ortugalita Peak	436	43	Ortugalita Creek	142-A	Ortugalita Peak 15'		barren or not diag.	Porter		

Chevron data # 2

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		
17937	Merced	Ortitalita Peak NW	436	197	Ortitalita Creek	142-C	Ortitalita Peak 15'		barren or not diag.	Porter		
17938	Merced	Ortitalita Peak NW	3552	A	Los Banos Ck CH	125-A	Ortitalita Peak 15'	Have strat	Upper Cretaceous	Porter		
17939	Merced	Ortitalita Peak NW	3552	B	Los Banos Ck CH	125-A	Ortitalita Peak 15'	column	Upper Cretaceous	Porter		
17940	Merced	Ortitalita Peak NW	3553	A	Los Banos Ck CH	125-A	Ortitalita Peak 15'	column	barren	Porter		
17941	Merced	Ortitalita Peak NW	3555		Los Banos Ck CH	125-A	Ortitalita Peak 15'	column	U Cret E zone	Porter		
17942	Merced	Ortitalita Peak NW	3559		Los Banos Ck CH	125-A	Ortitalita Peak 15'	column	Upper Cretaceous	Porter		
17943	Merced	Ortitalita Peak NW	3561		Los Banos Ck CH	125-A	Ortitalita Peak 15'	column	Upper Cretaceous	Porter		
17944	Merced	Ortitalita Peak NW	3562		EC part of quad	125-A	Ortitalita Peak 15'	column	Upper Cretaceous	Porter		
17945	Merced	Ortitalita Peak NW	3563		EC part of quad	125-A	Ortitalita Peak 15'	column	Upper Cretaceous	Porter		
17946	Merced	Ortitalita Peak NW	3564		EC part of quad	125-A	Ortitalita Peak 15'	column	Upper Cretaceous	Porter		
17947	Merced	Ortitalita Peak NW	3565		EC part of quad	125-A	Ortitalita Peak 15'	column	Upper Cretaceous	Porter		
17948	Merced	Ortitalita Peak NW	3566		EC part of quad	125-A	Ortitalita Peak 15'	column	Upper Cretaceous	Porter		
17949	Merced	Ortitalita Peak NW	3590		Salt Creek	125-A	Ortitalita Peak 15'	column	Upper Cretaceous	Porter		
17950	Merced	Ortitalita Peak NW	3591		Salt Creek	125-A	Ortitalita Peak 15'	column	Upper Cretaceous	Porter		
17951	Merced	Ortitalita Peak NW	3592		Salt Creek	125-A	Ortitalita Peak 15'	column	Upper Cretaceous	Porter		
17952	Merced	Ortitalita Peak NW	3593		Salt Creek	125-A	Ortitalita Peak 15'	column	Upper Cretaceous	Porter		
17953	Humboldt	Owl Creek	22681	2	SE part of quad	242-G	laqua Buttes 15'	good fauna	Lower Pliocene			
17954	Humboldt	Owl Creek	23925	1	Redwood House R	256-M	laqua Buttes 15'		no paleo info	Haynes		
17955	Humboldt	Owl Creek	23925	2	Redwood House R	256-M	laqua Buttes 15'		no paleo info	Haynes		
17956	Humboldt	Owl Creek	23925	3	Redwood House R	256-M	laqua Buttes 15'		no paleo info	Haynes		
17957	Tehama	Oxbow Bridge	677	1	Cottonwood Creek	150-K	Colyear Sps 15'	Have strat	U Cret G-2 zone	Raydon		
17958	Tehama	Oxbow Bridge	677	3	Cottonwood Creek	150-K	Colyear Sps 15'	column and	U Cret G-2 zone	Raydon		
17959	Tehama	Oxbow Bridge	677	4	Cottonwood Creek	150-K	Colyear Sps 15'	foram check	U Cret G-2 zone	Raydon		
17960	Tehama	Oxbow Bridge	677	5	Cottonwood Creek	150-K	Colyear Sps 15'	list	U Cret G-2 zone	Raydon		
17961	Tehama	Oxbow Bridge	677	6	Cottonwood Creek	150-K	Colyear Sps 15'		U Cret G-2 zone	Raydon		
17962	Tehama	Oxbow Bridge	677	7	Cottonwood Creek	150-K	Colyear Sps 15'		U Cret G or H zone	Raydon		
17963	Tehama	Oxbow Bridge	677	8	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17964	Tehama	Oxbow Bridge	677	9	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17965	Tehama	Oxbow Bridge	677	10	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17966	Tehama	Oxbow Bridge	677	11	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17967	Tehama	Oxbow Bridge	677	12	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17968	Tehama	Oxbow Bridge	677	13	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17969	Tehama	Oxbow Bridge	677	14	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17970	Tehama	Oxbow Bridge	677	15	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17971	Tehama	Oxbow Bridge	677	16	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17972	Tehama	Oxbow Bridge	677	17	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17973	Tehama	Oxbow Bridge	677	18	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17974	Tehama	Oxbow Bridge	677	19	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17975	Tehama	Oxbow Bridge	677	20	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17976	Tehama	Oxbow Bridge	677	21	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17977	Tehama	Oxbow Bridge	677	22	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17978	Tehama	Oxbow Bridge	677	23	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17979	Tehama	Oxbow Bridge	677	24	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17980	Tehama	Oxbow Bridge	677	25	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17981	Tehama	Oxbow Bridge	677	26	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17982	Tehama	Oxbow Bridge	677	27	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17983	Tehama	Oxbow Bridge	677	28	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17984	Tehama	Oxbow Bridge	677	29	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17985	Tehama	Oxbow Bridge	677	30	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17986	Tehama	Oxbow Bridge	677	31	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17987	Tehama	Oxbow Bridge	677	32	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17988	Tehama	Oxbow Bridge	677	33	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17989	Tehama	Oxbow Bridge	677	34	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17990	Tehama	Oxbow Bridge	677	35	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17991	Tehama	Oxbow Bridge	677	36	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17992	Tehama	Oxbow Bridge	677	37	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17993	Tehama	Oxbow Bridge	677	38	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17994	Tehama	Oxbow Bridge	677	39	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17995	Tehama	Oxbow Bridge	677	40	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17996	Tehama	Oxbow Bridge	677	41	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17997	Tehama	Oxbow Bridge	677	42	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17998	Tehama	Oxbow Bridge	677	43	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
17999	Tehama	Oxbow Bridge	677	44	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
18000	Tehama	Oxbow Bridge	677	45	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
18001	Tehama	Oxbow Bridge	677	46	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
18002	Tehama	Oxbow Bridge	677	47	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
18003	Tehama	Oxbow Bridge	677	48	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
18004	Tehama	Oxbow Bridge	677	51	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
18005	Tehama	Oxbow Bridge	677	52	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
18006	Tehama	Oxbow Bridge	677	53	Cottonwood Creek	150-K	Colyear Sps 15'		Upper Cret H zone	Raydon		
18007	Merced	Pacheco Pass	11471	10	Cottonwood Ck	177-M	Pacheco Pass 15'		no paleo info	Reber		
18008	Merced	Pacheco Pass	11471	11	Cottonwood Ck	177-M	Pacheco Pass 15'		no paleo info	Reber		
18009	Kern	Packwood Creek	1138	1	Packwood Creek	7-H	(NOT Guinda)		no paleo info			
18010	Kern	Packwood Creek	1138	3	Packwood Creek	7-H			no paleo info			
18011	Kern	Packwood Creek	1138	4A	Packwood Creek	7-H			no paleo info			
18012	Kern	Packwood Creek	1138	4B	Packwood Creek	7-H			no paleo info			
18013	Kern	Packwood Creek	1138	4C	Packwood Creek	7-H			no paleo info			
18014	Kern	Packwood Creek	1138	6	Packwood Creek	7-H			no paleo info			
18015	Kern	Packwood Creek	1138	7	Packwood Creek	7-H			no paleo info			
18016	Kern	Packwood Creek	1138	8	Packwood Creek	7-H			no paleo info			
18017	Kern	Packwood Creek	1138	9	Packwood Creek	7-H			no paleo info			
18018	Kern	Packwood Creek	1138	10	Packwood Creek	7-H			no paleo info			
18019	Kern	Packwood Creek	13937	slide1	Cedar Creek	221-J	picked type slide			HLL-GLP		
18020	Kern	Packwood Creek	13937	6	Cedar Creek	221-I	Ages inferred by Brabb from		not diagnostic	HLL-GLP		
18021	Kern	Packwood Creek	13937	12	Cedar Creek	221-I	Kleinpell charts		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	ZONE/SERIES/AG	COLLECTORS		
18022	Kern	Packwood Creek	13937	16	Cedar Creek	221-I			not diagnostic	HLL-GLP		
18023	Kern	Packwood Creek	13937	17	Cedar Creek	221-I		planktics com	Saucesian	HLL-GLP		
18024	Kern	Packwood Creek	13937	18	Cedar Creek	221-H		planktics com	not diagnostic	HLL-GLP		
18025	Kern	Packwood Creek	13937	19	Cedar Creek	221-H			Saucesian	HLL-GLP		
18026	Kern	Packwood Creek	13937	20	Cedar Creek	221-H			not diagnostic	HLL-GLP		
18027	Kern	Packwood Creek	13937	22	Cedar Creek	221-H		planktics com	not diagnostic	HLL-GLP		
18028	Kern	Packwood Creek	13937	23	Cedar Creek	221-H		flood planktics	not diagnostic	HLL-GLP		
18029	Kern	Packwood Creek	13937	24	Cedar Creek	221-H			not diagnostic	HLL-GLP		
18030	Kern	Packwood Creek	13937	27A	Cedar Creek	221-H			no paleo info	HLL-GLP		
18031	Kern	Packwood Creek	13937	28	Cedar Creek	221-H			no paleo info	HLL-GLP		
18032	Kern	Packwood Creek	13937	29	Cedar Creek	221-H			no paleo info	HLL-GLP		
18033	Kern	Packwood Creek	13937	30	Cedar Creek	221-H			not diagnostic	HLL-GLP		
18034	Kern	Packwood Creek	13937	31	Cedar Creek	221-H			not diagnostic	HLL-GLP		
18035	Kern	Packwood Creek	13937	32	Cedar Creek	221-H			not diagnostic	HLL-GLP		
18036	Kern	Packwood Creek	13937	33	Cedar Creek	221-H			not diagnostic	HLL-GLP		
18037	Kern	Packwood Creek	13937	34	Cedar Creek	221-H			prob Saucesian	HLL-GLP		
18038	Kern	Packwood Creek	13937	35	Cedar Creek	221-H			not diagnostic	HLL-GLP		
18039	Kern	Packwood Creek	13937	36	Cedar Creek	221-H			not diagnostic	HLL-GLP		
18040	Kern	Packwood Creek	13937	37	Cedar Creek	221-H			not diagnostic	HLL-GLP		
18041	Kern	Packwood Creek	13937	38	Cedar Creek	221-H			not diagnostic	HLL-GLP		
18042	Kern	Packwood Creek	13937	39	Cedar Creek	221-H			not diagnostic	HLL-GLP		
18043	Kern	Packwood Creek	13937	40	Cedar Creek	221-H			Middle Miocene	HLL-GLP		
18044	Kern	Packwood Creek	13937	41	Cedar Creek	221-H			Middle Miocene	HLL-GLP		
18045	Kern	Packwood Creek	13937	43	Cedar Creek	221-H		abun planktics	Middle Miocene	HLL-GLP		
18046	Kern	Packwood Creek	13937	46	Cedar Creek	221-H		planktics com	Middle Miocene	HLL-GLP		
18047	Kern	Packwood Creek	13937	49	Cedar Creek	221-H			prob Relizian	HLL-GLP		
18048	Kern	Packwood Creek	13937	51	Cedar Creek	221-H			not diagnostic	HLL-GLP		
18049	Kern	Packwood Creek	13937	52	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18050	Kern	Packwood Creek	13937	53	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18051	Kern	Packwood Creek	13937	54	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18052	Kern	Packwood Creek	13937	55	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18053	Kern	Packwood Creek	13937	56	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18054	Kern	Packwood Creek	13937	57	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18055	Kern	Packwood Creek	13937	58	Cedar Creek	221-D			prob Saucesian	HLL-GLP		
18056	Kern	Packwood Creek	13937	59	Cedar Creek	221-D			Middle Miocene	HLL-GLP		
18057	Kern	Packwood Creek	13937	61	Cedar Creek	221-D		abun planktics	prob Luisian	HLL-GLP		
18058	Kern	Packwood Creek	13937	63	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18059	Kern	Packwood Creek	13937	64	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18060	Kern	Packwood Creek	13937	65	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18061	Kern	Packwood Creek	13937	67	Cedar Creek	221-D			Middle Miocene	HLL-GLP		
18062	Kern	Packwood Creek	13937	69	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18063	Kern	Packwood Creek	13937	70	Cedar Creek	221-D			Middle Miocene	HLL-GLP		
18064	Kern	Packwood Creek	13937	71	Cedar Creek	221-D			Relizian	HLL-GLP		
18065	Kern	Packwood Creek	13937	73	Cedar Creek	221-D			Middle Miocene	HLL-GLP		
18066	Kern	Packwood Creek	13937	74	Cedar Creek	221-D			Middle Miocene	HLL-GLP		
18067	Kern	Packwood Creek	13937	76	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18068	Kern	Packwood Creek	13937	80	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18069	Kern	Packwood Creek	13937	81	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18070	Kern	Packwood Creek	13937	83	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18071	Kern	Packwood Creek	13937	85	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18072	Kern	Packwood Creek	13937	87	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18073	Kern	Packwood Creek	13937	88	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18074	Kern	Packwood Creek	13937	89	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18075	Kern	Packwood Creek	13937	90	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18076	Kern	Packwood Creek	13937	91	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18077	Kern	Packwood Creek	13937	92	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18078	Kern	Packwood Creek	13937	93	Cedar Creek	221-D			not diagnostic	HLL-GLP		
18079	Kern	Packwood Creek	13937	94	Cedar Creek	221-D			Relizian	HLL-GLP		
18080	Kern	Packwood Creek	13937	95	Cedar Creek	221-D			Relizian	HLL-GLP		
18081	Kern	Packwood Creek	13937	96	Cedar Creek	221-D			Relizian	HLL-GLP		
18082	Kern	Packwood Creek	33835	1A	SE part of quad	121-G			no paleo info	Kraetsch		
18083	Kern	Packwood Creek	33835	1B	SE part of quad	121-G			no paleo info	Kraetsch		
18084	Kern	Packwood Creek	33835	3	SE part of quad	121-G			no paleo info	Kraetsch		
18085	Kern	Packwood Creek	33835	5	SE part of quad	121-G			no paleo info	Kraetsch		
18086	Kern	Packwood Creek	33835	6	SE part of quad	121-G			no paleo info	Kraetsch		
18087	Kern	Packwood Creek	33835	9	SE part of quad	121-G			no paleo info	Kraetsch		
18088	Kern	Packwood Creek	33835	10	SE part of quad	121-G			no paleo info	Kraetsch		
18089	Kern	Packwood Creek	33835	11	SE part of quad	121-G			no paleo info	Kraetsch		
18090	Kern	Packwood Creek	33835	13	SE part of quad	121-G			no paleo info	Kraetsch		
18091	San Benito	Paicines	11439		NE part of quad	165-F	Gonzales 15'	6/14S/7E SLP	Eocene A zone	Flege		
18092	San Benito	Paicines	11439	RW	NE part of quad	165-F	Gonzales 15'		Eocene A zone	Flege		
18093	San Luis Obispo	Painted Rock	1004	1	NE corner of quad	155-K		age from map	no paleo info	Hunter & O		
18094	San Luis Obispo	Painted Rock	1004	2	NE corner of quad	155-K		age from map	Zemorian	Hunter & O		
18095	San Luis Obispo	Painted Rock	1004	3	NE corner of quad	155-K		age from map	Zemorian	Hunter & O		
18096	San Luis Obispo	Painted Rock	1004	4	NE corner of quad	155-K		age from map	Zemorian	Hunter & O		
18097	San Luis Obispo	Painted Rock	1004	5	NE corner of quad	155-K		age from map	Zemorian	Hunter & O		
18098	San Luis Obispo	Painted Rock	1004	6	NE corner of quad	155-K		age from map	Zemorian	Hunter & O		
18099	San Luis Obispo	Painted Rock	2794		SW part of quad	94-I	Caliente Mtn 15'		not diagnostic	Papp & Sta.		
18100	San Luis Obispo	Painted Rock	2795		SW part of quad	94-I	Caliente Mtn 15'		not diagnostic	Papp & Sta.		
18101	San Luis Obispo	Painted Rock	7536		SW part of quad	160-E	Caliente Mtn 15'		not diagnostic			
18102	San Luis Obispo	Painted Rock	9530		NE part quad	155-K	Caliente Mtn 15'	age from map	L Mohnian	Hunter & O		
18103	San Luis Obispo	Painted Rock	9531		NE part quad	155-K	Caliente Mtn 15'	age from map	L Mohnian	Hunter & O		
18104	San Luis Obispo	Painted Rock	11499	11	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	Middle Miocene			
18105	San Luis Obispo	Painted Rock	11499	13	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	Middle Miocene			
18106	San Luis Obispo	Painted Rock	11499	15	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	Middle 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		
18107	San Luis Obispo	Painted Rock	11499	23	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	Middle Miocene			
18108	San Luis Obispo	Painted Rock	11499	26	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	Middle Miocene			
18109	San Luis Obispo	Painted Rock	11499	28	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	Relizian			
18110	San Luis Obispo	Painted Rock	11499	29	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	Relizian			
18111	San Luis Obispo	Painted Rock	11499	32	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	Relizian			
18112	San Luis Obispo	Painted Rock	11499	34	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	Relizian			
18113	San Luis Obispo	Painted Rock	11499	35	Carrizo Plains	224-G	Caliente Mtn 15'	Seismic E-30	poss Saucesian			
18114	San Luis Obispo	Painted Rock	21039		SE Painted R Rnd	189-B	Caliente Mtn 15'		not diagnostic	Drummond		
18115	San Luis Obispo	Painted Rock	23399	A	NE of Painted Roc	44-D	Caliente Mtn 15'		Lower Zemorrian	Elliott		
18116	San Luis Obispo	Painted Rock	23399	B	NE of Painted Roc	44-D	Caliente Mtn 15'		Lower Zemorrian	Elliott		
18117	San Mateo	Palo Alto	990		Woodside Road	115-F	6/6S/3W	abun planktics	no paleo info	Classen		
18118	San Mateo	Palo Alto	1357		Woodside area	115-F	6/6S/3W	abun planktics	Eocene	Classen		
18119	San Mateo	Palo Alto	2471		near woodside Rd	115-F	abun planktics	see #1357	Eocene	Classen		
18120	San Mateo	Palo Alto	2472		E of Woodside	115-F	8/6S/3W (SLP)	see #1357	Eocene A-2 zone	Classen		
18121	San Mateo	Palo Alto	2473		E of Woodside	115-F	8/6S/3W (SLP)		Eocene A-2 zone	Classen		
18122	San Mateo	Palo Alto	2474		E of Woodside	115-F	8/6S/3W (SLP)		Eocene A-2 zone	Classen		
18123	San Mateo	Palo Alto	2476		E of Woodside	115-F	8/6S/3W (SLP)		Eocene A-2 zone	Classen		
18124	San Mateo	Palo Alto	2477		E of Woodside	115-F	8/6S/3W (SLP)		Eocene A-2 zone	Classen		
18125	San Mateo	Palo Alto	2478		E of Woodside	115-F	8/6S/3W (SLP)		Eocene A-2 zone	Classen		
18126	Kern	Panorama Hills	420	slide 1	Crocker Creek	94-L			assemblage	Gealey &		
18127	Kern	Panorama Hills	420	34	Crocker Creek	94-K	slides missing?		Delmontian	Gealey &		
18128	Kern	Panorama Hills	420	35	Crocker Creek	94-K			Delmontian	Gealey &		
18129	Kern	Panorama Hills	420	36	Crocker Creek	94-K			Delmontian	Gealey &		
18130	Kern	Panorama Hills	420	37	Crocker Creek	94-K			Delmontian	Gealey &		
18131	Kern	Panorama Hills	420	38	Crocker Creek	94-K			Delmontian	Gealey &		
18132	Kern	Panorama Hills	420	39	Crocker Creek	94-K			Mohnian	Gealey &		
18133	Kern	Panorama Hills	420	40	Crocker Creek	94-K			Mohnian	Gealey &		
18134	Kern	Panorama Hills	420	42	Crocker Creek	94-K			Mohnian	Gealey &		
18135	Kern	Panorama Hills	420	45	Crocker Creek	94-K			Mohnian	Gealey &		
18136	Kern	Panorama Hills	420	47	Crocker Creek	94-K			Mohnian	Gealey &		
18137	Kern	Panorama Hills	420	48	Crocker Creek	94-K			Mohnian	Gealey &		
18138	Kern	Panorama Hills	420	49	Crocker Creek	94-K			Mohnian	Gealey &		
18139	Kern	Panorama Hills	420	61	Crocker Creek	94-K			Mohnian	Gealey &		
18140	Kern	Panorama Hills	420	62	Crocker Creek	94-K			Mohnian	Gealey &		
18141	Kern	Panorama Hills	420	63	Crocker Creek	94-K			Mohnian	Gealey &		
18142	Kern	Panorama Hills	420	64	Crocker Creek	94-K			Mohnian	Gealey &		
18143	Kern	Panorama Hills	420	66	Crocker Creek	94-K			Mohnian	Gealey &		
18144	Kern	Panorama Hills	420	67	Crocker Creek	94-K			Mohnian	Gealey &		
18145	Kern	Panorama Hills	420	68	Crocker Creek	94-K			Mohnian	Gealey &		
18146	Kern	Panorama Hills	420	69	Crocker Creek	94-K			Mohnian	Gealey &		
18147	Kern	Panorama Hills	420	70	Crocker Creek	94-K			Mohnian	Gealey &		
18148	Kern	Panorama Hills	420	71	Crocker Creek	94-K			Mohnian	Gealey &		
18149	Kern	Panorama Hills	420	72	Crocker Creek	94-K			Mohnian	Gealey &		
18150	Kern	Panorama Hills	420	73	Crocker Creek	94-K			Mohnian	Gealey &		
18151	Kern	Panorama Hills	420	74	Crocker Creek	94-K			Mohnian	Gealey &		
18152	Kern	Panorama Hills	420	75	Crocker Creek	94-K			Mohnian	Gealey &		
18153	Kern	Panorama Hills	420	76	Crocker Creek	94-K			Mohnian	Gealey &		
18154	Kern	Panorama Hills	420	77	Crocker Creek	94-K			Mohnian	Gealey &		
18155	Kern	Panorama Hills	420	78	Crocker Creek	94-K			Mohnian	Gealey &		
18156	Kern	Panorama Hills	420	79	Crocker Creek	94-K			Mohnian	Gealey &		
18157	Kern	Panorama Hills	420	80	Crocker Creek	94-K			Mohnian	Gealey &		
18158	Kern	Panorama Hills	420	81	Crocker Creek	94-K			Mohnian	Gealey &		
18159	Kern	Panorama Hills	420	82	Crocker Creek	94-K			Mohnian	Gealey &		
18160	Kern	Panorama Hills	420	83	Crocker Creek	94-K			Mohnian	Gealey &		
18161	Kern	Panorama Hills	420	85	Crocker Creek	94-K			Mohnian	Gealey &		
18162	San Luis Obispo	Panorama Hills	420	86	Crocker Creek	94-K			Mohnian	Gealey &		
18163	San Luis Obispo	Panorama Hills	420	87	Crocker Creek	94-L			Mohnian	Gealey &		
18164	San Luis Obispo	Panorama Hills	420	88	Crocker Creek	94-L			Luisian	Gealey &		
18165	San Luis Obispo	Panorama Hills	420	89	Crocker Creek	94-L			Luisian	Gealey &		
18166	San Luis Obispo	Panorama Hills	420	90	Crocker Creek	94-L			Luisian	Gealey &		
18167	San Luis Obispo	Panorama Hills	420	91	Crocker Creek	94-L			Luisian	Gealey &		
18168	San Luis Obispo	Panorama Hills	420	92	Crocker Creek	94-L			Luisian	Gealey &		
18169	San Luis Obispo	Panorama Hills	420	93	Crocker Creek	94-L			Luisian	Gealey &		
18170	San Luis Obispo	Panorama Hills	420	94	Crocker Creek	94-L			Luisian	Gealey &		
18171	San Luis Obispo	Panorama Hills	420	95	Crocker Creek	94-L			Luisian	Gealey &		
18172	San Luis Obispo	Panorama Hills	420	100	Crocker Creek	94-L			Luisian	Gealey &		
18173	San Luis Obispo	Panorama Hills	420	101	Crocker Creek	94-L			Luisian	Gealey &		
18174	San Luis Obispo	Panorama Hills	420	102	Crocker Creek	94-L			Luisian	Gealey &		
18175	San Luis Obispo	Panorama Hills	420	103	Crocker Creek	94-L			Luisian	Gealey &		
18176	San Luis Obispo	Panorama Hills	420	104	Crocker Creek	94-L			Luisian	Gealey &		
18177	San Luis Obispo	Panorama Hills	420	105	Crocker Creek	94-L			Luisian	Gealey &		
18178	San Luis Obispo	Panorama Hills	420	106	Crocker Creek	94-L			Luisian	Gealey &		
18179	San Luis Obispo	Panorama Hills	420	107	Crocker Creek	94-L			Luisian	Gealey &		
18180	San Luis Obispo	Panorama Hills	420	108	Crocker Creek	94-L			Luisian	Gealey &		
18181	San Luis Obispo	Panorama Hills	420	109	Crocker Creek	94-L			Luisian	Gealey &		
18182	San Luis Obispo	Panorama Hills	420	110	Crocker Creek	94-L			Luisian	Gealey &		
18183	San Luis Obispo	Panorama Hills	420	111	Crocker Creek	94-L			Luisian	Gealey &		
18184	San Luis Obispo	Panorama Hills	420	112	Crocker Creek	94-L			Luisian	Gealey &		
18185	San Luis Obispo	Panorama Hills	420	113	Crocker Creek	94-L			Luisian	Gealey &		
18186	San Luis Obispo	Panorama Hills	420	114	Crocker Creek	94-L			Luisian	Gealey &		
18187	San Luis Obispo	Panorama Hills	420	115	Crocker Creek	94-L			Luisian	Gealey &		
18188	San Luis Obispo	Panorama Hills	420	131	Crocker Creek	94-L			Luisian	Gealey &		
18189	San Luis Obispo	Panorama Hills	420	132	Crocker Creek	94-L			Luisian	Gealey &		
18190	San Luis Obispo	Panorama Hills	420	133	Crocker Creek	94-L			Luisian	Gealey &		
18191	San Luis Obispo	Panorama Hills	420	134	Crocker Creek	94-L			Luisian	Gealey &		

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		
18192	San Luis Obispo	Panorama Hills	420	135	Crocker Creek	94-L			Luisian	Gealey &		
18193	San Luis Obispo	Panorama Hills	420	136	Crocker Creek	94-L			Luisian	Gealey &		
18194	San Luis Obispo	Panorama Hills	420	137	Crocker Creek	94-L			Luisian	Gealey &		
18195	San Luis Obispo	Panorama Hills	420	138	Crocker Creek	94-L			Luisian	Gealey &		
18196	San Luis Obispo	Panorama Hills	420	139	Crocker Creek	94-L			Luisian	Gealey &		
18197	San Luis Obispo	Panorama Hills	420	140	Crocker Creek	94-L			Luisian	Gealey &		
18198	San Luis Obispo	Panorama Hills	420	141	Crocker Creek	94-L			Luisian	Gealey &		
18199	San Luis Obispo	Panorama Hills	420	142	Crocker Creek	94-L			Luisian	Gealey &		
18200	San Luis Obispo	Panorama Hills	420	143	Crocker Creek	94-L			Relizian	Gealey &		
18201	San Luis Obispo	Panorama Hills	420	144	Crocker Creek	94-L			Relizian	Gealey &		
18202	San Luis Obispo	Panorama Hills	420	145	Crocker Creek	94-L			Relizian	Gealey &		
18203	Kern	Panorama Hills	421	117	EC part of quad	95-M			Miocene			
18204	Kern	Panorama Hills	421	121	EC part of quad	95-M			Miocene			
18205	Kern	Panorama Hills	421	144	EC part of quad	95-M			Miocene			
18206	Kern	Panorama Hills	421	145	EC part of quad	95-M			Miocene			
18207	Kern	Panorama Hills	421	146	EC part of quad	95-M			Miocene			
18208	Kern	Panorama Hills	421	147	EC part of quad	95-M			Miocene			
18209	Kern	Panorama Hills	421	148	EC part of quad	95-M			Miocene			
18210	Kern	Panorama Hills	421	149	EC part of quad	95-M			Miocene			
18211	Kern	Panorama Hills	421	150	EC part of quad	95-M			Miocene			
18212	Kern	Panorama Hills	421	151	EC part of quad	95-M			Miocene			
18213	Kern	Panorama Hills	421	153	EC part of quad	95-M			Miocene			
18214	Kern	Panorama Hills	421	154	Near Mocal Road	95-M			Miocene			
18215	San Luis Obispo	Panorama Hills	849		Crocker Flat	A-13	36/31S/21E	good fauna	no paleo info			
18216	Kern	Panorama Hills	1774		Temblor	73-K		flood Siphog.	no paleo info	Parker		
18217	San Luis Obispo	Panorama Hills	1820		SE part of quad	73-J	Temblor Range	age from map	Lower Mohnian	Carlisle		
18218	San Luis Obispo	Panorama Hills	1845		SE part of quad	73-J			no paleo info	Carlisle		
18219	San Luis Obispo	Panorama Hills	1884		EC part of quad	73-J			no paleo info	Carlisle		
18220	San Luis Obispo	Panorama Hills	1885		EC part of quad	73-J			no paleo info	Carlisle		
18221	San Luis Obispo	Panorama Hills	1886		EC part of quad	73-J			no paleo info	Carlisle		
18222	San Luis Obispo	Panorama Hills	1887		EC part of quad	73-J			no paleo info	Carlisle		
18223	San Luis Obispo	Panorama Hills	1911		SE part of quad	73-K			no paleo info	Carlisle		
18224	San Luis Obispo	Panorama Hills	1915		SE part of quad	73-K		age from map	no paleo info	Carlisle		
18225	San Luis Obispo	Panorama Hills	1938		center of quad	73-K		age from map	no paleo info	Carlisle		
18226	San Luis Obispo	Panorama Hills	1955		Crocker Canyon	81-D			no paleo info	Kriz		
18227	San Luis Obispo	Panorama Hills	1956		Crocker Canyon	81-D			no paleo info	Kriz		
18228	San Luis Obispo	Panorama Hills	1968		Crocker Canyon	81-D			Zemorrian	Kriz		
18229	San Luis Obispo	Panorama Hills	1969		Crocker Canyon	81-D			Zemorrian	Kriz		
18230	San Luis Obispo	Panorama Hills	2020		center of quad	73-L			no paleo info	Parker		
18231	San Luis Obispo	Panorama Hills	2021		center of quad	73-L			no paleo info	Parker		
18232	San Luis Obispo	Panorama Hills	2023		center of quad	73-L			no paleo info	Parker		
18233	San Luis Obispo	Panorama Hills	2024		center of quad	73-L	see La Panza		no paleo info	Parker		
18234	San Luis Obispo	Panorama Hills	2027		not on map	73-L			no paleo info	Parker		
18235	San Luis Obispo	Panorama Hills	2028		center of quad	73-L			no paleo info	Parker		
18236	San Luis Obispo	Panorama Hills	2029		center of quad	73-L		age from map	Lower Miocene	Parker		
18237	San Luis Obispo	Panorama Hills	2030		NW part of quad	73-L			no paleo info	Parker		
18238	San Luis Obispo	Panorama Hills	2031		NW part of quad	73-L	see also SLO	P Robles	no paleo info	Parker		
18239	San Luis Obispo	Panorama Hills	2032		NW part of quad	73-L			no paleo info	Parker		
18240	San Luis Obispo	Panorama Hills	2034		NW part of quad	73-L			no paleo info	Parker		
18241	San Luis Obispo	Panorama Hills	2035		NW part of quad	73-L			no paleo info	Parker		
18242	San Luis Obispo	Panorama Hills	2035		NW part of quad	73-L			no paleo info	Parker		
18243	San Luis Obispo	Panorama Hills	2037		NW part of quad	73-L			no paleo info	Parker		
18244	Kern	Panorama Hills	2047		EC part of quad	73-L	Temblor Range		no paleo info	Parker		
18245	Kern	Panorama Hills	2048		EC part of quad	73-L	Temblor Range		no paleo info	Parker		
18246	Kern	Panorama Hills	2049		EC part of quad	73-L	Temblor Range		no paleo info	Parker		
18247	Kern	Panorama Hills	2751		SW of Dabney Cyr	98-F			have NP list on ca	Gealey		
18248	Kern	Panorama Hills	2752		SW of Dabney Cyr	98-F			no paleo info	Gealey		
18249	Kern	Panorama Hills	2757		SW of Dabney Cyr	98-F			no paleo info	Owens		
18250	Kern	Panorama Hills	2758		SW of Dabney Cyr	98-F			no paleo info	Owens		
18251	Kern	Panorama Hills	2759		SW of Dabney Cyr	98-F			no paleo info	Owens		
18252	Kern	Panorama Hills	2760		SW of Dabney Cyr	98-F	also has # 2952		no paleo info	Owens		
18253	Kern	Panorama Hills	2761		not found	98-F			no paleo info	Owens		
18254	San Luis Obispo	Panorama Hills	9373		Crocker Canyon	155-J	These localities		no paleo info	Hunter & O		
18255	San Luis Obispo	Panorama Hills	9374		Crocker Canyon	155-J	also on San Miguel		no paleo info	Hunter & O		
18256	San Luis Obispo	Panorama Hills	9381		Crocker Canyon	155-J	ditto		no paleo info	Hunter & O		
18257	San Luis Obispo	Panorama Hills	9382		Crocker Canyon	155-J	ditto		no paleo info	Hunter & O		
18258	San Luis Obispo	Panorama Hills	9386		Crocker Canyon	155-J	ditto		no paleo info	Hunter & O		
18259	San Luis Obispo	Panorama Hills	9387		Crocker Canyon	155-J	ditto		no paleo info	Hunter & O		
18260	San Luis Obispo	Panorama Hills	9392		NW part of quad	155-J	ditto		no paleo info	Hunter & O		
18261	San Luis Obispo	Panorama Hills	9393		NW part of quad	155-J	ditto		no paleo info	Hunter & O		
18262	San Luis Obispo	Panorama Hills	9394		NW part of quad	155-J	ditto		no paleo info	Hunter & O		
18263	San Luis Obispo	Panorama Hills	9395		NW part of quad	155-J	ditto		no paleo info	Hunter & O		
18264	San Luis Obispo	Panorama Hills	9396		NW part of quad	155-J	ditto		no paleo info	Hunter & O		
18265	San Luis Obispo	Panorama Hills	9397		NW part of quad	155-J	ditto		no paleo info	Hunter & O		
18266	San Luis Obispo	Panorama Hills	9398		NW part of quad	155-J	ditto		no paleo info	Hunter & O		
18267	San Luis Obispo	Panorama Hills	9399		NW part of quad	155-J	ditto		no paleo info	Hunter & O		
18268	San Luis Obispo	Panorama Hills	13262	1	Recruit Pass	203-N	type picked slide		Relizian			
18269	San Luis Obispo	Panorama Hills	13262	2	Recruit Pass	203-N	type picked slide		Relizian			
18270	San Luis Obispo	Panorama Hills	13262	1	Recruit Pass	203-M			Relizian			
18271	San Luis Obispo	Panorama Hills	13262	2	Recruit Pass	203-M			Relizian			
18272	San Luis Obispo	Panorama Hills	13262	3	Recruit Pass	203-M			Relizian			
18273	San Luis Obispo	Panorama Hills	13262	4	Recruit Pass	203-M			Relizian			
18274	San Luis Obispo	Panorama Hills	13262	5	Recruit Pass	203-M			Relizian			
18275	San Luis Obispo	Panorama Hills	13262	6	Recruit Pass	203-M			Relizian			
18276	San Luis Obispo	Panorama Hills	13262	7	Recruit Pass	203-M			Relizian			

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
18447	Kern	Panorama Hills	13930	162	Crocker Canyon	221-M			M and U Miocene			
18448	Kern	Panorama Hills	13930	168	Crocker Canyon	221-M			M and U Miocene			
18449	Kern	Panorama Hills	13930	178	Crocker Canyon	221-M			M and U Miocene			
18450	Kern	Panorama Hills	13930	182	Crocker Canyon	221-M			M and U Miocene			
18451	Kern	Panorama Hills	13930	184	Crocker Canyon	221-M			M and U Miocene			
18452	Kern	Panorama Hills	13930	190	Crocker Canyon	221-M			M and U Miocene			
18453	Kern	Panorama Hills	13930	191	Crocker Canyon	221-M			M and U Miocene			
18454	Kern	Panorama Hills	13930	192	Crocker Canyon	221-M			M and U Miocene			
18455	Kern	Panorama Hills	13930	193	Crocker Canyon	221-M			M and U Miocene			
18456	Kern	Panorama Hills	13930	195	Crocker Canyon	221-M			M and U Miocene			
18457	Kern	Panorama Hills	13930	197	Crocker Canyon	221-M			M and U Miocene			
18458	Kern	Panorama Hills	13930	201	Crocker Canyon	221-M			M and U Miocene			
18459	Kern	Panorama Hills	13930	216	Crocker Canyon	221-M			M and U Miocene			
18460	Kern	Panorama Hills	13930	226	Crocker Canyon	221-M			M and U Miocene			
18461	Kern	Panorama Hills	13930	227	Crocker Canyon	221-M			M and U Miocene			
18462	Kern	Panorama Hills	13930	237	Crocker Canyon	221-M			M and U Miocene			
18463	Kern	Panorama Hills	13930	238	Crocker Canyon	221-M			M and U Miocene			
18464	Kern	Panorama Hills	13930	241	Crocker Canyon	221-M			M and U Miocene			
18465	Kern	Panorama Hills	13930	244	Crocker Canyon	221-M			M and U Miocene			
18466	Kern	Panorama Hills	13930	245	Crocker Canyon	221-M			M and U Miocene			
18467	Kern	Panorama Hills	13930	246	Crocker Canyon	221-M			M and U Miocene			
18468	Kern	Panorama Hills	13930	247	Crocker Canyon	221-M			M and U Miocene			
18469	Kern	Panorama Hills	13930	248	Crocker Canyon	221-M			M and U Miocene			
18470	Kern	Panorama Hills	13930	248B	Crocker Canyon	221-M			M and U Miocene			
18471	Kern	Panorama Hills	13930	249	Crocker Canyon	221-N			M and U Miocene			
18472	Kern	Panorama Hills	13930	252	Crocker Canyon	221-N			M and U Miocene			
18473	Kern	Panorama Hills	13930	253	Crocker Canyon	221-N			M and U Miocene			
18474	Kern	Panorama Hills	13930	255	Crocker Canyon	221-N			M and U Miocene			
18475	Kern	Panorama Hills	13930	256	Crocker Canyon	221-N			M and U Miocene			
18476	Kern	Panorama Hills	13930	259	Crocker Canyon	221-N			M and U Miocene			
18477	Kern	Panorama Hills	13930	260	Crocker Canyon	221-N			M and U Miocene			
18478	Kern	Panorama Hills	13930	263	Crocker Canyon	221-N			M and U Miocene			
18479	Kern	Panorama Hills	13930	264	Crocker Canyon	221-N			M and U Miocene			
18480	Kern	Panorama Hills	13930	269	Crocker Canyon	221-N			M and U Miocene			
18481	Kern	Panorama Hills	13930	270	Crocker Canyon	221-N			M and U Miocene			
18482	Kern	Panorama Hills	13930	271	Crocker Canyon	221-N			M and U Miocene			
18483	Kern	Panorama Hills	13930	272	Crocker Canyon	221-N			M and U Miocene			
18484	Kern	Panorama Hills	13930	273	Crocker Canyon	221-N			M and U Miocene			
18485	Kern	Panorama Hills	13930	274	Crocker Canyon	221-N			M and U Miocene			
18486	Kern	Panorama Hills	13930	276	Crocker Canyon	221-N			M and U Miocene			
18487	Kern	Panorama Hills	13930	277	Crocker Canyon	221-N			M and U Miocene			
18488	Kern	Panorama Hills	13930	279	Crocker Canyon	221-N			M and U Miocene			
18489	Kern	Panorama Hills	13930	280	Crocker Canyon	221-N			M and U Miocene			
18490	Kern	Panorama Hills	13930	281	Crocker Canyon	221-N			M and U Miocene			
18491	Kern	Panorama Hills	13930	283	Crocker Canyon	221-N			M and U Miocene			
18492	Kern	Panorama Hills	13930	284	Crocker Canyon	221-N			M and U Miocene			
18493	Kern	Panorama Hills	13930	285	Crocker Canyon	221-N			M and U Miocene			
18494	Kern	Panorama Hills	13930	286	Crocker Canyon	221-N			M and U Miocene			
18495	Kern	Panorama Hills	13930	287	Crocker Canyon	221-N			M and U Miocene			
18496	Kern	Panorama Hills	13930	289	Crocker Canyon	221-N			M and U Miocene			
18497	Kern	Panorama Hills	13930	290	Crocker Canyon	221-N			M and U Miocene			
18498	Kern	Panorama Hills	13930	292	Crocker Canyon	221-N			M and U Miocene			
18499	Kern	Panorama Hills	13930	293	Crocker Canyon	221-N			M and U Miocene			
18500	Kern	Panorama Hills	13930	294	Crocker Canyon	221-N			M and U Miocene			
18501	Kern	Panorama Hills	13930	296	Crocker Canyon	221-N			M and U Miocene			
18502	Kern	Panorama Hills	13930	297	Crocker Canyon	221-N			M and U Miocene			
18503	Kern	Panorama Hills	13930	298	Crocker Canyon	221-N			M and U Miocene			
18504	Kern	Panorama Hills	13930	299	Crocker Canyon	221-N			M and U Miocene			
18505	Kern	Panorama Hills	13930	302	Crocker Canyon	221-N			M and U Miocene			
18506	Kern	Panorama Hills	13930	304	Crocker Canyon	221-N			M and U Miocene			
18507	Kern	Panorama Hills	13930	306	Crocker Canyon	221-N			M and U Miocene			
18508	Kern	Panorama Hills	13930	307	Crocker Canyon	221-N			M and U Miocene			
18509	Kern	Panorama Hills	13930	308	Crocker Canyon	221-N			M and U Miocene			
18510	Kern	Panorama Hills	13930	309	Crocker Canyon	221-N			M and U Miocene			
18511	Kern	Panorama Hills	13930	310	Crocker Canyon	221-N			M and U Miocene			
18512	San Luis Obispo	Panorama Hills?	2022		not on map	73-L			no paleo info	Parker		
18513	San Luis Obispo	Panorama Hills?	2025		not on map	73-L			no paleo info	Parker		
18514	San Luis Obispo	Panorama Hills?	9376		not found	155-J	Island		no paleo info	Hunter & O		
18515	San Luis Obispo	Panorama Hills?	9383		Crocker Canyon?	155-J	ditto		no paleo info	Hunter & O		
18516	San Luis Obispo	Panorama Hills?	9389		not found	155-J	ditto		no paleo info	Hunter & O		
18517	San Luis Obispo	Panorama Hills?	9390		not found	155-J	ditto		no paleo info	Hunter & O		
18518	San Luis Obispo	Panorama Hills?	9391		not found	155-J	ditto		no paleo info	Hunter & O		
18519	Monterey	Paraiso Springs	8601		SW corner of quad	81-I	Arroyo Seco		not diagnostic	Stanford		
18520	Monterey	Paraiso Springs	8602		SW corner of quad	81-I	Arroyo Seco		not diagnostic	Stanford		
18521	Monterey	Paraiso Springs	8603		SW corner of quad	81-I	Arroyo Seco		not diagnostic	Stanford		
18522	Monterey	Paraiso Springs	8613		SW corner of quad	81-I			Mohnian	Stanford		
18523	Monterey	Paraiso Springs	8614		SW corner of quad	81-I			Mohnian	Stanford		
18524	Monterey	Paraiso Springs	8615		SW corner of quad	81-I			Mohnian	Stanford		
18525	Monterey	Paraiso Springs	8616		SW corner of quad	81-I			Mohnian	Stanford		
18526	Monterey	Paraiso Springs	8618		SW corner of quad	81-I			not diagnostic	Stanford		
18527	Monterey	Paraiso Springs	8619		SW corner of quad	81-1			Eocene	Stanford		
18528	Monterey	Paraiso Springs	8695		Sweetwater Creek	81-J			Mohnian	Stanford		
18529	Monterey	Paraiso Springs	8696		Sweetwater Creek	81-J			Mohnian	Stanford		
18530	Monterey	Paraiso Springs	9101		S of Paraiso Sprs	42-G	Soledad 15'		Luisian	Ayres & L		
18531	Monterey	Paraiso Springs	9103		S of Paraiso Sprs	42-G	Soledad 15'		Luisian	Ayres & L		

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
18532	Monterey	Paraiso Springs	9104		S of Paraiso Sprs	42-G	Soledad 15'		Luisian	Ayres & L		
18533	Monterey	Paraiso Springs	11722		SW of Olsen Ranc	95-J	Soledad 15'		Luisian	Ayres		
18534	Monterey	Paraiso Springs	11724		SW of Olsen Ranc	95-J	Soledad 15'		Luisian	Ayres		
18535	Monterey	Paraiso Springs	11731		SW of Olsen Ranc	169-C	Soledad 15'		Lower Mohnian	Ayres		
18536	Monterey	Paraiso Springs	11732		SW of Olsen Ranc	169-C	Soledad 15'	rubber casts	Lower Mohnian	Ayres		
18537	Monterey	Paraiso Springs	11832		WC part of quad	95-J	Soledad 15'	see # 11723	Luisian/Mohnian	Kistler &		
18538	Monterey	Paraiso Springs	11845		SW of Olsen Ranc	95-J		rubber casts	Mohnian	Kistler &		
18539	Monterey	Paraiso Springs	11846		SW of Olsen Ranc	95-J			Mohnian	Kistler &		
18540	Monterey	Paraiso Springs	11847		SW of Olsen Ranc	95-J			? Mohnian	Kistler &		
18541	Monterey	Paraiso Springs	11848		SW of Olsen Ranc	95-J		rubber casts	Luisian	Kistler &		
18542	Monterey	Paraiso Springs	11865		SW of Olsen Ranc	95-K			Luisian	Kistler &		
18543	Monterey	Paraiso Springs	11866		SW of Olsen Ranc	95-K			not diagnostic	Kistler &		
18544	Monterey	Paraiso Springs	11867		SW of Olsen Ranc	95-K			Luisian	Kistler &		
18545	Monterey	Paraiso Springs	11868		SW of Olsen Ranc	95-K		rubber casts	Mohnian	Kistler &		
18546	Monterey	Paraiso Springs	11869		SW of Olsen Ranc	95-K			not diagnostic	Kistler &		
18547	Monterey	Paraiso Springs	13670		Reliz Creek	211-C	Paso Robles Fm	reworked fms	Pliocene	Cpm		
18548	Tehama	Paskenta	238	T1 etc	Thomes Creek	149-C	Paskenta 15'	Have many	Jur?	Solari		
18549	Tehama	Paskenta	238	2	Thomes Creek	149-C	Paskenta 15'	duplicates and	Jur?	Solari		
18550	Tehama	Paskenta	238	3	Thomes Creek	149-C	Paskenta 15'	strat column.	Jur or Cret	Solari		
18551	Tehama	Paskenta	238	4	Thomes Creek	149-C	Paskenta 15'	Only localities	Jur or Cret	Solari		
18552	Tehama	Paskenta	238	5	Thomes Creek	149-C	Paskenta 15'	1-22 are on	Jur or Cret	Solari		
18553	Tehama	Paskenta	238	6	Thomes Creek	149-C	Paskenta 15'	map. Where	Jur or Cret	Solari		
18554	Tehama	Paskenta	238	7	Thomes Creek	149-C	Paskenta 15'	are the rest?	Jur or Cret	Solari		
18555	Tehama	Paskenta	238	8	Thomes Creek	149-C	Paskenta 15'		Jur or Cret	Solari		
18556	Tehama	Paskenta	238	9	Thomes Creek	149-C	Paskenta 15'		Jur or Cret	Solari		
18557	Tehama	Paskenta	238	10	Thomes Creek	149-C	Paskenta 15'		Jur or Cret	Solari		
18558	Tehama	Paskenta	238	11	Thomes Creek	149-C	Paskenta 15'		Jur or Cret	Solari		
18559	Tehama	Paskenta	238	12	Thomes Creek	149-C	Paskenta 15'		Jur or Cret	Solari		
18560	Tehama	Paskenta	238	13	Thomes Creek	149-C	Paskenta 15'		Jur or Cret	Solari		
18561	Tehama	Paskenta	238	14	Thomes Creek	149-C	Paskenta 15'		Jur or Cret	Solari		
18562	Tehama	Paskenta	238	15	Thomes Creek	149-C	Paskenta 15'		Jur or Cret	Solari		
18563	Tehama	Paskenta	238	16	Thomes Creek	149-D	Paskenta 15'		Jur or Cret	Solari		
18564	Tehama	Paskenta	238	17	Thomes Creek	149-D	Paskenta 15'		Jur or Cret	Solari		
18565	Tehama	Paskenta	238	18	Thomes Creek	149-D	Paskenta 15'		Jur or Cret	Solari		
18566	Tehama	Paskenta	238	19	Thomes Creek	149-C	Paskenta 15'		Jur or Cret	Solari		
18567	Tehama	Paskenta	238	20	Thomes Creek	149-D	Paskenta 15'		Jur or Cret	Solari		
18568	Tehama	Paskenta	238	21	Thomes Creek	149-D	Paskenta 15'		Jur or Cret	Solari		
18569	Tehama	Paskenta	238	22	Thomes Creek	149-D	Paskenta 15'		Jur?	Solari		
18570	Tehama	Paskenta	238	23	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18571	Tehama	Paskenta	238	24	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18572	Tehama	Paskenta	238	25	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18573	Tehama	Paskenta	238	26	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18574	Tehama	Paskenta	238	27	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18575	Tehama	Paskenta	238	28	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18576	Tehama	Paskenta	238	29	Thomes Creek	149-A	Paskenta 15'		L Cretaceous	Solari		
18577	Tehama	Paskenta	238	30	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18578	Tehama	Paskenta	238	31	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18579	Tehama	Paskenta	238	32	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18580	Tehama	Paskenta	238	33	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18581	Tehama	Paskenta	238	34	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18582	Tehama	Paskenta	238	35	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18583	Tehama	Paskenta	238	36	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18584	Tehama	Paskenta	238	37	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18585	Tehama	Paskenta	238	38	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18586	Tehama	Paskenta	238	40	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18587	Tehama	Paskenta	238	41	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18588	Tehama	Paskenta	238	42	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18589	Tehama	Paskenta	238	43	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18590	Tehama	Paskenta	238	44	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
18591	Tehama	Paskenta	238	45	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
18592	Tehama	Paskenta	238	46	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
18593	Tehama	Paskenta	238	47	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
18594	Tehama	Paskenta	238	48	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
18595	Tehama	Paskenta	238	49	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
18596	Tehama	Paskenta	238	50	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
18597	Tehama	Paskenta	238	51	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
18598	Tehama	Paskenta	238	52	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
18599	Tehama	Paskenta	238	53	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
18600	Tehama	Paskenta	238	54	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
18601	Tehama	Paskenta	238	55	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
18602	Tehama	Paskenta	238	56	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
18603	Tehama	Paskenta	238	57	Thomes Creek	149-D	Paskenta 15'		L Cret K zone	Solari		
18604	Tehama	Paskenta	238	58	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18605	Tehama	Paskenta	238	59	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18606	Tehama	Paskenta	238	60	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18607	Tehama	Paskenta	238	61	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18608	Tehama	Paskenta	238	62	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18609	Tehama	Paskenta	238	63	Thomes Creek	149-D	Paskenta 15'		L Cretaceous	Solari		
18610	Tehama	Paskenta	238	65	Thomes Creek	149-E	Paskenta 15'		L Cretaceous	Solari		
18611	Tehama	Paskenta	238	66	Thomes Creek	149-E	Paskenta 15'		L Cretaceous	Solari		
18612	Tehama	Paskenta	238	67	Thomes Creek	149-E	Paskenta 15'		L Cretaceous	Solari		
18613	Tehama	Paskenta	238	68	Thomes Creek	149-E	Paskenta 15'		L Cretaceous	Solari		
18614	Tehama	Paskenta	238	69	Thomes Creek	149-E	Paskenta 15'		L Cretaceous	Solari		
18615	Tehama	Paskenta	238	70	Thomes Creek	149-E	Paskenta 15'		L Cretaceous	Solari		
18616	Tehama	Paskenta	238	71	Thomes Creek	149-E	Paskenta 15'		L Cretaceous	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		ZONE/SERIES/AG	COLLECTORS		
18702	Tehama	Paskenta	679	16	Nevada Creek	149-K	Paskenta 15'		U Jurassic M zone	Raydon &		
18703	Tehama	Paskenta	679	17	Nevada Creek	149-K	Paskenta 15'		U Jurassic M zone	Raydon &		
18704	Tehama	Paskenta	679	18	Nevada Creek	149-K	Paskenta 15'		U Jurassic M zone	Raydon &		
18705	Tehama	Paskenta	679	19	Nevada Creek	149-K	Paskenta 15'		U Jurassic M zone	Raydon &		
18706	Tehama	Paskenta	679	20	Nevada Creek	149-K	Paskenta 15'		U Jurassic M zone	Raydon &		
18707	Tehama	Paskenta	679	21	Nevada Creek	149-K	Paskenta 15'		U Jurassic M zone	Raydon &		
18708	Tehama	Paskenta	679	22	Nevada Creek	149-K	Paskenta 15'		U Jurassic M zone	Raydon &		
18709	Tehama	Paskenta	679	23	Nevada Creek	149-K	Paskenta 15'		U Jurassic M zone	Raydon &		
18710	Tehama	Paskenta	679	24	Nevada Creek	149-K	Paskenta 15'		Lower Cret L zone	Raydon &		
18711	Tehama	Paskenta	679	25	Nevada Creek	149-K	Paskenta 15'		Lower Cret L zone	Raydon &		
18712	Tehama	Paskenta	679	27	Nevada Creek	149-K	Paskenta 15'		Lower Cret L zone	Raydon &		
18713	Tehama	Paskenta	679	28	Nevada Creek	149-K	Paskenta 15'		Lower Cret L zone	Raydon &		
18714	Tehama	Paskenta	679	29	Nevada Creek	149-K	Paskenta 15'		Lower Cret L zone	Raydon &		
18715	Tehama	Paskenta	679	30	Nevada Creek	149-K	Paskenta 15'		Lower Cret L zone	Raydon &		
18716	Tehama	Paskenta	679	31	Nevada Creek	149-K	Paskenta 15'		Lower Cret L zone	Raydon &		
18717	Tehama	Paskenta	679	32	Nevada Creek	149-K	Paskenta 15'		Lower Cret L zone	Raydon &		
18718	Tehama	Paskenta	679	33	Nevada Creek	149-K	Paskenta 15'		Lower Cret L zone	Raydon &		
18719	Tehama	Paskenta	679	34	Nevada Creek	149-K	Paskenta 15'		Lower Cret L zone	Raydon &		
18720	Tehama	Paskenta	679	35	Nevada Creek	149-K	Paskenta 15'		Lower Cret L zone	Raydon &		
18721	Tehama	Paskenta	679	36	Nevada Creek	149-K	Paskenta 15'		Lower Cret L zone	Raydon &		
18722	Tehama	Paskenta	679	37	Nevada Creek	149-K	Paskenta 15'		Lower Cret L zone	Raydon &		
18723	Tehama	Paskenta	679	38	Nevada Creek	149-K	Paskenta 15'		Lower Cret L zone	Raydon &		
18724	Tehama	Paskenta	679	39	Nevada Creek	149-K	Paskenta 15'		Lower Cret L zone	Raydon &		
18725	Tehama	Paskenta	679	40	Nevada Creek	149-K	Paskenta 15'		Lower Cret L zone	Raydon &		
18726	Tehama	Paskenta	679	41	Nevada Creek	149-K	Paskenta 15'		Lower Cret L zone	Raydon &		
18727	Tehama	Paskenta	679	42	Nevada Creek	149-K	Paskenta 15'		Lower Cret L zone	Raydon &		
18728	Tehama	Paskenta	679	43	Nevada Creek	149-K	Paskenta 15'		Lower Cret L zone	Raydon &		
18729	Tehama	Paskenta	679	44	Nevada Creek	149-K	Paskenta 15'		Lower Cret L zone	Raydon &		
18730	Tehama	Paskenta	679	45	Nevada Creek	149-K	Paskenta 15'		not diagnostic	Raydon &		
18731	Tehama	Paskenta	679	46	Nevada Creek	149-K	Paskenta 15'		not diagnostic	Raydon &		
18732	Tehama	Paskenta	679	47	Nevada Creek	149-K	Paskenta 15'		not diagnostic	Raydon &		
18733	Tehama	Paskenta	679	48	Nevada Creek	149-K	Paskenta 15'		not diagnostic	Raydon &		
18734	Tehama	Paskenta	679	49	Nevada Creek	149-K	Paskenta 15'		not diagnostic	Raydon &		
18735	Tehama	Paskenta	679	50	Nevada Creek	149-K	Paskenta 15'		Lower Cret K zone	Raydon &		
18736	Tehama	Paskenta	679	51	Nevada Creek	149-K	Paskenta 15'		Lower Cret K zone	Raydon &		
18737	Tehama	Paskenta	679	52	Nevada Creek	149-K	Paskenta 15'		Lower Cret K zone	Raydon &		
18738	Tehama	Paskenta	679	53	Nevada Creek	149-K	Paskenta 15'		Lower Cret K zone	Raydon &		
18739	Tehama	Paskenta	679	54	Nevada Creek	149-K	Paskenta 15'		Lower Cret K zone	Raydon &		
18740	Tehama	Paskenta	679	55	Nevada Creek	149-K	Paskenta 15'		Lower Cret K zone	Raydon &		
18741	Tehama	Paskenta	679	56	Nevada Creek	149-L	Paskenta 15'		Lower Cret K zone	Raydon &		
18742	Tehama	Paskenta	679	57	Nevada Creek	149-L	Paskenta 15'		Lower Cret K zone	Raydon &		
18743	Tehama	Paskenta	679	58	Nevada Creek	149-L	Paskenta 15'		Lower Cret K zone	Raydon &		
18744	Tehama	Paskenta	679	59	Nevada Creek	149-L	Paskenta 15'		Lower Cret K zone	Raydon &		
18745	Tehama	Paskenta	679	60	Nevada Creek	149-L	Paskenta 15'		Lower Cret K zone	Raydon &		
18746	Tehama	Paskenta	679	61	Nevada Creek	149-L	Paskenta 15'		not diagnostic	Raydon &		
18747	Tehama	Paskenta	679	62	Nevada Creek	149-L	Paskenta 15'		not diagnostic	Raydon &		
18748	Tehama	Paskenta	679	63	Nevada Creek	149-L	Paskenta 15'		not diagnostic	Raydon &		
18749	Tehama	Paskenta	679	65	Nevada Creek	149-L	Paskenta 15'		not diagnostic	Raydon &		
18750	Tehama	Paskenta	679	66	Nevada Creek	149-L	Paskenta 15'		L Cret J-2 zone	Raydon &		
18751	Tehama	Paskenta	679	67	Nevada Creek	149-L	Paskenta 15'		L Cret J-2 zone	Raydon &		
18752	Tehama	Paskenta	679	68	Nevada Creek	149-L	Paskenta 15'		L Cret J-2 zone	Raydon &		
18753	Tehama	Paskenta	679	69	Nevada Creek	149-L	Paskenta 15'		L Cret J-2 zone	Raydon &		
18754	Tehama	Paskenta	679	70	Nevada Creek	149-L	Paskenta 15'		L Cret J-2 zone	Raydon &		
18755	Tehama	Paskenta	679	71	Nevada Creek	149-L	Paskenta 15'		L Cret J-2 zone	Raydon &		
18756	Tehama	Paskenta	679	72	Nevada Creek	149-L	Paskenta 15'		L Cret J-2 zone	Raydon &		
18757	Tehama	Paskenta	679	73	Nevada Creek	149-L	Paskenta 15'		L Cret J-2 zone	Raydon &		
18758	Tehama	Paskenta	679	74	Nevada Creek	149-L	Paskenta 15'		L Cret J-2 zone	Raydon &		
18759	Tehama	Paskenta	679	75	Nevada Creek	149-L	Paskenta 15'		L Cret J-2 zone	Raydon &		
18760	Tehama	Paskenta	679	76	Nevada Creek	149-L	Paskenta 15'		L Cret J-2 zone	Raydon &		
18761	Tehama	Paskenta	679	77	Nevada Creek	149-L	Paskenta 15'		L Cret J-2 zone	Raydon &		
18762	Tehama	Paskenta	679	78	Nevada Creek	149-L	Paskenta 15'		L Cret J-2 zone	Raydon &		
18763	Tehama	Paskenta	679	79	Nevada Creek	149-L	Paskenta 15'		L Cret J-2 zone	Raydon &		
18764	Tehama	Paskenta	679	80	Nevada Creek	149-L	Paskenta 15'		L Cret J-2 zone	Raydon &		
18765	Tehama	Paskenta	679	81	Nevada Creek	149-L	Paskenta 15'		not diagnostic	Raydon &		
18766	Tehama	Paskenta	679	82	Nevada Creek	149-L	Paskenta 15'		not diagnostic	Raydon &		
18767	Tehama	Paskenta	679	83	Nevada Creek	149-L	Paskenta 15'		L Cret J-1 zone	Raydon &		
18768	Tehama	Paskenta	679	84	Nevada Creek	149-L	Paskenta 15'		L Cret J-1 zone	Raydon &		
18769	Tehama	Paskenta	679	85	Nevada Creek	149-L	Paskenta 15'		L Cret J-1 zone	Raydon &		
18770	Tehama	Paskenta	679	86	Nevada Creek	149-L	Paskenta 15'		L Cret J-1 zone	Raydon &		
18771	San Luis Obispo	Paso Robles	7232		Paso Robles Road	86-M			Middle Miocene	Ortalda		
18772	San Luis Obispo	Paso Robles	7233		Paso Robles Road	86-M			Middle Miocene	Ortalda		
18773	San Luis Obispo	Paso Robles	7244		Peachy Cyn Road	86-M			? Upper Miocene	Ortalda		
18774	Monterey	Paso Robles	20721		Paso Robles Road	219-M			Luisian			
18775	Monterey	Paso Robles	20722	A	Paso Robles Road	219-M			Luisian			
18776	Kern	Pastoria Creek	195	1	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene			
18777	Kern	Pastoria Creek	195	2	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene			
18778	Kern	Pastoria Creek	195	2	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene			
18779	Kern	Pastoria Creek	195	4	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene			
18780	Kern	Pastoria Creek	195	5	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene			
18781	Kern	Pastoria Creek	195	7	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene			
18782	Kern	Pastoria Creek	195	8	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene			
18783	Kern	Pastoria Creek	195	9	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene			
18784	Kern	Pastoria Creek	195	10	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene			
18785	Kern	Pastoria Creek	195	12	Liveoak Canyon	37-K	type Liveoak mbr	Tejon	Eocene			
18786	Kern	Pastoria Creek	195		assemblage slide	74-B	type Liveoak mbr	Tejon	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		ONE/SERIES/AGI	COLLECTORS		
19042	Stanislaus	Patterson	23844	36	center of quad	236-F	Seis line C-284		no paleo info			
19043	Stanislaus	Patterson	23844	37	center of quad	236-F	Seis line C-284		no paleo info			
19044	Stanislaus	Patterson	23844	38	center of quad	236-F	Seis line C-284		no paleo info			
19045	Stanislaus	Patterson	23844	39	center of quad	236-F	Seis line C-284		no paleo info			
19046	Stanislaus	Patterson	23844	40	center of quad	236-F	Seis line C-284		no paleo info			
19047	Stanislaus	Patterson	23844	41	center of quad	236-F	Seis line C-284		no paleo info			
19048	Stanislaus	Patterson	23844	42	center of quad	236-F	Seis line C-284		no paleo info			
19049	Stanislaus	Patterson	23844	43	center of quad	236-F	Seis line C-284		no paleo info			
19050	Stanislaus	Patterson	23844	TH	center of quad	236-F	Seis line C-284		no paleo info			
19051	Stanislaus	Patterson	23845	1	not on map	260-F	Seismic line Q-93		no paleo info			
19052	Stanislaus	Patterson	23845	2	not on map	260-F	Seismic line Q-93		no paleo info			
19053	Stanislaus	Patterson	23845	3	not on map	260-F	Seismic line Q-93		no paleo info			
19054	Stanislaus	Patterson	23845	4	not on map	260-F	Seismic line Q-93		no paleo info			
19055	Stanislaus	Patterson	23845	5	not on map	260-F	Seismic line Q-93		no paleo info			
19056	Stanislaus	Patterson	23845	6	not on map	260-F	Seismic line Q-93		no paleo info			
19057	Stanislaus	Patterson	23845	7	not on map	260-G	Seismic line Q-93		no paleo info			
19058	Stanislaus	Patterson	23845	8	not on map	260-G	Seismic line Q-93		no paleo info			
19059	Stanislaus	Patterson	23845	9	not on map	260-G	Seismic line Q-93		no paleo info			
19060	Stanislaus	Patterson	23845	9B	not on map	260-G	Seismic line Q-93		no paleo info			
19061	Stanislaus	Patterson	23845	10	not on map	260-G	Seismic line Q-93		no paleo info			
19062	Stanislaus	Patterson	23845	11	not on map	260-G	Seismic line Q-93		no paleo info			
19063	Stanislaus	Patterson	23845	11B	not on map	260-G	Seismic line Q-93		no paleo info			
19064	Stanislaus	Patterson	23845	12A	not on map	260-G	Seismic line Q-93		no paleo info			
19065	Stanislaus	Patterson	23845	12B	not on map	260-G	Seismic line Q-93		no paleo info			
19066	Stanislaus	Patterson	23845	13	not on map	260-G	Seismic line Q-93		no paleo info			
19067	Stanislaus	Patterson	23845	14	not on map	260-G	Seismic line Q-93		no paleo info			
19068	Stanislaus	Patterson	23845	15	not on map	260-G	Seismic line Q-93		no paleo info			
19069	Stanislaus	Patterson	23845	16	not on map	260-G	Seismic line Q-93		no paleo info			
19070	Stanislaus	Patterson	23845	17	not on map	260-G	Seismic line Q-93		no paleo info			
19071	Stanislaus	Patterson	23845	18	not on map	260-G	Seismic line Q-93		no paleo info			
19072	Stanislaus	Patterson	23845	19	not on map	260-G	Seismic line Q-93		no paleo info			
19073	Stanislaus	Patterson	23845	20	not on map	260-G	Seismic line Q-93		no paleo info			
19074	Stanislaus	Patterson	23845	21	not on map	260-G	Seismic line Q-93		no paleo info			
19075	Stanislaus	Patterson	23845	22	not on map	260-G	Seismic line Q-93		no paleo info			
19076	Stanislaus	Patterson	23845	23	not on map	260-G	Seismic line Q-93		no paleo info			
19077	Santa Barbara	Peak Mountain	1609		NW part of quad	40-L	McPherson Pk 15'	age from map	Upper Miocene	Klemme		
19078	Santa Barbara	Peak Mountain	1671		NE part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
19079	Santa Barbara	Peak Mountain	1675		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
19080	Santa Barbara	Peak Mountain	1676		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
19081	Santa Barbara	Peak Mountain	1677		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
19082	Santa Barbara	Peak Mountain	1678		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
19083	Santa Barbara	Peak Mountain	1679		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
19084	Santa Barbara	Peak Mountain	1680		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
19085	Santa Barbara	Peak Mountain	1681		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
19086	Santa Barbara	Peak Mountain	1682		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
19087	Santa Barbara	Peak Mountain	1683		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
19088	Santa Barbara	Peak Mountain	1684		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
19089	Santa Barbara	Peak Mountain	1685		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
19090	Santa Barbara	Peak Mountain	1686		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
19091	Santa Barbara	Peak Mountain	1687		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
19092	Santa Barbara	Peak Mountain	1688		NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
19093	Santa Barbara	Peak Mountain	1688	A	NW part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
19094	Santa Barbara	Peak Mountain	1689		SE part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
19095	Santa Barbara	Peak Mountain	1690		SE part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
19096	Santa Barbara	Peak Mountain	1691		SE part of quad	40-L	McPherson Pk 15'		no paleo info	Klemme		
19097	Santa Barbara	Peak Mountain	1725		SE part of quad	40-M	McPherson Pk 15'		no paleo info	Klemme		
19098	Santa Barbara	Peak Mountain	1726		SE part of quad	40-M	McPherson Pk 15'		no paleo info	Klemme		
19099	Santa Barbara	Peak Mountain	1727		SE part of quad	40-M	McPherson Pk 15'		no paleo info	Klemme		
19100	Santa Barbara	Peak Mountain	21027		Grey Ranch	189-A	McPherson Pk 15'		no paleo info	Drummond		
19101	Santa Barbara	Peak Mountain	21028	A	Deadman Creek	189-A	McPherson Pk 15'		no paleo info	Drummond		
19102	Santa Barbara	Peak Mountain	21028	B	Deadman Creek	189-A	McPherson Pk 15'		no paleo info	Drummond		
19103	Santa Barbara	Peak Mountain	21028	C	Deadman Creek	189-A	McPherson Pk 15'		no paleo info	Drummond		
19104	Santa Barbara	Peak Mountain	21028	D	Deadman Creek	189-A	McPherson Pk 15'		no paleo info	Drummond		
19105	Santa Barbara	Peak Mountain?	1692		not found	40-L	McPherson Pk 15'		no paleo info	Klemme		
19106	San Luis Obispo	Pentland	15	13	Cienega Canyon	144-G			no paleo info			
19107	San Luis Obispo	Pentland	15	21	Cienega Canyon	144-G			no paleo info			
19108	Kern	Pentland	432	149	SW of Hazelton	100-I			no paleo info	Parker		
19109	Kern	Pentland	432	150	SW of Hazelton	100-I			no paleo info	Parker		
19110	Kern	Pentland	432	152	SW of Hazelton	100-I			no paleo info	Parker		
19111	Kern	Pentland	432	153	SW of Hazelton	100-I			no paleo info	Parker		
19112	Kern	Pentland	432	154	SW of Hazelton	100-I			no paleo info	Parker		
19113	Kern	Pentland	432	155	SW of Hazelton	100-I			no paleo info	Parker		
19114	Kern	Pentland	432	156	SW of Hazelton	100-I			no paleo info	Parker		
19115	Kern	Pentland	432	157	SW of Hazelton	100-I			no paleo info	Parker		
19116	Kern	Pentland	432	158	SW of Hazelton	100-I			no paleo info	Parker		
19117	Kern	Pentland	432	159	SW of Hazelton	100-I			no paleo info	Parker		
19118	Kern	Pentland	432	160	SW of Hazelton	100-I			no paleo info	Parker		
19119	Kern	Pentland	432	slide 1	SW of Hazelton	243-J			no paleo info			
19120	Kern	Pentland?	341	P8	Did not find	66-N			no paleo info	Darke		
19121	Humboldt	Petrolia	22370	3	Mattole Point	239-F	Cp Mendocino 15'	abun planktics	prob Miocene			
19122	Humboldt	Petrolia	22370	4	Mattole Point	239-F	Cp Mendocino 15'	N of mouth	not diagnostic			
19123	Humboldt	Petrolia	22370	5	Mattole Point	239-F	Cp Mendocino 15'	Mattole river	not diagnostic			
19124	Humboldt	Petrolia	22370	6	Mattole Point	239-F	Cp Mendocino 15'		poss U Miocene			
19125	Humboldt	Petrolia	22370	7	Mattole Point	239-F	Cp Mendocino 15'		not diagnostic			
19126	Humboldt	Petrolia	22370	8S	Mattole Point	239-G	Cp Mendocino 15'	abun planktics	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		
19127	Humboldt	Petrolia	22370	8H	Mattole Point	239-G	Cp Mendocino 15'	abun planktics	not diagnostic			
19128	Humboldt	Petrolia	22370	10	Mattole Point	239-G	Cp Mendocino 15'		not diagnostic			
19129	Humboldt	Petrolia	22370	11	Mattole Point	239-G	Cp Mendocino 15'	diatoms abun	not diagnostic			
19130	Humboldt	Petrolia	22370	12	Mattole Point	239-G	Cp Mendocino 15'		prob U Miocene			
19131	Humboldt	Petrolia	22370	13	Mattole Point	239-G	Cp Mendocino 15'		prob U Miocene			
19132	Humboldt	Petrolia	22370	14	Mattole Point	239-G	Cp Mendocino 15'		prob U Miocene			
19133	Humboldt	Petrolia	22370	18	Mattole Point	239-G	Cp Mendocino 15'		prob U Miocene			
19134	Humboldt	Petrolia	22370	19	Mattole Point	239-G	Cp Mendocino 15'		prob U Miocene			
19135	Humboldt	Petrolia	22370	20	Mattole Point	239-G	Cp Mendocino 15'	com planktics	prob U Miocene			
19136	Humboldt	Petrolia	22370	22	Mattole Point	239-G	Cp Mendocino 15'	com planktics	prob U Miocene			
19137	Humboldt	Petrolia	22371	1	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
19138	Humboldt	Petrolia	22371	2	Domingo Creek	239-N	Cp Mendocino 15'	com planktics	Miocene/Pliocene			
19139	Humboldt	Petrolia	22371	3	Domingo Creek	239-N	Cp Mendocino 15'	com planktics	Miocene/Pliocene			
19140	Humboldt	Petrolia	22371	4	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
19141	Humboldt	Petrolia	22371	5	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
19142	Humboldt	Petrolia	22371	6	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
19143	Humboldt	Petrolia	22371	7	Domingo Creek	239-N	Cp Mendocino 15'	com planktics	Miocene/Pliocene			
19144	Humboldt	Petrolia	22371	8	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
19145	Humboldt	Petrolia	22371	9	Domingo Creek	239-N	Cp Mendocino 15'	com planktics	Delmontian			
19146	Humboldt	Petrolia	22371	10	Domingo Creek	239-N	Cp Mendocino 15'		not diagnostic			
19147	Humboldt	Petrolia	22371	11	Domingo Creek	239-N	Cp Mendocino 15'		prob U Miocene			
19148	Humboldt	Petrolia	22371	12	Domingo Creek	239-N	Cp Mendocino 15'		prob U Miocene			
19149	Humboldt	Petrolia	22371	14	Domingo Creek	239-N	Cp Mendocino 15'		prob U Miocene			
19150	Humboldt	Petrolia	22371	15	Domingo Creek	239-N	Cp Mendocino 15'		prob U Miocene			
19151	Humboldt	Petrolia	22371	16	Domingo Creek	239-N	Cp Mendocino 15'		not diagnostic			
19152	Humboldt	Petrolia	22371	18	Domingo Creek	239-N	Cp Mendocino 15'		prob U Miocene			
19153	Humboldt	Petrolia	22371	19	Domingo Creek	239-N	Cp Mendocino 15'		Delmontian			
19154	Humboldt	Petrolia	22371	20	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
19155	Humboldt	Petrolia	22371	21	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
19156	Humboldt	Petrolia	22371	22	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
19157	Humboldt	Petrolia	22371	23	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
19158	Humboldt	Petrolia	22371	24	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
19159	Humboldt	Petrolia	22371	25	Domingo Creek	239-N	Cp Mendocino 15'		Miocene/Pliocene			
19160	Humboldt	Petrolia	22371	26	Domingo Creek	239-N	Cp Mendocino 15'	com planktics	Pliocene			
19161	Humboldt	Petrolia	22371	27	Domingo Creek	239-N	Cp Mendocino 15'	com planktics	Pseudosaucian			
19162	Humboldt	Petrolia	22706	1	Domingo Ck	244-D	Cp Mendocino 15'		poss Pseudosaucian			
19163	Humboldt	Petrolia	22706	2	Domingo Ck	244-D	Cp Mendocino 15'	planktics com	Pseudosaucian			
19164	Humboldt	Petrolia	22706	4	Domingo Ck	244-D	Cp Mendocino 15'		Miocene/Pliocene			
19165	Humboldt	Petrolia	22710		N Fork Mattole R	244-D	Cp Mendocino 15'		Miocene/Pliocene			
19166	Humboldt	Petrolia	22711	2	Domingo Ck	244-D	Cp Mendocino 15'		Miocene/Pliocene			
19167	Humboldt	Petrolia	22712	1	McNutt Gulch	244-D	Cp Mendocino 15'	abun planktics	Miocene/Pliocene			
19168	Humboldt	Petrolia	22713		Wildcat Gulch	244-D	Cp Mendocino 15'	planktics com	Lower Pliocene			
19169	Humboldt	Petrolia	22715		in Petrolia	244-D	Cp Mendocino 15'		Miocene/Pliocene	Godsey &		
19170	Humboldt	Petrolia	22716		W of Petrolia	244-D	Cp Mendocino 15'		Miocene/Pliocene			
19171	Humboldt	Petrolia	22717		NW of Petrolia	244-D	Cp Mendocino 15'		Miocene/Pliocene			
19172	Humboldt	Petrolia	22839	2A	NW part of quad	244-E	Cp Mendocino 15'		Miocene/Pliocene			
19173	Humboldt	Petrolia	22839	2B	NW part of quad	244-E	Cp Mendocino 15'		Miocene/Pliocene			
19174	Humboldt	Petrolia	22840	1	NW of Petrolia	244-E	Cp Mendocino 15'		Miocene/Pliocene			
19175	Humboldt	Petrolia	22841	1A	W of Petrolia	244-E	Cp Mendocino 15'		Miocene/Pliocene			
19176	Humboldt	Petrolia	22841	1B	Eel River auger	244-E	Cp Mendocino 15'		Miocene/Pliocene			
19177	Humboldt	Petrolia	22841	2A	Eel River auger	244-E	Cp Mendocino 15'		Miocene/Pliocene			
19178	Humboldt	Petrolia	22841	2B	Eel River auger	244-E	Cp Mendocino 15'		Miocene/Pliocene			
19179	Humboldt	Petrolia	22841	3	Eel River auger	244-E	Cp Mendocino 15'		Miocene/Pliocene			
19180	Humboldt	Petrolia	22841	4	Eel River auger	244-E	Cp Mendocino 15'		Miocene/Pliocene			
19181	Humboldt	Petrolia	22841	5A	Eel River auger	244-E	Cp Mendocino 15'		Miocene/Pliocene			
19182	Humboldt	Petrolia	22841	5B	Eel River auger	244-E	Cp Mendocino 15'		Miocene/Pliocene			
19183	Humboldt	Petrolia	22843	1	Eel River auger	244-E	Cp Mendocino 15'		prob Mio/Pliocene			
19184	Humboldt	Petrolia	22843	2	N of Petrolia	244-E	Cp Mendocino 15'		prob Mio/Pliocene			
19185	Humboldt	Petrolia	22875	1	Domingo Creek	162-B	Cp Mendocino 15'		not diagnostic			
19186	Humboldt	Petrolia	22875	1A	Domingo Creek	162-B	Cp Mendocino 15'		not diagnostic			
19187	Humboldt	Petrolia	22875	2	Domingo Creek	162-B	Cp Mendocino 15'	good fauna	Pseudosaucian			
19188	Humboldt	Petrolia	22875	3	Domingo Creek	162-B	Cp Mendocino 15'	good fauna	Pseudosaucian			
19189	Humboldt	Petrolia	22875	4	Domingo Creek	162-B	Cp Mendocino 15'	good fauna	Lower Pliocene			
19190	Humboldt	Petrolia	22875	5	Domingo Creek	162-B	Cp Mendocino 15'	good fauna	Lower Pliocene			
19191	Humboldt	Petrolia	22875	6	Domingo Creek	162-B	Cp Mendocino 15'	good fauna	Lower Pliocene			
19192	Humboldt	Petrolia	22875	7	Domingo Creek	162-B	Cp Mendocino 15'	good fauna	Lower Pliocene			
19193	Humboldt	Petrolia	22875	8	Domingo Creek	162-B	Cp Mendocino 15'		Lower Pliocene			
19194	Humboldt	Petrolia	23821	hole A	near Petrolia	177-K	Cp Mendocino 15'	seismic hole	no paleo info			
19195	Humboldt	Petrolia	23821	hole A	near Petrolia	177-K	Cp Mendocino 15'	cores.	no paleo info			
19196	Humboldt	Petrolia	23821	hole B	near Petrolia	177-K	Cp Mendocino 15'	not on map	no paleo info			
19197	Humboldt	Petrolia	23821	hole B	near Petrolia	177-K	Cp Mendocino 15'	not on map	no paleo info			
19198	Humboldt	Petrolia	23821	hole B	near Petrolia	177-K	Cp Mendocino 15'	not on map	no paleo info			
19199	Humboldt	Petrolia	23821	hole C	near Petrolia	177-K	Cp Mendocino 15'	not on map	no paleo info			
19200	Mendocino	Piercy	22730		Piercy area	244-D	Piercy 15'		not diagnostic			
19201	Mendocino	Piercy	22731	1	Piercy area	244-D	Piercy 15'		not diagnostic			
19202	Mendocino	Piercy	22731	2	Piercy area	244-D	Piercy 15'		not diagnostic			
19203	Humboldt	Piercy	22860	1A	NE part of quad	244-H	Piercy 15'		Mohanian			
19204	Humboldt	Piercy	22860	1B	NE part of quad	244-H	Piercy 15'		prob U Miocene			
19205	Humboldt	Piercy	22860	1C	NE part of quad	244-H	Piercy 15'		prob U Miocene			
19206	Humboldt	Piercy	22860	2A	NE part of quad	244-H	Piercy 15'		not diagnostic			
19207	Humboldt	Piercy	22860	2B	NE part of quad	244-H	Piercy 15'		not diagnostic			
19208	San Mateo	Pigeon Point	24062	1	Pigeon Point	99-F	24/9S/5W (SLP)		not diagnostic			
19209	Ventura	Piru	35	1	SW part of quad	23-N			Saucian			
19210	Ventura	Piru	35	3	SW part of quad	23-N			Saucian			
19211	Ventura	Piru	35	4	SW part of quad	23-N			Saucian			

	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		
19212	Ventura	Piru	35	5	SW part of quad	23-N			Saucesian			
19213	Ventura	Piru	35	9	SW part of quad	23-N			Upper Saucesian			
19214	Ventura	Piru	35	12	SW part of quad	23-N			not diagnostic			
19215	Ventura	Piru	273	1	Hopper Canyon	9-N			no paleo info			
19216	Ventura	Piru	273	3	Hopper Canyon	9-N			no paleo info			
19217	Ventura	Piru	273	4	Hopper Canyon	9-N			Miocene			
19218	Ventura	Piru	273	5	Hopper Canyon	9-N			no paleo info			
19219	Ventura	Piru	273	13	Hopper Canyon	9-N			Miocene			
19220	Ventura	Piru	273	14	Hopper Canyon	9-N			no paleo info			
19221	Ventura	Piru	273	16	Hopper Canyon	9-N			Miocene			
19222	Ventura	Piru	273	17	Hopper Canyon	9-N			Miocene			
19223	Ventura	Piru	273	19	Hopper Canyon	9-N			no paleo info			
19224	Ventura	Piru	273	20	Hopper Canyon	9-N			no paleo info			
19225	Ventura	Piru	273	21	Hopper Canyon	9-N			no paleo info			
19226	Ventura	Piru	273	23	Hopper Canyon	9-N			no paleo info			
19227	Ventura	Piru	273	25	Hopper Canyon	9-N			no paleo info			
19228	Ventura	Piru	273	27	Hopper Canyon	9-N			no paleo info			
19229	Ventura	Piru	301	2	Modelo Canyon	9-M			Middle Miocene			
19230	Ventura	Piru	301	3	Modelo Canyon	9-M			Luisian			
19231	Ventura	Piru	301	4	Modelo Canyon	9-M			Luisian			
19232	Ventura	Piru	301	7	Modelo Canyon	9-M			not diagnostic			
19233	Ventura	Piru	301	9	Modelo Canyon	9-M			not diagnostic			
19234	Ventura	Piru	301	10	Modelo Canyon	9-M			not diagnostic			
19235	Ventura	Piru	301	13	Modelo Canyon	9-M			barren			
19236	Ventura	Piru	301	15	Modelo Canyon	9-M			not diagnostic			
19237	Ventura	Piru	301	16	Modelo Canyon	9-M			not diagnostic			
19238	Ventura	Piru	2319		NE part of quad	18-E			no paleo info			
19239	Ventura	Piru	2623	L	West of Piru	89-M			no paleo info	Papp		
19240	Ventura	Piru	2623	N	West of Piru	89-M			no paleo info	Papp		
19241	Ventura	Piru	2623	O	West of Piru	89-M			no paleo info	Papp		
19242	Ventura	Piru	2623	P	West of Piru	89-M			no paleo info	Papp		
19243	Ventura	Piru	2624		West of Piru	89-M			no paleo info	Papp		
19244	Ventura	Piru	2659		EC part of quad	37-E			no paleo info			
19245	Ventura	Piru	2659	2	EC part of quad	37-E			no paleo info			
19246	Ventura	Piru	2659	D-4	EC part of quad	37-E			no paleo info			
19247	Ventura	Piru	2659	3	EC part of quad	37-E			no paleo info			
19248	Ventura	Piru	2659	D-3	EC part of quad	37-E			no paleo info			
19249	Ventura	Piru	2659	D	EC part of quad	37-E			no paleo info			
19250	Ventura	Piru	3762		Arundell Peak	9-N	also has #3822	Modelo Fm	Miocene?			
19251	Ventura	Piru	3822		Lime Canyon	9-N	see # 3762		no paleo info			
19252	Ventura	Piru	3823		Lime Canyon	9-M			Mohnian?			
19253	Ventura	Piru	3824		Edwards Canyon	9-M			no paleo info			
19254	Ventura	Piru	5005	A	Holser Canyon	37-E			no paleo info			
19255	Ventura	Piru	5005	B	Holser Canyon	37-E			no paleo info			
19256	Ventura	Piru	5005	C	Holser Canyon	37-E			no paleo info			
19257	Ventura	Piru	5005	D	Holser Canyon	37-E			no paleo info			
19258	Ventura	Piru	5005	E	Holser Canyon	37-E			no paleo info			
19259	Ventura	Piru	5005		Holser Canyon	37-E			no paleo info			
19260	Ventura	Piru	5006		Holser Canyon	37-E			no paleo info			
19261	Ventura	Piru	5006	A	Holser Canyon	37-E			no paleo info			
19262	Ventura	Piru	5006	RS	Holser Canyon	37-E			no paleo info			
19263	Ventura	Piru	5022	B	Holser Canyon	37-N			no paleo info			
19264	Ventura	Piru	5031	1	Holser Canyon	37-F			no paleo info			
19265	Ventura	Piru	5031	1-B	Holser Canyon	37-F			no paleo info			
19266	Ventura	Piru	5031	B	Holser Canyon	37-F			no paleo info			
19267	Ventura	Piru	5032		Holser Canyon	37-F			no paleo info			
19268	Ventura	Piru	5034		Holser Canyon	37-F			no paleo info			
19269	Ventura	Piru	6491		not on map	60-J			no paleo info			
19270	Ventura	Piru	6492		not on map	60-J			no paleo info			
19271	Ventura	Piru	6493		SW corner of quad	60-J			no paleo info			
19272	San Luis Obispo	Pismo Beach	10	93	Along Hwy 101	68-H	Arroyo Grande 15'		no paleo info			
19273	San Luis Obispo	Pismo Beach	10	93	Along Hwy 102	68-H	Arroyo Grande 15'		no paleo info			
19274	San Luis Obispo	Pismo Beach	10	94	Along Hwy 103	68-H	Arroyo Grande 15'		no paleo info			
19275	San Luis Obispo	Pismo Beach	1185		NE part of quad	69-A	Arroyo Grande 15'		no paleo info			
19276	San Luis Obispo	Pismo Beach	1186		NE part of quad	69-A	Arroyo Grande 15'		no paleo info			
19277	San Luis Obispo	Pismo Beach	1187		NE part of quad	69-A	Arroyo Grande 15'		no paleo info			
19278	San Luis Obispo	Pismo Beach	1188		NE part of quad	69-A	Arroyo Grande 15'		no paleo info			
19279	San Luis Obispo	Pismo Beach	1189		NE part of quad	69-A	Arroyo Grande 15'		no paleo info			
19280	San Luis Obispo	Pismo Beach	1508		SE corner of quad	22-G	Arroyo Grande 15'		no paleo info			
19281	San Luis Obispo	Pismo Beach	1515		NC part of quad	69-A	Arroyo Grande 15'	#1515 says	no paleo info			
19282	San Luis Obispo	Pismo Beach	1516		Indian Knob	22-G	Arroyo Grande 15'		no paleo info			
19283	San Luis Obispo	Pismo Beach	1517		NC part of quad	22-G	Arroyo Grande 15'		no paleo info			
19284	San Luis Obispo	Pismo Beach	1518		center of quad	22-G	Arroyo Grande 15'		no paleo info			
19285	San Luis Obispo	Pismo Beach	6076		E of Avila	66-E	Arroyo Grande 15'		no paleo info			
19286	San Luis Obispo	Pismo Beach	6078		E of Avila	65-D	see loc 5172 for	strat column	Relizian			
19287	San Luis Obispo	Pismo Beach	7538		NE of Avila	66-L	Arroyo Grande 15'		no paleo info			
19288	San Luis Obispo	Pismo Beach	11493		SE part of quad	191-B	Arroyo Grande 15'	fair fauna	no paleo info	GSA 1967		
19289	San Luis Obispo	Pismo Beach	30983	1	E of Avila Beach	99-H	Arroyo Grande 15'		Middle Miocene			
19290	San Luis Obispo	Pismo Beach	30983	2	E of Avila Beach	99-H	Arroyo Grande 15'		Relizian			
19291	San Luis Obispo	Pismo Beach	30983	3	E of Avila Beach	99-H	Arroyo Grande 15'		Relizian			
19292	San Luis Obispo	Pismo Beach	30983	4	E of Avila Beach	99-H	Arroyo Grande 15'		barren			
19293	San Luis Obispo	Pismo Beach	30983	5	E of Avila Beach	99-H	Arroyo Grande 15'		not diagnostic			
19294	San Luis Obispo	Pismo Beach	30983	6	E of Avila Beach	99-H	Arroyo Grande 15'		not diagnostic			
19295	San Luis Obispo	Pismo Beach	30983	7	E of Avila Beach	99-H	Arroyo Grande 15'		Lower Mohnian			
19296	San Luis Obispo	Pismo Beach	30983	8	E of Avila Beach	99-H	Arroyo Grande 15'		barren			

	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		
19297	San Luis Obispo	Pismo Beach	30983	9	E of Avila Beach	99-H	Arroyo Grande 15'		not diagnostic			
19298	San Luis Obispo	Pismo Beach	30983	10	E of Avila Beach	99-H	Arroyo Grande 15'		Lower Mohnian			
19299	San Luis Obispo	Pismo Beach	30983	11	E of Avila Beach	99-H	Arroyo Grande 15'		Lower Mohnian			
19300	San Luis Obispo	Pismo Beach	30983	12	E of Avila Beach	99-H	Arroyo Grande 15'		Upper Miocene			
19301	San Luis Obispo	Pismo Beach	30983	13	E of Avila Beach	99-H	Arroyo Grande 15'		not diagnostic			
19302	San Luis Obispo	Pismo Beach	30983	14	E of Avila Beach	99-H	Arroyo Grande 15'		not diagnostic			
19303	San Luis Obispo	Pismo Beach	30983	15	E of Avila Beach	99-H	Arroyo Grande 15'		not diagnostic			
19304	San Luis Obispo	Pismo Beach	30983	16	E of Avila Beach	99-H	Arroyo Grande 15'		not diagnostic			
19305	San Luis Obispo	Pismo Beach	30983	17	E of Avila Beach	99-H	Arroyo Grande 15'		not diagnostic			
19306	San Luis Obispo	Pismo Beach	30983	18	E of Avila Beach	99-H	Arroyo Grande 15'		not diagnostic			
19307	San Luis Obispo	Pismo Beach	2179		E of Avila	69-H	Arroyo Grande 15'		not diagnostic			
19308	San Luis Obispo	Pismo Beach	2180		NE of Avila	69-H	Arroyo Grande 15'		Miocene			
19309	San Luis Obispo	Pismo Beach	2181		NE of Avila	69-H	Arroyo Grande 15'		Lower Relizian			
19310	San Luis Obispo	Pismo Beach	2182		NE of Avila	69-H	Arroyo Grande 15'		Lower Relizian			
19311	San Luis Obispo	Pismo Beach	2183		NE of Avila	69-H	Arroyo Grande 15'		Lower Relizian			
19312	San Luis Obispo	Pismo Beach	2184		E of Avila	69-H	Arroyo Grande 15'		not diagnostic			
19313	San Luis Obispo	Pismo Beach	2186		W of Avila	69-H	Arroyo Grande 15'		Upper Miocene			
19314	San Luis Obispo	Pismo Beach?	2189		NC part of quad	69-H	Arroyo Grande 15'		Zemorrian			
19315	San Luis Obispo	Pismo Beach?	2189		NC part of quad	10-A	Arroyo Grande 15'		Zemorrian	Heuter 1		
19316	Ventura	Pitas Point	7	4	Las Sauces Ck	5-B			Pliocene			
19317	Ventura	Pitas Point	7	5	Las Sauces Ck	5-B			Pliocene			
19318	Ventura	Pitas Point	7	6	Las Sauces Ck	5-B			Pliocene			
19319	Ventura	Pitas Point	7	7	Las Sauces Ck	5-B			Pliocene			
19320	Ventura	Pitas Point	7	8	Las Sauces Ck	5-B			Pliocene			
19321	Ventura	Pitas Point	7	9	Las Sauces Ck	5-B			Pliocene			
19322	Ventura	Pitas Point	7	10	Las Sauces Ck	5-B			Pliocene			
19323	Ventura	Pitas Point	7	11A	Las Sauces Ck	5-B			Pliocene			
19324	Ventura	Pitas Point	7	11B	Las Sauces Ck	5-B			Pliocene			
19325	Ventura	Pitas Point	7	13	Las Sauces Ck	5-B			Pliocene			
19326	Ventura	Pitas Point	7	14	Las Sauces Ck	5-B			Pliocene			
19327	Ventura	Pitas Point	7	15	Las Sauces Ck	5-B			Pliocene			
19328	Ventura	Pitas Point	7	16	Las Sauces Ck	5-B			Pliocene			
19329	Ventura	Pitas Point	7	17	Las Sauces Ck	5-B			Pliocene			
19330	Ventura	Pitas Point	7	18	Las Sauces Ck	5-B			Pliocene			
19331	Ventura	Pitas Point	7	19	Las Sauces Ck	5-B			Pliocene			
19332	Ventura	Pitas Point	7	20	Las Sauces Ck	5-B			Pliocene			
19333	Ventura	Pitas Point	7	21	Las Sauces Ck	5-B			Pliocene			
19334	Ventura	Pitas Point	7	22	Las Sauces Ck	5-B			Pliocene			
19335	Ventura	Pitas Point	7	23	Las Sauces Ck	5-B			Pliocene			
19336	Ventura	Pitas Point	7	24	Las Sauces Ck	5-B			Pliocene			
19337	Ventura	Pitas Point	8	1	Padre Cyn	5-B			no age provided			
19338	Ventura	Pitas Point	8	2	Padre Cyn	5-B			no age provided			
19339	Ventura	Pitas Point	8	3	Padre Cyn	5-B			no age provided			
19340	Ventura	Pitas Point	8	4	Padre Cyn	5-B			no age provided			
19341	Ventura	Pitas Point	8	5	Padre Cyn	5-B			no age provided			
19342	Ventura	Pitas Point	8	6	Padre Cyn	5-B			no age provided			
19343	Ventura	Pitas Point	8	7	Padre Cyn	5-B			no age provided			
19344	Ventura	Pitas Point	8	8	Padre Cyn	5-B			no age provided			
19345	Ventura	Pitas Point	8	9	Padre Cyn	5-B			no age provided			
19346	Ventura	Pitas Point	8	10	Padre Cyn	5-B			no age provided			
19347	Ventura	Pitas Point	8	11	Padre Cyn	5-B			no age provided			
19348	Ventura	Pitas Point	8	12	Padre Cyn	5-B			no age provided			
19349	Ventura	Pitas Point	8	13	Padre Cyn	5-B			no age provided			
19350	Ventura	Pitas Point	8	14	Padre Cyn	5-B			no age provided			
19351	Ventura	Pitas Point	8	15	Padre Cyn	5-B			no age provided			
19352	Ventura	Pitas Point	8	16	Padre Cyn	5-B			no age provided			
19353	Ventura	Pitas Point	8	17	Padre Cyn	5-B			no age provided			
19354	Ventura	Pitas Point	8	18	Padre Cyn	5-B			no age provided			
19355	Ventura	Pitas Point	8	19	Padre Cyn	5-B			no age provided			
19356	Ventura	Pitas Point	8	20	Padre Cyn	5-B			no age provided			
19357	Ventura	Pitas Point	8	21	Padre Cyn	5-B			no age provided			
19358	Ventura	Pitas Point	8	22	Padre Cyn	5-B			no age provided			
19359	Ventura	Pitas Point	8	23	Padre Cyn	5-B			no age provided			
19360	Ventura	Pitas Point	66	1	Javon Cyn	5-C			Upper Pliocene			
19361	Ventura	Pitas Point	66	2	Javon Cyn	5-C			Upper Pliocene			
19362	Ventura	Pitas Point	66	2	Javon Cyn	5-C			Upper Pliocene			
19363	Ventura	Pitas Point	66	3	Javon Cyn	5-C			Upper Pliocene			
19364	Ventura	Pitas Point	66	4	Javon Cyn	5-C			Upper Pliocene			
19365	Ventura	Pitas Point	66	5	Javon Cyn	5-C			Upper Pliocene			
19366	Ventura	Pitas Point	66	6	Javon Cyn	5-C			Upper Pliocene			
19367	Ventura	Pitas Point	66	7	Javon Cyn	5-C			Upper Pliocene			
19368	Ventura	Pitas Point	66	8	Javon Cyn	5-C			Upper Pliocene			
19369	Ventura	Pitas Point	66	9	Javon Cyn	5-C			Upper Pliocene			
19370	Ventura	Pitas Point	66	10	Javon Cyn	5-C			Upper Pliocene			
19371	Ventura	Pitas Point	66	11	Javon Cyn	5-C			Upper Pliocene			
19372	Ventura	Pitas Point	66	12	Javon Cyn	5-C			Upper Pliocene			
19373	Ventura	Pitas Point	66	13	Javon Cyn	5-C			Upper Pliocene			
19374	Ventura	Pitas Point	66	14	Javon Cyn	5-C			Upper Pliocene			
19375	Ventura	Pitas Point	66	15	Javon Cyn	5-C			Upper Pliocene			
19376	Ventura	Pitas Point	66	17	Javon Cyn	5-C			Upper Pliocene			
19377	Ventura	Pitas Point	66	18	Javon Cyn	5-C			Upper Pliocene			
19378	Ventura	Pitas Point	66	19	Javon Cyn	5-C			Upper Pliocene			
19379	Ventura	Pitas Point	66	20	Javon Cyn	5-C			Upper Pliocene			
19380	Ventura	Pitas Point	66	21	Javon Cyn	5-C			Upper Pliocene			
19381	Ventura	Pitas Point	66	22	Javon Cyn	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		
19382	Ventura	Pitas Point	66	24	Javon Cyn	5-C			Upper Pliocene			
19383	Ventura	Pitas Point	66	25	Javon Cyn	5-C			Upper Pliocene			
19384	Ventura	Pitas Point	66	26	Javon Cyn	5-C	not on map		Upper Pliocene			
19385	Ventura	Pitas Point	67	1	Javon Cyn	5-C	not on map		Lower Pliocene			
19386	Ventura	Pitas Point	67	2	Javon Cyn	5-C	not on map		Lower Pliocene			
19387	Ventura	Pitas Point	67	3	Javon Cyn	5-C	not on map		Lower Pliocene			
19388	Ventura	Pitas Point	67	4	Javon Cyn	5-C	not on map		Lower Pliocene			
19389	Ventura	Pitas Point	67	5	Javon Cyn	5-C	not on map		Lower Pliocene			
19390	Ventura	Pitas Point	67	6	Javon Cyn	5-C	not on map		Upper Pliocene			
19391	Ventura	Pitas Point	67	7	Javon Cyn	5-C	not on map		Upper Pliocene			
19392	Ventura	Pitas Point	115	1	W of Javon Canyon	19-A			no age provided			
19393	Ventura	Pitas Point	115	2	W of Javon Canyon	19-A			no age provided			
19394	Ventura	Pitas Point	115	3	W of Javon Canyon	19-A			no age provided			
19395	Ventura	Pitas Point	115	4	W of Javon Canyon	19-A			no age provided			
19396	Ventura	Pitas Point	115	5	W of Javon Canyon	19-A			no age provided			
19397	Ventura	Pitas Point	115	6	W of Javon Canyon	19-A			no age provided			
19398	Ventura	Pitas Point	115	7	W of Javon Canyon	19-A			no age provided			
19399	Ventura	Pitas Point	115	8	W of Javon Canyon	19-A			no age provided			
19400	Ventura	Pitas Point	115	9	W of Javon Canyon	19-A			no age provided			
19401	Ventura	Pitas Point	115	10	W of Javon Canyon	19-A			no age provided			
19402	Ventura	Pitas Point	115	11	W of Javon Canyon	19-A			no age provided			
19403	Ventura	Pitas Point	116	1	Madranto Canyon	19-N			Pliocene			
19404	Ventura	Pitas Point	116	2	Madranto Canyon	19-N			Pliocene			
19405	Ventura	Pitas Point	116	3	Madranto Canyon	19-N			Pliocene			
19406	Ventura	Pitas Point	116	4	Madranto Canyon	19-N			Pliocene			
19407	Ventura	Pitas Point	116	5	Madranto Canyon	19-N			Pliocene			
19408	Ventura	Pitas Point	116	6	Madranto Canyon	19-N			Pliocene			
19409	Ventura	Pitas Point	116	7	Madranto Canyon	19-N			Pliocene			
19410	Ventura	Pitas Point	116	8	Madranto Canyon	19-N			Pliocene			
19411	Ventura	Pitas Point	116	9	Madranto Canyon	19-N			Pliocene			
19412	Ventura	Pitas Point	116	10	Madranto Canyon	19-N			Pliocene			
19413	Ventura	Pitas Point	116	11	Madranto Canyon	19-N			Pliocene			
19414	Ventura	Pitas Point	116	12	Madranto Canyon	19-N			Pliocene			
19415	Ventura	Pitas Point	207	1	Los Sauces Creek	232-J	not on map		Saucesian?	Carson		
19416	Ventura	Pitas Point	207	2	Los Sauces Creek	232-J	not on map		Saucesian?	Carson		
19417	Ventura	Pitas Point	207	3	Los Sauces Creek	232-J	not on map		Saucesian?	Carson		
19418	Ventura	Pitas Point	207	4	Los Sauces Creek	232-J	not on map		Saucesian?	Carson		
19419	Ventura	Pitas Point	207	5	Los Sauces Creek	232-J	not on map		Saucesian?	Carson		
19420	Ventura	Pitas Point	207	6	Los Sauces Creek	232-J	not on map		Saucesian?	Carson		
19421	Ventura	Pitas Point	207	7	Los Sauces Creek	232-J	not on map		Saucesian?	Carson		
19422	Ventura	Pitas Point	207	8	Los Sauces Creek	232-J	not on map		Saucesian?	Carson		
19423	Ventura	Pitas Point	207	9	Los Sauces Creek	232-J	not on map		Saucesian?	Carson		
19424	Ventura	Pitas Point	207	10	Los Sauces Creek	232-J	not on map		Saucesian?	Carson		
19425	Ventura	Pitas Point	207	11	Los Sauces Creek	232-J	not on map		Saucesian?	Carson		
19426	Ventura	Pitas Point	215	1	Padre Juan Canyon	40-A			Pliocene			
19427	Ventura	Pitas Point	215	2	Padre Juan Canyon	40-A			Pliocene			
19428	Ventura	Pitas Point	215	3	Padre Juan Canyon	40-A			Pliocene			
19429	Ventura	Pitas Point	215	4	Padre Juan Canyon	40-A			Pliocene			
19430	Ventura	Pitas Point	215	5	Padre Juan Canyon	40-A			Pliocene			
19431	Ventura	Pitas Point	215	6	Padre Juan Canyon	40-A			Pliocene			
19432	Ventura	Pitas Point	215	7	Padre Juan Canyon	40-A			Pliocene			
19433	Ventura	Pitas Point	215	8	Padre Juan Canyon	40-A			Pliocene			
19434	Ventura	Pitas Point	215	9	Padre Juan Canyon	40-A			Pliocene			
19435	Ventura	Pitas Point	215	10	Padre Juan Canyon	40-A			Pliocene			
19436	Ventura	Pitas Point	215	11	Padre Juan Canyon	40-A			Pliocene			
19437	Ventura	Pitas Point	215	12	Padre Juan Canyon	40-A			Pliocene			
19438	Ventura	Pitas Point	215	13	Padre Juan Canyon	40-A			Pliocene			
19439	Ventura	Pitas Point	215	14	Padre Juan Canyon	40-A			Pliocene			
19440	Ventura	Pitas Point	215	15	Padre Juan Canyon	40-A			Pliocene			
19441	Ventura	Pitas Point	215	16	Padre Juan Canyon	40-A			Pliocene			
19442	Ventura	Pitas Point	215	17	Padre Juan Canyon	40-A			Pliocene			
19443	Ventura	Pitas Point	215	18	Padre Juan Canyon	40-A			Pliocene			
19444	Ventura	Pitas Point	215	19	Padre Juan Canyon	40-A			Pliocene			
19445	Ventura	Pitas Point	215	20	Padre Juan Canyon	40-A			Pliocene			
19446	Ventura	Pitas Point	215	21	Padre Juan Canyon	40-A			Pliocene			
19447	Ventura	Pitas Point	215	22	Padre Juan Canyon	40-A			Pliocene			
19448	Ventura	Pitas Point	215	23	Padre Juan Canyon	40-A			Pliocene			
19449	Ventura	Pitas Point	215	24	Padre Juan Canyon	40-A			Pliocene			
19450	Ventura	Pitas Point	215	25	Padre Juan Canyon	40-B			Pliocene			
19451	Ventura	Pitas Point	215	26	Padre Juan Canyon	40-B			Pliocene			
19452	Ventura	Pitas Point	215	27	Padre Juan Canyon	40-B			Pliocene			
19453	Ventura	Pitas Point	215	28	Padre Juan Canyon	40-B			Pliocene			
19454	Ventura	Pitas Point	215	29	Padre Juan Canyon	40-B			Pliocene			
19455	Ventura	Pitas Point	215	30	Padre Juan Canyon	40-B			Pliocene			
19456	Ventura	Pitas Point	215	31	Padre Juan Canyon	40-B			Pliocene			
19457	Ventura	Pitas Point	215	32	Padre Juan Canyon	40-B			Pliocene			
19458	Ventura	Pitas Point	215	33	Padre Juan Canyon	40-B			Pliocene			
19459	Ventura	Pitas Point	215	34	Padre Juan Canyon	40-B			Pliocene			
19460	Ventura	Pitas Point	215	35	Padre Juan Canyon	40-B			Pliocene			
19461	Ventura	Pitas Point	215	36	Padre Juan Canyon	40-B			Pliocene			
19462	Ventura	Pitas Point	215	37	Padre Juan Canyon	40-B			Pliocene			
19463	Ventura	Pitas Point	215	38	Padre Juan Canyon	40-B			Pliocene			
19464	Ventura	Pitas Point	222	1	Los Sauces Creek	40-B			Pliocene	Derry &		
19465	Ventura	Pitas Point	222	2	Los Sauces Creek	40-B			Pliocene	Derry &		
19466	Ventura	Pitas Point	222	3	Los Sauces Creek	40-B			Pliocene	Derry &		

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		
19552	Ventura	Pitas Point	1030		Padre Juan Canyo	5-A			Upper Pliocene			
19553	Ventura	Pitas Point	4623		Javon Canyon	19-L		good fauna	no paleo info			
19554	Ventura	Pitas Point	4624		Punta Gorda	19-L		good fauna	Pliocene			
19555	Ventura	Pitas Point	13995	1	Los Sauces Creek	232-I	type Saucesian		no paleo info			
19556	Ventura	Pitas Point	13995	2	Los Sauces Creek	232-I			no paleo info			
19557	Ventura	Pitas Point	13995	3	Los Sauces Creek	232-I			no paleo info			
19558	Ventura	Pitas Point	13995	4	Los Sauces Creek	232-I			no paleo info			
19559	Ventura	Pitas Point	13995	5	Los Sauces Creek	232-I			no paleo info			
19560	Ventura	Pitas Point	13995	6	Los Sauces Creek	232-I			no paleo info			
19561	Ventura	Pitas Point	13995	7	Los Sauces Creek	232-I			no paleo info			
19562	Ventura	Pitas Point	13995	8	Los Sauces Creek	232-I			no paleo info			
19563	Ventura	Pitas Point	13995	9	Los Sauces Creek	232-I			no paleo info			
19564	Ventura	Pitas Point	13995	10	Los Sauces Creek	232-I			no paleo info			
19565	Ventura	Pitas Point	13995	11	Los Sauces Creek	232-I			no paleo info			
19566	Ventura	Pitas Point	13995	12	Los Sauces Creek	232-I			no paleo info			
19567	Ventura	Pitas Point	13995	13	Los Sauces Creek	232-I			no paleo info			
19568	Ventura	Pitas Point	13995	14	Los Sauces Creek	232-I			no paleo info			
19569	Ventura	Pitas Point	13995	15	Los Sauces Creek	232-I			no paleo info			
19570	Ventura	Pitas Point	13995	16	Los Sauces Creek	232-I			no paleo info			
19571	Ventura	Pitas Point	13995	17	Los Sauces Creek	232-I			no paleo info			
19572	Ventura	Pitas Point	13995	18	Los Sauces Creek	232-I			no paleo info			
19573	Ventura	Pitas Point	13995	19	Los Sauces Creek	232-I			no paleo info			
19574	Ventura	Pitas Point	13995	20	Los Sauces Creek	232-I			no paleo info			
19575	Ventura	Pitas Point	13995	21	Los Sauces Creek	232-I			no paleo info			
19576	Ventura	Pitas Point	13995	22	Los Sauces Creek	232-I			no paleo info			
19577	Ventura	Pitas Point	13995	23	Los Sauces Creek	232-I			no paleo info			
19578	Ventura	Pitas Point	13995	24	Los Sauces Creek	232-I			no paleo info			
19579	Ventura	Pitas Point	13995	25	Los Sauces Creek	232-I			no paleo info			
19580	Ventura	Pitas Point	13995	26	Los Sauces Creek	232-I			no paleo info			
19581	Ventura	Pitas Point	13995	27	Los Sauces Creek	232-I			no paleo info			
19582	Ventura	Pitas Point	13995	28	Los Sauces Creek	232-I			no paleo info			
19583	Ventura	Pitas Point	13995	29	Los Sauces Creek	232-I			no paleo info			
19584	Ventura	Pitas Point	13995	30	Los Sauces Creek	232-I			no paleo info			
19585	Ventura	Pitas Point	13995	31	Los Sauces Creek	232-I			no paleo info			
19586	Ventura	Pitas Point	13995	32	Los Sauces Creek	232-I			no paleo info			
19587	Ventura	Pitas Point	13995	33	Los Sauces Creek	232-I			no paleo info			
19588	Sonoma	Plantation	13762	1010	not found	53-D			see Went thesis	Wentworth		
19589	Sonoma	Plantation	13763	1011	NW of Horseshoe	53-D			see Went thesis	Wentworth		
19590	Sonoma	Plantation	13764	1012	Fisk Mill cove	53-D			see Went thesis	Wentworth		
19591	Sonoma	Plantation	13765	1013	Stump Beach	53-D			see Went thesis	Wentworth		
19592	Sonoma	Plantation	13766	1014	Ocean Cove	53-D			see Went thesis	Wentworth		
19593	Sonoma	Plantation	13767	1017	Timber Cove	53-D			see Went thesis	Wentworth		
19594	Sonoma	Plantation	13768	1018	Clam Beach	53-D			see Went thesis	Wentworth		
19595	Sonoma	Plantation	30969	2	Along whole coast	99-H			Cret/Paleocene			
19596	Sonoma	Plantation	30969	3	Along whole coast	99-H			barren			
19597	Sonoma	Plantation	30969	5	Along whole coast	99-H			Cret/Paleocene			
19598	Sonoma	Plantation	30969	8	Along whole coast	99-H			Tertiary			
19599	Sonoma	Plantation	30969	12	Along whole coast	99-H			Lower Eocene			
19600	Sonoma	Plantation	30969	17	Along whole coast	99-H			not diagnostic			
19601	Sonoma	Plantation	30969	19	Along whole coast	99-H			Eocene			
19602	Sonoma	Plantation	30969	21	Along whole coast	99-H			not diagnostic			
19603	Sonoma	Plantation	30969	23	Along whole coast	99-H			poss Eocene			
19604	Sonoma	Plantation	30969	25	Along whole coast	99-H			Lower Eocene			
19605	Sonoma	Plantation	30969	27	Along whole coast	99-H			Lower Eocene			
19606	Sonoma	Plantation	30969	28	Along whole coast	99-H			Lower Eocene			
19607	Sonoma	Plantation	30969	30	Along whole coast	99-H			Lower Eocene			
19608	Sonoma	Plantation	30969	31	Along whole coast	99-H			barren			
19609	Sonoma	Plantation	30969	36	Along whole coast	99-H			not diagnostic			
19610	Sonoma	Plantation	30969	37	Along whole coast	99-H			Lower Eocene			
19611	Sonoma	Plantation	30969	40	Along whole coast	99-H			not diagnostic			
19612	Sonoma	Plantation	30969	42	Along whole coast	99-H			not diagnostic			
19613	Sonoma	Plantation	30969	43	Along whole coast	99-H			Paleocene/Eocene			
19614	Sonoma	Plantation	30969	45	Along whole coast	99-H			Tertiary			
19615	Sonoma	Plantation	30969	46	Along whole coast	99-H			not diagnostic			
19616	Kern	Pleito Hills	5370		NE of hill 3036	86-C			no paleo info	Webb		
19617	Kern	Pleito Hills	5371		NW of hill 3036	86-C			no paleo info	Webb		
19618	Kern	Pleito Hills	5372		NW of hill 3036	86-C			no paleo info	Webb		
19619	Kern	Pleito Hills	5373		SW Wheeler Ridge	86-C			no paleo info	Webb		
19620	Kern	Pleito Hills	5397		EC part of quad	86-C			no paleo info	Webb		
19621	Kern	Pleito Hills	5398		EC part of quad	86-C			no paleo info	Webb		
19622	Kern	Pleito Hills	5399		center of quad	86-C			no paleo info	Webb		
19623	Kern	Pleito Hills	22342	2	Pleito Creek	239-A	have strat column		Middle Eocene			
19624	Kern	Pleito Hills	22342	8	Pleito Creek	239-A	have strat column		Middle Eocene			
19625	Kern	Pleito Hills	22342	22	Pleito Creek	239-A	have strat column		Middle Eocene			
19626	Kern	Pleito Hills	22342	23	Pleito Creek	239-A	have strat column		Middle Eocene			
19627	Kern	Pleito Hills	22342	25	Pleito Creek	239-A	have strat column		Middle Eocene			
19628	Kern	Pleito Hills	22342	27	Pleito Creek	239-A	have strat column		Middle Eocene			
19629	Kern	Pleito Hills	22342	28	Pleito Creek	239-A	have strat column		Middle Eocene			
19630	Kern	Pleito Hills	22342	30	Pleito Creek	239-A	have strat column		Middle Eocene			
19631	Kern	Pleito Hills	22342	31	Pleito Creek	239-A	have strat column		Lower Eocene			
19632	Kern	Pleito Hills	22342	32	Pleito Creek	239-A	have strat column		Lower Eocene			
19633	Kern	Pleito Hills	22342	33	Pleito Creek	239-A	have strat column		Lower Eocene			
19634	Kern	Pleito Hills	22342	34	Pleito Creek	239-A	have strat column		Lower Eocene			
19635	Kern	Pleito Hills	22342	42	Pleito Creek	239-A	have strat column		Lower Eocene			
19636	Kern	Pleito Hills	22342	43	Pleito Creek	239-A	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		
19637	Kern	Pleito Hills	22357	1	Upper Pleito Ck	239-B	have strat column		Eocene			
19638	Kern	Pleito Hills	22357	2	Upper Pleito Ck	239-B	see #22342		Eocene			
19639	Kern	Pleito Hills	22357	3	Upper Pleito Ck	239-B			Eocene			
19640	Kern	Pleito Hills	22357	4	Upper Pleito Ck	239-B			Eocene			
19641	Kern	Pleito Hills	22357	5	Upper Pleito Ck	239-B			Eocene			
19642	Kern	Pleito Hills	22357	6	Upper Pleito Ck	239-B			Eocene			
19643	Kern	Pleito Hills	22357	7	Upper Pleito Ck	239-B			Eocene			
19644	Kern	Pleito Hills	22357	8	Upper Pleito Ck	239-B			Eocene			
19645	Kern	Pleito Hills	22357	9	Upper Pleito Ck	239-B			Eocene			
19646	Kern	Pleito Hills	22357	10	Upper Pleito Ck	239-B			Eocene			
19647	Kern	Pleito Hills	22357	11	Upper Pleito Ck	239-B			Eocene			
19648	Kern	Pleito Hills	22357	12	Upper Pleito Ck	239-B			Eocene			
19649	Kern	Pleito Hills	22357	13	Upper Pleito Ck	239-B			Eocene			
19650	Kern	Pleito Hills	22357	14	Upper Pleito Ck	239-B			Eocene			
19651	Kern	Pleito Hills	22357	15	Upper Pleito Ck	239-B			Eocene			
19652	Kern	Pleito Hills	22357	16	Upper Pleito Ck	239-B			Eocene			
19653	Kern	Pleito Hills	22357	17	Upper Pleito Ck	239-B			Eocene			
19654	Kern	Pleito Hills	22357	18	Upper Pleito Ck	239-B			Eocene			
19655	Kern	Pleito Hills	22357	19	Upper Pleito Ck	239-B			Eocene			
19656	Kern	Pleito Hills	22357	20	Upper Pleito Ck	239-B			Eocene			
19657	Kern	Pleito Hills	22357	21	Upper Pleito Ck	239-B			Eocene			
19658	Kern	Pleito Hills	22357	22	Upper Pleito Ck	239-B			Eocene			
19659	Kern	Pleito Hills	22357	23	Upper Pleito Ck	239-B			Eocene			
19660	Kern	Pleito Hills	22357	24	Upper Pleito Ck	239-B			Eocene			
19661	Kern	Pleito Hills	22357	25	Upper Pleito Ck	239-B			Eocene			
19662	Kern	Pleito Hills	22357	26	Upper Pleito Ck	239-B			Eocene			
19663	Kern	Pleito Hills	22357	27	Upper Pleito Ck	239-B			Eocene			
19664	Kern	Pleito Hills	22357	28	Upper Pleito Ck	239-B			Eocene			
19665	Kern	Pleito Hills	22357	29	Upper Pleito Ck	239-B			Eocene			
19666	Kern	Pleito Hills	22357	30	Upper Pleito Ck	239-B			Eocene			
19667	Kern	Pleito Hills	22395	2	Salt Creek	199-N	have strat column		Lower Eocene			
19668	Kern	Pleito Hills	22395	2RW	Salt Creek	199-N	see also # 22340		no paleo info			
19669	Kern	Pleito Hills	22395	4	Salt Creek	199-N	and # 22786		not diagnostic			
19670	Kern	Pleito Hills	22395	5	Salt Creek	199-N			not diagnostic			
19671	Kern	Pleito Hills	22395	6	Salt Creek	199-N			not diagnostic			
19672	Kern	Pleito Hills	22395	7	Salt Creek	199-N			Eocene			
19673	Kern	Pleito Hills	22396	1	Black Bob Canyon	36-J			no paleo info			
19674	Kern	Pleito Hills	22396	2	Black Bob Canyon	36-J			no paleo info			
19675	Kern	Pleito Hills	22396	3	Black Bob Canyon	36-J			no paleo info			
19676	Kern	Pleito Hills	22746	1	NE part of quad	179-A		age from map	Relizian			
19677	Kern	Pleito Hills	22746	3	NE part of quad	179-A			no paleo info			
19678	Kern	Pleito Hills	22746	4	NE part of quad	179-A			no paleo info			
19679	Kern	Pleito Hills	22746	5	NE part of quad	179-A			no paleo info			
19680	Kern	Pleito Hills	22746	6	NE part of quad	179-A		age from map	Relizian			
19681	Kern	Pleito Hills	22746	7	NE part of quad	179-A		age from map	Relizian			
19682	Kern	Pleito Hills	22748	1	NE part of quad	179-A		age from map	Relizian			
19683	Kern	Pleito Hills	22749	1	NE part of quad	179-A		age from map	Relizian			
19684	Kern	Pleito Hills	22749	2	NE part of quad	179-A			no paleo info			
19685	Kern	Pleito Hills	22749	3	NE part of quad	179-A			no paleo info			
19686	Kern	Pleito Hills	22749	4	NE part of quad	179-A			no paleo info			
19687	Kern	Pleito Hills	22749	5	NE part of quad	179-A			no paleo info			
19688	Kern	Pleito Hills	22749	6	NE part of quad	179-A			no paleo info			
19689	Kern	Pleito Hills	22749	7	NE part of quad	179-A			no paleo info			
19690	Kern	Pleito Hills	22749	8	NE part of quad	179-A		age from map	Luisian			
19691	Kern	Pleito Hills	22750	1	NE part of quad	179-A			no paleo info			
19692	Kern	Pleito Hills	22750	2	NE part of quad	179-A		age from map	Relizian			
19693	Kern	Pleito Hills	22750	3	NE part of quad	179-A			no paleo info			
19694	Kern	Pleito Hills	22751	1	center of quad	179-A	sa Grapevine	age from map	Relizian			
19695	Kern	Pleito Hills	22754	1	Pleito Hills	179-A			no paleo info			
19696	Kern	Pleito Hills	22755	1	Pleito Hills	179-A			no paleo info			
19697	Kern	Pleito Hills	22784	1	Neasons Flat	197-L	have strat column	Discocyclina	Upper Eocene			
19698	Kern	Pleito Hills	22784	2	Neasons Flat	197-L	see # 22342	Discocyclina	Upper Eocene			
19699	Kern	Pleito Hills	22784	3	Neasons Flat	197-L			Upper Eocene			
19700	Kern	Pleito Hills	22784	4	Neasons Flat	197-L			Upper Eocene			
19701	Kern	Pleito Hills	22784	5	Neasons Flat	197-L			Upper Eocene			
19702	Kern	Pleito Hills	22784	6	Neasons Flat	197-L		area K-15	Upper Eocene			
19703	Kern	Pleito Hills	22784	5A	Neasons Flat	197-L			Upper Eocene			
19704	Kern	Pleito Hills	22784	6A	Neasons Flat	197-L			Upper Eocene			
19705	Kern	Pleito Hills	22784	6B	Neasons Flat	197-L			Upper Eocene			
19706	Kern	Pleito Hills	22786	1	Salt Creek	197-L	have strat column		Eocene	Miller		
19707	Kern	Pleito Hills	22786	1	Salt Creek	197-L			Eocene			
19708	Kern	Pleito Hills	22786	2	Salt Creek	197-L			Eocene			
19709	Kern	Pleito Hills	22786	2A	Salt Creek	197-L			Eocene			
19710	Kern	Pleito Hills	22786	3	Salt Creek	197-L			Eocene			
19711	Kern	Pleito Hills	22786	5	Salt Creek	197-L			Eocene			
19712	Kern	Pleito Hills	22786	6	Salt Creek	197-L			Eocene			
19713	Kern	Pleito Hills	22788	1	E of Neasons Flat	197-L	have strat column		not diagnostic			
19714	Kern	Pleito Hills	22788	2	E of Neasons Flat	197-L	have strat column		Upper Eocene			
19715	Kern	Pleito Hills	22788	3	E of Neasons Flat	197-L	have strat column		Upper Eocene			
19716	Kern	Pleito Hills	22788	4	E of Neasons Flat	197-L	have strat column		Upper Eocene			
19717	Kern	Pleito Hills	22788	5	E of Neasons Flat	197-L	have strat column		Upper Eocene			
19718	Kern	Pleito Hills	22789	2	E of Neasons Flat	197-L	have strat column		Upper Eocene			
19719	Kern	Pleito Hills	22789	3	E of Neasons Flat	197-L	have strat column		Upper Eocene			
19720	Kern	Pleito Hills	22789	4	E of Neasons Flat	197-L	have strat column		Upper Eocene			
19721	Kern	Pleito Hills	22796	10	Pleito Ck	197-M	have strat column		Zemorian	Miller		

	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		
19722	Kern	Pleito Hills	22796	11	Pleito Ck	197-M	have strat column		Zemorrian	Miller		
19723	Kern	Pleito Hills	22796	12	Pleito Ck	197-M	have strat column		Zemorrian	Miller		
19724	Kern	Pleito Hills	22797	3	W of Pleito Ck	197-M			Zemorrian	Miller		
19725	Kern	Pleito Hills	22797	4	W of Pleito Ck	197-M			Zemorrian	Miller		
19726	Mendocino	Point Arena	514	5	SE part of quad	B-11	Pt Arena 15'		Lower Zemorrian			
19727	Mendocino	Point Arena	514	5	SE part of quad	B-14	Pt Arena 15'		Lower Zemorrian			
19728	Mendocino	Point Arena	515	5	SE part of quad	B-11	Pt Arena 15'		not diagnostic			
19729	Mendocino	Point Arena	2392		Arena Cove	120-H	Pt Arena 15'		Lower Miocene			
19730	Mendocino	Point Arena	2393		Arena Cove	120-H	Pt Arena 15'		Lower Miocene			
19731	Mendocino	Point Arena	2394		Arena Cove	120-H	Pt Arena 15'		Lower Miocene			
19732	Mendocino	Point Arena	2395		Arena Cove	120-H	Pt Arena 15'		not diagnostic			
19733	Mendocino	Point Arena	2396		SE corner of quad	120-H	Pt Arena 15'		Lower Zemorrian			
19734	Mendocino	Point Arena	3703		Riverside Road	46-C	Pt Arena 15'		Zemorrian	Gonsalves &		
19735	Mendocino	Point Arena	3704		Riverside Road	46-C	Pt Arena 15'		Zem/Saucesian	Gonsalves &		
19736	Mendocino	Point Arena	3705		Riverside Road	161-G	Pt Arena 15'		Eocene	Gonsalves &		
19737	Mendocino	Point Arena	3706		Ross Creek	46-C	Pt Arena 15'		?Zemorrian	Gonsalves &		
19738	Mendocino	Point Arena	3707		Ross Creek	46-C	Pt Arena 15'		not diagnostic	Gonsalves &		
19739	Mendocino	Point Arena	3708		Ross Creek	46-C	Pt Arena 15'		Miocene	Gonsalves &		
19740	Mendocino	Point Arena	3710		NW of Pt Arena	46-C	Pt Arena 15'		barren	Gonsalves &		
19741	Mendocino	Point Arena	3711		Hillcrest Dairy	46-C	Pt Arena 15'		Miocene	Gonsalves &		
19742	Mendocino	Point Arena	3712		center of quad	46-C	Pt Arena 15'		?Zemorrian	Gonsalves &		
19743	Mendocino	Point Arena	3713		Arena Cove	46-C	Pt Arena 15'		?Zemorrian	Gonsalves &		
19744	Mendocino	Point Arena	3714		Arena Cove	46-C	Pt Arena 15'		not diagnostic	Gonsalves &		
19745	Mendocino	Point Arena	3720		Ross Creek	120-H	Pt Arena 15'		Zemorrian	Gonsalves &		
19746	Mendocino	Point Arena	3721		Ross Creek	120-H	Pt Arena 15'		not diagnostic	Gonsalves &		
19747	Mendocino	Point Arena	3724		Arena Cove	167-N	Pt Arena 15'		barren	Morris &		
19748	Mendocino	Point Arena	3729		SC part of quad	120-H	Pt Arena 15'		Lower Zemorrian	Morris &		
19749	Mendocino	Point Arena	3732		S of Arena Cove	122-G	Pt Arena 15'		Lower Zemorrian	Tarbet		
19750	Mendocino	Point Arena	4550		Mountain View Rd	115-E	Pt Arena 15'		Miocene?	Tarbet		
19751	Mendocino	Point Arena	5418		Mountain View Rd	169-E	Pt Arena 15'		Lower Miocene	Bainton & C		
19752	Mendocino	Point Arena	5419		Mountain View Rd	169-E	Pt Arena 15'		Lower Miocene	Bainton & C		
19753	Mendocino	Point Arena	5419	RS	Mountain View Rd	169-E	Pt Arena 15'		Lower Miocene	Ayers		
19754	Mendocino	Point Arena	5422		in Point Arena	169-E	Pt Arena 15'		Lower Miocene			
19755	Mendocino	Point Arena	5423		S of Point Arena	169-E	Pt Arena 15'		not diagnostic			
19756	Mendocino	Point Arena	5424		S of Point Arena	169-E	Pt Arena 15'		not diagnostic			
19757	Mendocino	Point Arena	5425		in Point Arena	169-E	Pt Arena 15'		not diagnostic			
19758	Mendocino	Point Arena	5426		Windy Hollow Rd	169-E	Pt Arena 15'		Lower Miocene			
19759	Mendocino	Point Arena	5427		Windy Hollow Rd	169-E	Pt Arena 15'		Lower Miocene			
19760	Mendocino	Point Arena	5428		NE of Pt Arena	169-E	Pt Arena 15'		Lower Miocene			
19761	Mendocino	Point Arena	5429		NE of Pt Arena	169-E	Pt Arena 15'		not diagnostic			
19762	Mendocino	Point Arena	5430		NE of Pt Arena	169-E	Pt Arena 15'		not diagnostic			
19763	Mendocino	Point Arena	5430	RW	NE of Pt Arena	169-E	Pt Arena 15'		Lower Miocene			
19764	Mendocino	Point Arena	5431		SE of Moat Creek	169-E	Pt Arena 15'		not diagnostic			
19765	Mendocino	Point Arena	5432		SE of Moat Creek	169-E	Pt Arena 15'		Lower Miocene			
19766	Mendocino	Point Arena	5433		Pt Arena area	169-E	Pt Arena 15'		Eocene A-2/C zone			
19767	Mendocino	Point Arena	5434		Flumeville area	169-E	Pt Arena 15'		Lower Miocene			
19768	Mendocino	Point Arena	5435		Flumeville area	169-E	Pt Arena 15'		not diagnostic			
19769	Mendocino	Point Arena	5436		Flumeville area	169-E	Pt Arena 15'		Lower Miocene			
19770	Mendocino	Point Arena	5437		Flumeville area	169-E	Pt Arena 15'		Lower Miocene			
19771	Mendocino	Point Arena	5438		Flumeville area	169-E	Pt Arena 15'		Lower Miocene			
19772	Mendocino	Point Arena	5439		Flumeville area	169-E	Pt Arena 15'		Lower Miocene			
19773	Mendocino	Point Arena	11761		Mtn View Road	161-G	Pt Arena 15'		Eocene or Cret	Bolin &		
19774	Mendocino	Point Arena	11763		Mtn View Road	161-G	Pt Arena 15'		not diagnostic	Bolin &		
19775	Mendocino	Point Arena	11765		Tenmile Cutoff Rd	161-G	Pt Arena 15'		Eocene	Bolin &		
19776	Mendocino	Point Arena	13205		N of Garcia River	142-H	Pt Arena 15'		no paleo info	Hardy		
19777	Mendocino	Point Arena	13324		Buckridge Road	142-H	Pt Arena 15'	age from map	Eocene	Hardy		
19778	Mendocino	Point Arena	13326	B	Galloway Creek	142-H	Pt Arena 15'	age from map	Eocene	Hardy		
19779	Mendocino	Point Arena	13327		Galloway Creek	142-H	Pt Arena 15'	age from map	Eocene	Hardy		
19780	Mendocino	Point Arena	13328		Galloway Creek	142-H	Pt Arena 15'	age from map	Eocene	Hardy		
19781	Mendocino	Point Arena	13329		Ross Creek	142-H	Pt Arena 15'	age from map	Lower Miocene	Hardy		
19782	Mendocino	Point Arena	13332	A	Moat Creek	142-H	Pt Arena 15'	age from map	Eocene	Hardy		
19783	Mendocino	Point Arena	13332	B	Moat Creek	142-H	Pt Arena 15'	age from map	Eocene	Hardy		
19784	Mendocino	Point Arena	13333	A	Moat Creek	142-H	Pt Arena 15'	age from map	Eocene	Hardy		
19785	Mendocino	Point Arena	13333	B	Moat Creek	142-H	Pt Arena 15'	age from map	Eocene	Hardy		
19786	Mendocino	Point Arena	13334		Moat Creek	142-H	Pt Arena 15'	age from map	Eocene	Hardy		
19787	Mendocino	Point Arena	13338		not found	142-H	Pt Arena 15'		no paleo info	Hardy		
19788	Mendocino	Point Arena	13339		not found	142-H	Pt Arena 15'		no paleo info	Hardy		
19789	Mendocino	Point Arena	13340		Moat Creek	142-H	Pt Arena 15'	age from map	Lower Miocene	Hardy		
19790	Mendocino	Point Arena	13341		Moat Creek	142-H	Pt Arena 15'	age from map	Lower Miocene	Hardy		
19791	Mendocino	Point Arena	13342		Moat Creek	142-H	Pt Arena 15'	age from map	Lower Miocene	Hardy		
19792	Mendocino	Point Arena	13342	RW	Moat Creek	142-H	Pt Arena 15'		no paleo info	Hardy		
19793	Mendocino	Point Arena	13345		N of Mountain V R	142-H	Pt Arena 15'	age from map	Lower Miocene	Hardy		
19794	Mendocino	Point Arena	13346		N of Mountain V R	142-H	Pt Arena 15'	age from map	Lower Miocene	Hardy		
19795	Mendocino	Point Arena	13349		S of Garcia River	142-H	Pt Arena 15'	age from map	Lower Miocene	Hardy		
19796	Mendocino	Point Arena	13350		N of Riverside Rd	142-H	Pt Arena 15'	age from map	Lower Miocene	Hardy		
19797	Mendocino	Point Arena	13353		not found	142-H	Pt Arena 15'		no paleo info	Hardy		
19798	Mendocino	Point Arena	13769	1017	Pt Arena	53-D	Pt Arena 15'	NP age	Upper Cretaceous	Wentworth		
19799	Mendocino	Point Arena	22144	S	Moat Creek	114-B	Point Arena 15'		no paleo info	Silcox		
19800	Mendocino	Point Arena	22144	N	Moat Creek	114-B	Point Arena 15'		no paleo info	Silcox		
19801	Mendocina	Point Arena	22213	4A	Riverside Road	233-E	auger line		Eocene	Christen.		
19802	Mendocina	Point Arena	22213	5A	Riverside Road	233-E	auger line	Eocene NP	Eocene	Christen.		
19803	Mendocina	Point Arena	22213	6A	Riverside Road	233-E	auger line	M Eocene NP	Eocene	Christen.		
19804	Mendocina	Point Arena	22213	12A	Riverside Road	233-E	auger line	Relizian NP	Lower Miocene	Christen.		
19805	Mendocina	Point Arena	22213	13A	Riverside Road	233-E	M Miocene NP	planktics abun	Lower Miocene	Christen.		

	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		
19806	Mendocino	Point Arena	22213	14	Riverside Road	233-E	auger line		Lower Miocene	Christen.		
19807	Mendocino	Point Arena	22213	15A	Riverside Road	233-E	auger line	Luis/Mohn NP	Lower Miocene	Christen.		
19808	Mendocino	Point Arena	22213	16A	Riverside Road	233-E	auger line		Lower Miocene	Christen.		
19809	Mendocino	Point Arena	22213	16ARW	Riverside Road	233-E	auger line	NP ages	Lower Miocene	Christen.		
19810	Mendocino	Point Arena	22213	16A2	Riverside Road	233-E	auger line	published by	Lower Miocene	Christen.		
19811	Mendocino	Point Arena	22213	16B	Riverside Road	233-E	auger line	P. L. Miller	Lower Miocene	Christen.		
19812	Mendocino	Point Arena	22213	17A	Riverside Road	233-E	auger line		Lower Miocene	Christen.		
19813	Mendocino	Point Arena	22213	17	Riverside Road	233-E	auger line		Lower Miocene	Christen.		
19814	Mendocino	Point Arena	22213	18A	Riverside Road	233-E	auger line		Lower Miocene	Christen.		
19815	Mendocino	Point Arena	22213	17.5A	Riverside Road	233-E	auger line		Lower Miocene	Christen.		
19816	Mendocino	Point Arena	22213	17.5B	Riverside Road	233-E	auger line		Lower Miocene	Christen.		
19817	Mendocino	Point Arena	22213	18	Riverside Road	233-E	auger line		Lower Miocene	Christen.		
19818	Mendocino	Point Arena	22213	18-40	Riverside Road	233-E	auger line		Lower Miocene	Christen.		
19819	Mendocino	Point Arena	22214	3A	Sea Lion Rocks	233-E	auger line	Luisian NP	Miocene	Christen.		
19820	Mendocino	Point Arena	22214	4A	Sea Lion Rocks	233-E	auger line	Luisian NP	Lower Miocene	Christen.		
19821	Mendocino	Point Arena	22214	5A	Sea Lion Rocks	233-E	auger line	M Miocene NF	Lower Miocene	Christen.		
19822	Mendocino	Point Arena	22214	6A	Sea Lion Rocks	233-E	auger line	M Miocene NF	Lower Miocene	Christen.		
19823	Mendocino	Point Arena	22214	7A	Sea Lion Rocks	233-E	auger line	Luis/Mohn NP	Lower Miocene	Christen.		
19824	Mendocino	Point Arena	22214	8A	Sea Lion Rocks	233-E	auger line		Lower Miocene	Christen.		
19825	Mendocino	Point Arena	22214	9	Sea Lion Rocks	233-E	auger line	poss Sauc NP	Lower Miocene	Christen.		
19826	Mendocino	Point Arena	22214	11	Sea Lion Rocks	233-E	auger line	poss Zern NP	Miocene	Christen.		
19827	Mendocino	Point Arena	22214	13	Sea Lion Rocks	233-E	auger line		not diagnostic	Christen.		
19828	Mendocino	Point Arena	22214	14A	Sea Lion Rocks	233-F	auger line		Lower Miocene	Christen.		
19829	Mendocino	Point Arena	22214	15A	Sea Lion Rocks	233-F	auger line		Lower Miocene	Christen.		
19830	Mendocino	Point Arena	22215	1A	Manchester	233-F	auger line		Miocene	Christen.		
19831	Mendocino	Point Arena	22215	2	Manchester	233-F	auger line		Zemorrian	Christen.		
19832	Mendocino	Point Arena	22215	4A	Manchester	233-F	auger line	shallow sea	not diagnostic	Christen.		
19833	Mendocino	Point Arena	22216	2A	Arena Cove	233-F	auger line		Miocene	Christen.		
19834	Mendocino	Point Arena	22216	3A	Arena Cove	233-F	auger line		Lower Miocene	Christen.		
19835	Mendocino	Point Arena	22216	4A	Arena Cove	233-F	auger line		Lower Miocene	Christen.		
19836	Mendocino	Point Arena	22216	5A	Arena Cove	233-F	auger line		Lower Miocene	Christen.		
19837	Mendocino	Point Arena	22216	6A	Arena Cove	233-F	auger line		Miocene	Christen.		
19838	Mendocino	Point Arena	22216	6-40'	Arena Cove	233-F	auger line		no paleo info	Christen.		
19839	Mendocino	Point Arena	22216	6-45'	Arena Cove	233-F	auger line		no paleo info	Christen.		
19840	Mendocino	Point Arena	22216	6B	Arena Cove	233-F	auger line		Lower Miocene	Christen.		
19841	Mendocino	Point Arena	22217	3A	Moat Creek	233-F	auger line	L or M Eoc NP	Upper Eocene	Christen.		
19842	Mendocino	Point Arena	22217	4A	Moat Creek	233-F	auger line		not diagnostic	Christen.		
19843	Mendocino	Point Arena	22217	6A	Moat Creek	233-F	auger line	M Eocene NP	U Eocene A zone	Christen.		
19844	Mendocino	Point Arena	22217	7	Moat Creek	233-F	auger line		Lower Miocene	Christen.		
19845	Mendocino	Point Arena	22217	7A	Moat Creek	233-F	auger line	L or M Eoc NP	Lower Miocene	Christen.		
19846	Mendocino	Point Arena	22217	8A	Moat Creek	233-F	auger line	Zern NP	Zemorrian	Christen.		
19847	Mendocino	Point Arena	22217	10A	Moat Creek	233-F	auger line	planktics com	Lower Miocene	Christen.		
19848	Mendocino	Point Arena	22217	11	Moat Creek	233-F	auger line	prob Sauc NP	Lower Miocene	Christen.		
19849	Mendocino	Point Arena	22218	2A	Moat Creek	233-F	auger line		Lower Miocene	Christen.		
19850	Mendocino	Point Arena	22218	3A	Moat Creek	233-F	auger line		Lower Miocene	Christen.		
19851	Mendocino	Point Arena	22218	4A	Moat Creek	233-F	auger line		not diagnostic	Christen.		
19852	Mendocino	Point Arena	22218	5A	Moat Creek	233-F	auger line	planktics abun	Lower Miocene	Christen.		
19853	Mendocino	Point Arena	22218	6	Moat Creek	233-F	auger line		not diagnostic	Christen.		
19854	Mendocino	Point Arena	22218	7	Moat Creek	233-F	auger line		Lower Miocene	Christen.		
19855	Mendocino	Point Arena	22218	8	Moat Creek	233-F	auger line		not diagnostic	Christen.		
19856	Mendocino	Point Arena	22218	9A	Moat Creek	233-F	auger line		not diagnostic	Christen.		
19857	Mendocino	Point Arena	22218	10A	Moat Creek	233-F	auger line		Lower Miocene	Christen.		
19858	Mendocino	Point Arena	22218	11	Moat Creek	233-F	auger line		Lower Miocene	Christen.		
19859	Mendocino	Point Arena	22219	1	Ross Creek	233-F	auger line	poss Sauc NP	Lower Miocene	Christen.		
19860	Mendocino	Point Arena	22219	2A	Ross Creek	233-F	auger line		Lower Miocene	Christen.		
19861	Mendocino	Point Arena	22219	3A	Ross Creek	233-F	auger line		not diagnostic	Christen.		
19862	Mendocino	Point Arena	22219	4	Ross Creek	233-F	auger line	Sauc/Reliz NP	Lower Miocene	Christen.		
19863	Mendocino	Point Arena	22219	5	Ross Creek	233-F	auger line	Sauc/Luis NP	Lower Miocene	Christen.		
19864	Mendocino	Point Arena	22219	6	Ross Creek	233-F	auger line	Sauc/Reliz NP	Lower Miocene	Christen.		
19865	Mendocino	Point Arena	22220	1A	Galloway Creek	233-G	auger line	planktics com	Lower Miocene	Christen.		
19866	Mendocino	Point Arena	22220	2	Galloway Creek	233-G	auger line		not diagnostic	Christen.		
19867	Mendocino	Point Arena	22220	3A	Galloway Creek	233-G	auger line		Lower Miocene	Christen.		
19868	Mendocino	Point Arena	22220	4A	Galloway Creek	233-G	auger line		not diagnostic	Christen.		
19869	Mendocino	Point Arena	22220	6A	Galloway Creek	233-G	auger line		Lower Miocene	Christen.		
19870	Mendocino	Point Arena	22220	7A	Galloway Creek	233-G	auger line		Lower Miocene	Christen.		
19871	Mendocino	Point Arena	22220	8A	Galloway Creek	233-G	auger line		Lower Miocene	Christen.		
19872	Mendocino	Point Arena	22220	9	Galloway Creek	233-G	auger line		Lower Miocene	Christen.		
19873	Mendocino	Point Arena	22221	6	Galloway School	233-G	auger line		Lower Miocene	Christen.		
19874	Mendocino	Point Arena	22225	3	not found	233-G	auger line		Eocene	Christen.		
19875	Mendocino	Point Arena	22225	7A	not found	233-G	auger line		Eocene	Christen.		
19876	Mendocino	Point Arena	22225	8A	not found	233-G	auger line		Eocene	Christen.		
19877	Mendocino	Point Arena	22225	9A	not found	233-G	auger line		Eocene	Christen.		
19878	Mendocino	Point Arena	22226	7A	not found	233-G	auger line		Pleistocene	Christen.		
19879	Mendocino	Point Arena	22272	1	Curley Lane	233-H	Point Arena 15'		no paleo info			
19880	Mendocino	Point Arena	22272	2	Curley Lane	233-H	Point Arena 15'		no paleo info			
19881	Mendocino	Point Arena	22272	5	Curley Lane	233-H	Point Arena 15'		no paleo info			
19882	Mendocino	Point Arena	22272	6	Curley Lane	233-H	Point Arena 15'		no paleo info			
19883	Mendocino	Point Arena	22272	7	Curley Lane	233-H	Point Arena 15'		no paleo info			
19884	Mendocino	Point Arena	22273	1	SE corner of quad	233-H	Point Arena 15'		no paleo info			
19885	Mendocino	Point Arena	22273	2	SE corner of quad	233-H	Point Arena 15'		no paleo info			
19886	Mendocino	Point Arena	22273	3	SE corner of quad	233-H	Point Arena 15'		no paleo info			
19887	Mendocino	Point Arena	22278	20	Lepori Ranch	233-I	Point Arena 15'		no paleo info			
19888	Mendocino	Point Arena	22278	21	Lepori Ranch	233-I	Point Arena 15'		no paleo info			
19889	Mendocino	Point Arena	22389	3	W of Pt Arena	235-N	Point Arena 15'	NP age	Middle Miocene			
19890	Mendocino	Point Arena	22603	1	Arena Cove	235-N	Pt Arena 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 LOCATI	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
19891	Mendocino	Point Arena	22603	2	Arena Cove	235-N	Pt Arena 15'		no paleo info			
19892	Mendocino	Point Arena	22603	3	Arena Cove	235-N	Pt Arena 15'		no paleo info			
19893	Mendocino	Point Arena	22869	1	Arena Cove	162-B	Pt Arena 15'		not diagnostic			
19894	Mendocino	Point Arena	22869	2	Arena Cove	162-B	Pt Arena 15'		not diagnostic			
19895	Mendocino	Point Arena	22869	3	Arena Cove	162-B	Pt Arena 15'		not diagnostic			
19896	Mendocino	Point Arena	24091	2	Arena Cove	99-G	Pt Arena 15'		barren			
19897	Mendocino	Point Arena	24091	3	Arena Cove	99-G	Pt Arena 15'		Luisian			
19898	Mendocino	Point Arena	24091	4	Arena Cove	99-G	Pt Arena 15'		barren			
19899	Mendocino	Point Arena	24091	6	Arena Cove	99-G	Pt Arena 15'		Sauc/Mohnian			
19900	Mendocino	Point Arena	24091	10	Arena Cove	99-G	Pt Arena 15'		barren			
19901	Mendocino	Point Arena	24092	1	Pt Arena	99-G	Pt Arena 15'		Middle Miocene			
19902	Mendocino	Point Arena	24092	2	Pt Arena	99-G	Pt Arena 15'		Middle Miocene			
19903	Mendocino	Point Arena	24092	3	Pt Arena	99-G	Pt Arena 15'		Luisian			
19904	Mendocino	Point Arena	24094	3	Pt Arena	99-G	Pt Arena 15'		not diagnostic			
19905	Mendocino	Point Arena	24094	4	Pt Arena	99-G	Pt Arena 15'		L or M Miocene			
19906	Mendocino	Point Arena	24094	5	Pt Arena	99-G	Pt Arena 15'		L or M Miocene			
19907	Mendocino	Point Arena	24094	6	Pt Arena	99-G	Pt Arena 15'		poss M Miocene			
19908	Mendocino?	Point Arena?	13770	1018	not found	53-D			see Went thesis	Wentworth		
19909	Santa Barbara	Point Conception	121	1	NE part of quad	68-D	has NP and plankt.		M Eocene A-2/C			
19910	Santa Barbara	Point Conception	121	2	NE part of quad	68-D	has NP and plankt.		M Eocene A-2/C			
19911	Santa Barbara	Point Conception	121	3	NE part of quad	68-D			Prob L Eocene			
19912	Santa Barbara	Point Conception	121	4	NE part of quad	68-D			Prob L Eocene			
19913	Santa Barbara	Point Conception	121	5	NE part of quad	68-D			Prob L Eocene			
19914	Santa Barbara	Point Conception	121	6	NE part of quad	68-D			Prob L Eocene			
19915	Santa Barbara	Point Conception	209	2	Wood Canyon	38-H	strat column		Upper Relizian			
19916	Santa Barbara	Point Conception	209	3	Wood Canyon	38-H	strat column		Upper Relizian			
19917	Santa Barbara	Point Conception	209	4	Wood Canyon	38-H	strat column		Upper Relizian			
19918	Santa Barbara	Point Conception	209	5	Wood Canyon	38-H	strat column		Upper Relizian			
19919	Santa Barbara	Point Conception	209	6	Wood Canyon	38-H	strat column		Upper Relizian			
19920	Santa Barbara	Point Conception	209	7	Wood Canyon	38-H	strat column		Upper Relizian			
19921	Santa Barbara	Point Conception	209	8	Wood Canyon	38-H	strat column		Upper Relizian			
19922	Santa Barbara	Point Conception	209	9	Wood Canyon	38-H	strat column		Upper Relizian			
19923	Santa Barbara	Point Conception	209	10	Wood Canyon	38-H	strat column		Luisian			
19924	Santa Barbara	Point Conception	209	11	Wood Canyon	38-H	strat column		Luisian			
19925	Santa Barbara	Point Conception	209	12	Wood Canyon	38-H	strat column		Luisian			
19926	Santa Barbara	Point Conception	209	13	Wood Canyon	38-H	strat column		Luisian			
19927	Santa Barbara	Point Conception	209	14	Wood Canyon	38-H	strat column		Luisian			
19928	Santa Barbara	Point Conception	209	15	Wood Canyon	38-H	strat column		Luisian			
19929	Santa Barbara	Point Conception	209	16	Wood Canyon	38-H	strat column		Luisian			
19930	Santa Barbara	Point Conception	209	17	Wood Canyon	38-H	strat column		Luisian			
19931	Santa Barbara	Point Conception	209	18	Wood Canyon	38-H	strat column		Luisian			
19932	Santa Barbara	Point Conception	209	19	Wood Canyon	38-H	strat column		Luisian			
19933	Santa Barbara	Point Conception	209	20	Wood Canyon	38-H	strat column		Luisian			
19934	Santa Barbara	Point Conception	209	21	Wood Canyon	38-H	strat column		Luisian			
19935	Santa Barbara	Point Conception	209	22	Wood Canyon	38-H	strat column		Luisian			
19936	Santa Barbara	Point Conception	209	23	Wood Canyon	38-H	strat column		Luisian			
19937	Santa Barbara	Point Conception	209	24	Wood Canyon	38-H	strat column		Luisian			
19938	Santa Barbara	Point Conception	209	25	Wood Canyon	38-H	strat column		Luisian			
19939	Santa Barbara	Point Conception	209	26	Wood Canyon	38-H	strat column		Luisian			
19940	Santa Barbara	Point Conception	209	27	Wood Canyon	38-H	strat column		Lower Mohnian			
19941	Santa Barbara	Point Conception	209	28	Wood Canyon	38-H	strat column		Lower Mohnian			
19942	Santa Barbara	Point Conception	209	29	Wood Canyon	38-H	strat column		Lower Mohnian			
19943	Santa Barbara	Point Conception	209	30	Wood Canyon	38-H	strat column		Lower Mohnian			
19944	Santa Barbara	Point Conception	209	31	Wood Canyon	38-H	strat column		Lower Mohnian			
19945	Santa Barbara	Point Conception	209	32	Wood Canyon	38-H	strat column		Lower Mohnian			
19946	Santa Barbara	Point Conception	209	33	Wood Canyon	38-H	strat column		Lower Mohnian			
19947	Santa Barbara	Point Conception	209	34	Wood Canyon	38-H	strat column		Lower Mohnian			
19948	Santa Barbara	Point Conception	209	35	Wood Canyon	38-H	strat column		Lower Mohnian			
19949	Santa Barbara	Point Conception	209	36	Wood Canyon	38-H	strat column		Lower Mohnian			
19950	Santa Barbara	Point Conception	209	37	Wood Canyon	38-H	strat column		Lower Mohnian			
19951	Santa Barbara	Point Conception	209	38	Wood Canyon	38-H	strat column		Lower Mohnian			
19952	Santa Barbara	Point Conception	209	39	Wood Canyon	38-H	strat column		Lower Mohnian			
19953	Santa Barbara	Point Conception	209	40	Wood Canyon	38-H	strat column		Lower Mohnian			
19954	Santa Barbara	Point Conception	209	41	Wood Canyon	38-H	strat column		Upper Mohnian			
19955	Santa Barbara	Point Conception	209	42	Wood Canyon	38-H	strat column		Upper Mohnian			
19956	Santa Barbara	Point Conception	209	43	Wood Canyon	38-H	strat column		Upper Mohnian			
19957	Santa Barbara	Point Conception	209	44	Wood Canyon	38-H	strat column		Upper Mohnian			
19958	Santa Barbara	Point Conception	209	45	Wood Canyon	38-H	strat column		Upper Mohnian			
19959	Santa Barbara	Point Conception	209	46	Wood Canyon	38-H	strat column		Upper Mohnian			
19960	Santa Barbara	Point Conception	209	47	Wood Canyon	38-H	strat column		Upper Mohnian			
19961	Santa Barbara	Point Conception	209	48	Wood Canyon	38-H	strat column		Upper Mohnian			
19962	Santa Barbara	Point Conception	209	49	Wood Canyon	38-H	strat column		Upper Mohnian			
19963	Santa Barbara	Point Conception	209	49	Wood Canyon	38-H	strat column		Upper Mohnian			
19964	Santa Barbara	Point Conception	209	50	Wood Canyon	38-H	strat column		Upper Mohnian			
19965	Santa Barbara	Point Conception	209	51	Wood Canyon	38-H	strat column		Upper Mohnian			
19966	Santa Barbara	Point Conception	209	52	Wood Canyon	38-I	strat column		Upper Mohnian			
19967	Santa Barbara	Point Conception	209	53	Wood Canyon	38-I	strat column		Upper Mohnian			
19968	Santa Barbara	Point Conception	209	54	Wood Canyon	38-I	strat column		Upper Mohnian			
19969	Santa Barbara	Point Conception	209	55	Wood Canyon	38-I	strat column		Upper Mohnian			
19970	Santa Barbara	Point Conception	209	56	Wood Canyon	38-I	strat column		Upper Mohnian			
19971	Santa Barbara	Point Conception	209	57	Wood Canyon	38-I	strat column		Upper Mohnian			
19972	Santa Barbara	Point Conception	209	58	Wood Canyon	38-I	strat column		Upper Mohnian			
19973	Santa Barbara	Point Conception	209	59	Wood Canyon	38-I	strat column		Upper Mohnian			
19974	Santa Barbara	Point Conception	209	60	Wood Canyon	38-I	strat column		Upper Mohnian			
19975	Santa Barbara	Point Conception	209	61	Wood Canyon	38-I	strat column		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		ONE/SERIES/AGI	COLLECTORS		
19976	Santa Barbara	Point Conception	209	62	Wood Canyon	38-l	strat column		Upper Mohnian			
19977	Santa Barbara	Point Conception	209	63	Wood Canyon	38-l	strat column		Upper Mohnian			
19978	Santa Barbara	Point Conception	209	64	Wood Canyon	38-l	strat column		Upper Mohnian			
19979	Santa Barbara	Point Conception	209	65	Wood Canyon	38-l	strat column		Upper Mohnian			
19980	Santa Barbara	Point Conception	209	66	Wood Canyon	38-l	strat column		Upper Mohnian			
19981	Santa Barbara	Point Conception	209	67	Wood Canyon	38-l	strat column		Upper Mohnian			
19982	Santa Barbara	Point Conception	209	68	Wood Canyon	38-l	strat column		Upper Mohnian			
19983	Santa Barbara	Point Conception	209	70	Wood Canyon	38-l	strat column		Upper Mohnian			
19984	Santa Barbara	Point Conception	209	71	Wood Canyon	38-l	strat column		Upper Mohnian			
19985	Santa Barbara	Point Conception	209	72	Wood Canyon	38-l	strat column		Upper Mohnian			
19986	Santa Barbara	Point Conception	209	73	Wood Canyon	38-l	strat column		Upper Mohnian			
19987	Santa Barbara	Point Conception	209	74	Wood Canyon	38-l	strat column		Upper Mohnian			
19988	Santa Barbara	Point Conception	209	75	Wood Canyon	38-l	strat column		Upper Mohnian			
19989	Santa Barbara	Point Conception	209	76	Wood Canyon	38-l	strat column		Upper Mohnian			
19990	Santa Barbara	Point Conception	209	77	Wood Canyon	38-l	strat column		Upper Mohnian			
19991	Santa Barbara	Point Conception	209	78	Wood Canyon	38-l	strat column		Upper Mohnian			
19992	Santa Barbara	Point Conception	209	79	Wood Canyon	38-l	strat column		Upper Mohnian			
19993	Santa Barbara	Point Conception	209	80	Wood Canyon	38-l	strat column		Upper Mohnian			
19994	Santa Barbara	Point Conception	209	81	Wood Canyon	38-l	strat column		Upper Mohnian			
19995	Santa Barbara	Point Conception	209	82	Wood Canyon	38-l	strat column		Upper Mohnian			
19996	Santa Barbara	Point Conception	209	83	Wood Canyon	38-l	strat column		Upper Mohnian			
19997	Santa Barbara	Point Conception	209	84	Wood Canyon	38-l	strat column		Upper Mohnian			
19998	Santa Barbara	Point Conception	209	85	Wood Canyon	38-l	strat column		Upper Mohnian			
19999	Santa Barbara	Point Conception	209	86	Wood Canyon	38-l	strat column		Upper Mohnian			
20000	Santa Barbara	Point Conception	209	87	Wood Canyon	38-l	strat column		Upper Mohnian			
20001	Santa Barbara	Point Conception	209	88	Wood Canyon	38-l	strat column		Upper Mohnian			
20002	Santa Barbara	Point Conception	209	89	Wood Canyon	38-l	strat column		Upper Mohnian			
20003	Santa Barbara	Point Conception	209	90	Wood Canyon	38-l	strat column		Upper Mohnian			
20004	Santa Barbara	Point Conception	209	91	Wood Canyon	38-l	strat column		Upper Mohnian			
20005	Santa Barbara	Point Conception	209	92	Wood Canyon	38-l	strat column		Upper Mohnian			
20006	Santa Barbara	Point Conception	209	93	Wood Canyon	38-l	strat column		Upper Mohnian			
20007	Santa Barbara	Point Conception	209	95	Wood Canyon	38-l	strat column		Upper Mohnian			
20008	Santa Barbara	Point Conception	209	96	Wood Canyon	38-l	strat column		Upper Mohnian			
20009	Santa Barbara	Point Conception	209	97	Wood Canyon	38-l	strat column		Upper Mohnian			
20010	Santa Barbara	Point Conception	209	98	Wood Canyon	38-l	strat column		Upper Mohnian			
20011	Santa Barbara	Point Conception	209	99	Wood Canyon	38-l	strat column		Upper Mohnian			
20012	Santa Barbara	Point Conception	209	100	Wood Canyon	38-l	strat column		Upper Mohnian			
20013	Santa Barbara	Point Conception	209	101	Wood Canyon	38-l	strat column		Upper Mohnian			
20014	Santa Barbara	Point Conception	209	102	Wood Canyon	38-l	strat column		Upper Mohnian			
20015	Santa Barbara	Point Conception	209	103	Wood Canyon	38-l	strat column		Upper Mohnian			
20016	Santa Barbara	Point Conception	244		near Pt Conception	A-1	marine Sespe	not on map	Oligocene?			
20017	Santa Barbara	Point Conception	4811		Can Cementario	37-M			no paleo info			
20018	Santa Barbara	Point Conception	4812		Canada Cojo	37-M			no paleo info			
20019	Santa Barbara	Point Conception	4838	3	Can Cementario	37-K			no paleo info			
20020	Santa Barbara	Point Conception	4838	10	Can Cementario	37-K			no paleo info			
20021	Santa Barbara	Point Conception	4838	11	Can Cementario	37-K			no paleo info			
20022	Santa Barbara	Point Conception	4840	1	Can Cementario	37-L			no paleo info			
20023	Santa Barbara	Point Conception	4840	3	Can Cementario	37-L			no paleo info			
20024	Santa Barbara	Point Conception	4840	4	Can Cementario	37-L			no paleo info			
20025	Santa Barbara	Point Conception	4840	11	Can Cementario	37-L			no paleo info			
20026	Santa Barbara	Point Conception	4840	12	Can Cementario	37-L			no paleo info			
20027	Santa Barbara	Point Conception	4840	13	Can Cementario	37-L			Have NP list on card			
20028	Santa Barbara	Point Conception	4840	14	Can Cementario	37-L			no paleo info			
20029	Santa Barbara	Point Conception	4840	15	Can Cementario	37-L			no paleo info			
20030	Santa Barbara	Point Conception	4845	1	Damsite Canyon	37-L			no paleo info			
20031	Santa Barbara	Point Conception	4845	2	Damsite Canyon	37-L			no paleo info			
20032	Santa Barbara	Point Conception	4845	3	Damsite Canyon	37-L			no paleo info			
20033	Santa Barbara	Point Conception	4845	4	Damsite Canyon	37-L			no paleo info			
20034	Santa Barbara	Point Conception	4845	5	Damsite Canyon	37-L			no paleo info			
20035	Santa Barbara	Point Conception	4845	6	Damsite Canyon	37-L			no paleo info			
20036	Santa Barbara	Point Conception	4845	8	Damsite Canyon	37-L		Cozy Dell	no paleo info			
20037	Santa Barbara	Point Conception	4845	9	Damsite Canyon	37-L			no paleo info			
20038	Santa Barbara	Point Conception	4845		Damsite Canyon	37-L			no paleo info			
20039	Santa Barbara	Point Conception	4848	1	Nr Las Animas Spr	37-L			no paleo info			
20040	Santa Barbara	Point Conception	4848	4	Nr Las Animas Spr	37-L			no paleo info			
20041	Santa Barbara	Point Conception	4848	5	Nr Las Animas Spr	37-L			no paleo info			
20042	Santa Barbara	Point Conception	4848	11	Nr Las Animas Spr	37-L			no paleo info			
20043	Santa Barbara	Point Conception	5050		NE part of quad	37-L			no paleo info			
20044	Santa Barbara	Point Conception	30494	5	Wood Canyon	118-G	Have strat column		Middle Miocene			
20045	Santa Barbara	Point Conception	30494	6	Wood Canyon	118-G			Middle Miocene			
20046	Santa Barbara	Point Conception	30494	9	Wood Canyon	118-G			Middle Miocene			
20047	Santa Barbara	Point Conception	30494	11	Wood Canyon	118-G			Middle Miocene			
20048	Santa Barbara	Point Conception	30494	12	Wood Canyon	118-G			Middle Miocene			
20049	Santa Barbara	Point Conception	30494	13	Wood Canyon	118-G			Middle Miocene			
20050	Santa Barbara	Point Conception	30966	11	Wood Canyon	121-J			not diagnostic			
20051	Santa Barbara	Point Conception	30966	14	Wood Canyon	121-J			not diagnostic			
20052	Santa Barbara	Point Conception	30966	15	Wood Canyon	118-H			prob Mohnian			
20053	Santa Barbara	Point Conception?	4813		not on map	37-M			no paleo info			
20054	Los Angeles	Point Dume	295	11	Ridge E Cachusa	118-N			Relizian			
20055	Los Angeles	Point Dume	295	17	Ridge E Cachusa	118-N			Saucesian			
20056	Los Angeles	Point Dume	295	20	Ridge E Cachusa	118-N			Saucesian			
20057	Los Angeles	Point Dume	295	27	Ridge E Cachusa	118-N			Saucesian			
20058	Los Angeles	Point Dume	295	29	Ridge E Cachusa	118-N			Saucesian			
20059	Los Angeles	Point Dume	295	30	Ridge E Cachusa	118-N			Saucesian			
20060	Los Angeles	Point Dume	305	4	Dume Cove	26-L	strat column		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	MISC	ZONE/SERIES/AGI	COLLECTORS		
20061	Los Angeles	Point Dume	305	5	Dume Cove	26-L			Upper Mohnian			
20062	Los Angeles	Point Dume	305	7	Dume Cove	26-L			Upper Mohnian			
20063	Los Angeles	Point Dume	305	11	Dume Cove	26-L			Upper Mohnian			
20064	Los Angeles	Point Dume	305	12	Dume Cove	26-L			Upper Mohnian			
20065	Los Angeles	Point Dume	305	13	Dume Cove	26-L			Upper Mohnian			
20066	Los Angeles	Point Dume	305	14	Dume Cove	26-L			Upper Mohnian			
20067	Los Angeles	Point Dume	312	2	Malibu Riviera	22-M			Mohnian			
20068	Los Angeles	Point Dume	313	1	Laval Grade sect	H-14			not diagnostic			
20069	Los Angeles	Point Dume	313	2	Laval Grade sect	H-14			Upper Miocene			
20070	Los Angeles	Point Dume	313	3	Laval Grade sect	H-14			not diagnostic			
20071	Los Angeles	Point Dume	313	4	Laval Grade sect	H-14			Mohnian			
20072	Los Angeles	Point Dume	313	2	same area?	45-L			Upper Miocene			
20073	Los Angeles	Point Dume	313	3	same area?	45-L			not diagnostic			
20074	Los Angeles	Point Dume	313	4	same area?	45-L			not diagnostic			
20075	Los Angeles	Point Dume	313	7	same area?	45-L			Mohnian			
20076	Los Angeles	Point Dume	314	1	Zuma Beach area	45-M			Mohnian			
20077	Los Angeles	Point Dume	314	2	Zuma Beach area	45-M			Mohnian			
20078	Los Angeles	Point Dume	314	3	Zuma Beach area	45-M			Mohnian			
20079	Los Angeles	Point Dume	314	4	Zuma Beach area	45-M			Mohnian			
20080	Los Angeles	Point Dume	315	5	Zuma Beach area	45-L			not diagnostic			
20081	Los Angeles	Point Dume	1236		Paradise Cove	2-L	old Solstice Cyn Q		no paleo info			
20082	Los Angeles	Point Dume	1236		Paradise Cove	2-L	old Solstice Cyn Q		no paleo info			
20083	Los Angeles	Point Dume	1237		Paradise Cove	2-L	old Solstice Cyn Q		no paleo info			
20084	Los Angeles	Point Dume	1237		Paradise Cove	2-L	old Solstice Cyn Q		no paleo info			
20085	Los Angeles	Point Dume	1238		Paradise Cove	2-L	old Solstice Cyn Q		no paleo info			
20086	Los Angeles	Point Dume	1272		Hwy 101	2-L	old Dume Point Q		no paleo info			
20087	Los Angeles	Point Dume	1274		Hwy 101	2-A	old Dume Point Q		no paleo info			
20088	Los Angeles	Point Dume	1276		Hwy 101	2-A	old Dume Point Q		no paleo info			
20089	Los Angeles	Point Dume	1277		Dume Cove	2-A	old Dume Point Q		no paleo info			
20090	Los Angeles	Point Dume	1278		Dume Cove	2-A	old Dume Point Q		no paleo info			
20091	Los Angeles	Point Dume	1290		not on map	2-A	old Dume Point Q		no paleo info			
20092	Los Angeles	Point Dume	1291		not on map	2-L	old Solstice Cyn Q		no paleo info			
20093	Los Angeles	Point Dume	1292		Hwy 101	2-L	old Solstice Cyn Q		no paleo info			
20094	Los Angeles	Point Dume	1292		picked slide	70-C	old Solstice Cyn Q		no paleo info			
20095	Los Angeles	Point Dume	2046		Zuma Beach	70-C		great forams	Relizian			
20096	Los Angeles	Point Dume	6060		Solstice Canyon	54-I			no paleo info			
20097	Los Angeles	Point Dume	6269		not on map	65-J	name on slide	see #6304	Eocene			
20098	Los Angeles	Point Dume	6304		not on map	65-J	name on slide		no paleo info			
20099	Los Angeles	Point Dume?	21	1	not found	2-L			Luisian/Relizian	Reid		
20100	Los Angeles	Point Dume?	21	1RS	not found	2-L			no paleo info	Reid		
20101	Los Angeles	Point Dume?	21	2	not found	2-L			Luisian	Reid		
20102	Los Angeles	Point Dume?	21	2RS	not found	2-L			Luisian	Reid		
20103	Los Angeles	Point Dume?	21	3	not found	2-L			Luisian	Reid		
20104	Los Angeles	Point Dume?	21	4	not found	2-L			Luisian	Reid		
20105	Los Angeles	Point Dume?	21	7	not found	2-L			Luisian	Reid		
20106	Los Angeles	Point Dume?	21	8	not found	2-L			no paleo info	Reid		
20107	Los Angeles	Point Dume?	21	10	not found	2-L			no paleo info	Reid		
20108	Los Angeles	Point Dume?	21	11	not found	49-L			Luisian			
20109	Los Angeles	Point Dume?	21	11	not found	1-B			no paleo info			
20110	Los Angeles	Point Dume?	21	15	not found	2-L			no paleo info			
20111	San Diego	Point Loma	526	1	Pt Loma area	82-D			no paleo info			
20112	San Diego	Point Loma	526	slide 1	Pt Loma area	82-G			no paleo info			
20113	San Diego	Point Loma	526	2	Pt Loma area	82-D			no paleo info			
20114	San Diego	Point Loma	526	3	Pt Loma area	82-D			no paleo info			
20115	San Diego	Point Loma	526	4	Pt Loma area	82-D			no paleo info			
20116	San Diego	Point Loma	526	5	Pt Loma area	82-D			no paleo info			
20117	San Diego	Point Loma	526	6	Pt Loma area	82-D			no paleo info			
20118	San Diego	Point Loma	526	7	Pt Loma area	82-D			no paleo info			
20119	San Diego	Point Loma	526	slide 7	Pt Loma area	82-G			no paleo info			
20120	San Diego	Point Loma	526	8	Pt Loma area	82-D			no paleo info			
20121	San Diego	Point Loma	526	9	Pt Loma area	82-D			no paleo info			
20122	San Diego	Point Loma	526	10	Pt Loma area	82-D			no paleo info			
20123	San Diego	Point Loma	526	11	Pt Loma area	82-D			no paleo info			
20124	San Diego	Point Loma	526	12	Pt Loma area	82-D			no paleo info			
20125	San Diego	Point Loma	526	13	Pt Loma area	82-D			no paleo info			
20126	San Diego	Point Loma	526	14	Pt Loma area	82-D			no paleo info			
20127	San Diego	Point Loma	526	slide 14	Pt Loma area	82-G			no paleo info			
20128	San Diego	Point Loma	526	15	Pt Loma area	82-D			no paleo info			
20129	San Diego	Point Loma	526	16	Pt Loma area	82-D			no paleo info			
20130	San Diego	Point Loma	526	17	Pt Loma area	82-D			no paleo info			
20131	San Diego	Point Loma	526	18	Pt Loma area	82-D			no paleo info			
20132	San Diego	Point Loma	526	19	Pt Loma area	82-D			no paleo info			
20133	San Diego	Point Loma	526	20	Pt Loma area	82-D			no paleo info			
20134	San Diego	Point Loma	526	21	Pt Loma area	82-G			no paleo info			
20135	San Diego	Point Loma	526	slide 21	Pt Loma area	82-D			no paleo info			
20136	San Diego	Point Loma	526	22	Pt Loma area	82-D			no paleo info			
20137	San Diego	Point Loma	526	slide 22	Pt Loma area	82-G			no paleo info			
20138	San Diego	Point Loma	526	23	Pt Loma area	82-D			no paleo info			
20139	San Diego	Point Loma	6434		NW part of quad	53-N			no paleo info			
20140	Ventura	Point Magu	20	5	NC part of quad	1-B		c	no paleo info			
20141	Ventura	Point Magu	20	8	NC part of quad	1-B			no paleo info			
20142	Ventura	Point Magu	20	9	NC part of quad	1-B			no paleo info			
20143	Ventura	Point Magu	261	1	At Point Magu	25-C			no paleo info			
20144	Ventura	Point Magu	261	2	At Point Magu	25-C			no paleo info			
20145	Ventura	Point Magu	261	3	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	ONE/SERIES/AGI	COLLECTORS		
20146	Ventura	Point Magu	261	4	At Point Magu	25-C			no paleo info			
20147	Ventura	Point Magu	261	7A	At Point Magu	25-C			no paleo info			
20148	Ventura	Point Magu	261	8	At Point Magu	25-C			no paleo info			
20149	Ventura	Point Magu	261	9	At Point Magu	25-C			no paleo info			
20150	Ventura	Point Magu	261	10	At Point Magu	25-C			no paleo info			
20151	Ventura	Point Magu	284	2	EC part of quad	2-M			no paleo info			
20152	Ventura	Point Magu	284	3	EC part of quad	2-M			no paleo info			
20153	Ventura	Point Magu	284	4	EC part of quad	2-M			no paleo info			
20154	Ventura	Point Magu	284	5	EC part of quad	2-M			no paleo info			
20155	Ventura	Point Magu	284	6	EC part of quad	2-M			no paleo info			
20156	Ventura	Point Magu	284	7	EC part of quad	2-M			no paleo info			
20157	Ventura	Point Magu	284	8	EC part of quad	2-M			no paleo info			
20158	Ventura	Point Magu	284	9	EC part of quad	2-M			no paleo info			
20159	Ventura	Point Magu	284	12	EC part of quad	2-M			no paleo info			
20160	Ventura	Point Magu	284	13	EC part of quad	2-M			no paleo info			
20161	Ventura	Point Magu	284	14	EC part of quad	2-M			no paleo info			
20162	Ventura	Point Magu	284	15	EC part of quad	2-M			no paleo info			
20163	Ventura	Point Magu	284	16	EC part of quad	2-M			no paleo info			
20164	Ventura	Point Magu	284	17	EC part of quad	2-M			no paleo info			
20165	Ventura	Point Magu	284	18	EC part of quad	2-M			no paleo info			
20166	Ventura	Point Magu	284	19	EC part of quad	2-M			no paleo info			
20167	Ventura	Point Magu	284	21	EC part of quad	2-M			no paleo info			
20168	Ventura	Point Magu	284	22	EC part of quad	2-M			no paleo info			
20169	Ventura	Point Magu	284	23	EC part of quad	2-M			no paleo info			
20170	Ventura	Point Magu	284	25	EC part of quad	2-M			no paleo info			
20171	Ventura	Point Magu	284	26	EC part of quad	2-M			no paleo info			
20172	Ventura	Point Magu	285	2	NE part of quad	25-C			Saucesian/Relizian			
20173	Ventura	Point Magu	285	3	NE part of quad	25-C			Saucesian/Relizian			
20174	Ventura	Point Magu	285	4	NE part of quad	25-C			not diagnostic			
20175	Ventura	Point Magu	285	19	NE part of quad	25-C			Miocene			
20176	Ventura	Point Magu	285	30	NE part of quad	25-C			not diagnostic			
20177	Santa Barbara	Point Sal	604	3	Mussel Point area	65-J		Have strat	Middle Miocene			
20178	Santa Barbara	Point Sal	604	4	Mussel Point area	65-J		column but ag	Middle Miocene			
20179	Santa Barbara	Point Sal	604	5	Mussel Point area	65-J		from Weaver	Middle Miocene			
20180	Santa Barbara	Point Sal	1738		2 mi NE of Pt Sal	69-B	Point Sal 15'		barren	Newbill		
20181	Santa Barbara	Point Sal	1741		2 mi NE of Pt Sal	69-B	Point Sal 15'		not diagnostic	Newbill		
20182	Santa Barbara	Point Sal	1742		2 mi NE of Pt Sal	69-B	Point Sal 15'		not diagnostic	Newbill		
20183	Santa Barbara	Point Sal	3913		SE corner quad	69-J	Point Sal 15'		Relizian	Kraetsch &		
20184	Santa Barbara	Point Sal	3915		SE corner quad	69-J	Point Sal 15'		not diagnostic	Kraetsch &		
20185	Santa Barbara	Point Sal	30964	7	near Mussel Rock	118-I	Have strat column		M or U Miocene			
20186	Santa Barbara	Point Sal	30964	9	near Mussel Rock	118-I			Middle Miocene			
20187	Santa Barbara	Point Sal	30964	10	near Mussel Rock	118-I			Middle Miocene			
20188	Santa Barbara	Point Sal?	604	3	Mussel Point area	66-L	These slides may		Middle Miocene			
20189	Santa Barbara	Point Sal?	604	4	Mussel Point area	66-L	be duplicates or		Middle Miocene			
20190	Santa Barbara	Point Sal?	604	5	Mussel Point area	66-L	from Pyramid		Middle Miocene			
20191	Santa Barbara	Point Sal?	604	6	Mussel Point area	66-L	Hills Quad.		Middle Miocene			
20192	Santa Barbara	Point Sal?	604	7	Mussel Point area	66-L			Middle Miocene			
20193	Santa Barbara	Point Sal?	604	8	Mussel Point area	66-L			Relizian			
20194	Santa Barbara	Point Sal?	604	13	Mussel Point area	66-L			Relizian			
20195	Santa Barbara	Point Sal?	604	15	Mussel Point area	66-L			Relizian			
20196	Santa Barbara	Point Sal?	604	17	Mussel Point area	66-L			Relizian			
20197	Santa Barbara	Point Sal?	604	19	Mussel Point area	66-L			Relizian			
20198	Santa Barbara	Point Sal?	604	20	Mussel Point area	66-L			Relizian			
20199	Santa Barbara	Point Sal?	604	23	Mussel Point area	66-L			Relizian			
20200	Santa Barbara	Point Sal?	604	24	Mussel Point area	66-L			Relizian			
20201	Santa Barbara	Point Sal?	604	25	Mussel Point area	66-L			Relizian			
20202	Santa Barbara	Point Sal?	604	26	Mussel Point area	66-L			Relizian			
20203	Santa Barbara	Point Sal?	604	27	Mussel Point area	66-L			Relizian			
20204	Santa Barbara	Point Sal?	604	28	Mussel Point area	66-L			Relizian			
20205	Santa Barbara	Point Sal?	604	31	Mussel Point area	66-L			Relizian			
20206	Monterey	Point Sur	11433		Little Sur River	161-J		molds only	Lower Miocene	Brooke		
20207	Monterey	Point Sur	11434		Little Sur River	161-J			poss Saucesian	Flege		
20208	Monterey	Point Sur	11445		Little Sur River	48-F			Upper Mohnian			
20209	Monterey	Point Sur	11448		Little Sur River	48-F			Upper Mohnian			
20210	Monterey	Point Sur	11478		Little Sur River	70-J	Point Sur 15'		not diagnostic	Flege		
20211	Monterey	Point Sur	11479		Little Sur River	70-J	Point Sur 15'		not diagnostic	Flege		
20212	San Luis Obispo	Port San Luis	2200		end of See Cyn Rd	69-H			Saucesian			
20213	San Luis Obispo	Port San Luis	5167		Rattlesnake Cyn	65-A			Miocene			
20214	San Luis Obispo	Port San Luis	5172		Deer Canyon	64-M		strat column	Saucesian			
20215	San Luis Obispo	Port San Luis	5173		NW of Deer Cyn	64-M		strat column	Saucesian			
20216	San Luis Obispo	Port San Luis	6073		Green Peak	65-C	see loc 5172 for	strat column	Relizian			
20217	San Luis Obispo	Port San Luis	6074		SE of Green Peak	66-E	see loc 5172 for	strat column	Saucesian?			
20218	San Luis Obispo	Port San Luis	6075		SE of Green Peak	66-E	see loc 5172 for	strat column	Saucesian?			
20219	San Luis Obispo	Port San Luis	7414	1	S of Greens Peak	65-J		fish scale age	L or M Miocene	Schweitzer		
20220	San Luis Obispo	Port San Luis	7414	2	S of Greens Peak	65-J		Mioc NP	L or M Miocene	Schweitzer		
20221	San Luis Obispo	Port San Luis	7527		W of Deer Canyon	66-L	La Panza 15'		no paleo info			
20222	San Luis Obispo	Port San Luis	7528	A	W of Deer Canyon	66-L	La Panza 15'		no paleo info			
20223	San Luis Obispo	Port San Luis	7528	B	W of Deer Canyon	66-L	La Panza 15'		no paleo info			
20224	San Luis Obispo	Port San Luis	7530		San Luis Hill	66-L	sa La Panza		no paleo info			
20225	San Luis Obispo	Port San Luis	7533		Pecho Creek	66-L			no paleo info			
20226	San Luis Obispo	Port San Luis	11750		See Canyon	79-K			Relizian	Moberly		
20227	San Luis Obispo	Port San Luis	11751		Diablo Canyon	79-K	see loc 5172 for	strat column	Relizian	Moberly		
20228	San Luis Obispo	Port San Luis	11752		Lion Rock	79-K			prob Luisian	Moberly		
20229	San Luis Obispo	Port San Luis	11755		Diablo Canyon	79-K	sa Pismo Beach		Zemorrian	Moberly		
20230	San Luis Obispo	Port San Luis	11756		Wild Cherry Cyn	79-K			Miocene/Pliocene	Moberly		

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		
20231	San Luis Obispo	Port San Luis	11757		S of Diablo Canyon	79-K			poss Saucesian	Moberly		
20232	San Luis Obispo	Port San Luis	11758		See Canyon	79-K	sa S Rosa Hills		Lower Mohnian	Moberly		
20233	San Luis Obispo	Port San Luis	24084	1	NW part of quad	99-F	Have strat column		Mohnian			
20234	San Luis Obispo	Port San Luis	24084	2	NW part of quad	99-F			Mohnian			
20235	San Luis Obispo	Port San Luis	24084	3	NW part of quad	99-F			not diagnostic			
20236	San Luis Obispo	Port San Luis	24084	4	NW part of quad	99-F			not diagnostic			
20237	San Luis Obispo	Port San Luis	24084	5	NW part of quad	99-F			Mohnian			
20238	San Luis Obispo	Port San Luis	24084	6	NW part of quad	99-F			not diagnostic			
20239	San Luis Obispo	Port San Luis	24084	7	NW part of quad	99-F			Mohnian			
20240	San Luis Obispo	Port San Luis	24084	9	NW part of quad	99-F			Mohnian			
20241	San Luis Obispo	Port San Luis	24084	10	NW part of quad	99-F			Mohnian			
20242	San Luis Obispo	Port San Luis	24084	11	NW part of quad	99-F			not diagnostic			
20243	San Luis Obispo	Port San Luis	24084	12	NW part of quad	99-F			not diagnostic			
20244	San Luis Obispo	Port San Luis	24084	13	NW part of quad	99-F			not diagnostic			
20245	San Luis Obispo	Port San Luis	24084	14	NW part of quad	99-F			not diagnostic			
20246	San Luis Obispo	Port San Luis	24084	15	NW part of quad	99-F			not diagnostic			
20247	San Luis Obispo	Port San Luis	24084	16	NW part of quad	99-F			not diagnostic			
20248	San Luis Obispo	Port San Luis	24084	17	NW part of quad	99-F			not diagnostic			
20249	San Luis Obispo	Port San Luis	24084	19	NW part of quad	99-F			not diagnostic			
20250	San Luis Obispo	Port San Luis	24084	20	NW part of quad	99-F			Mohnian			
20251	San Luis Obispo	Port San Luis	24084	21	NW part of quad	99-F			Mohnian			
20252	San Luis Obispo	Port San Luis	24084	22	NW part of quad	99-F			Mohnian			
20253	San Luis Obispo	Port San Luis	24084	23	NW part of quad	99-F			Mohnian			
20254	San Luis Obispo	Port San Luis	24084	26	NW part of quad	99-F			Mohnian			
20255	San Luis Obispo	Port San Luis	24084	27	NW part of quad	99-F			not diagnostic			
20256	San Luis Obispo	Port San Luis	24084	28	NW part of quad	99-F			not diagnostic			
20257	San Luis Obispo	Port San Luis	24084	29	NW part of quad	99-F			Mohnian			
20258	San Luis Obispo	Port San Luis	24084	30	NW part of quad	99-F			Luisian			
20259	San Luis Obispo	Port San Luis	24084	32	NW part of quad	99-F			not diagnostic			
20260	San Luis Obispo	Port San Luis	24085		NW part of quad	99-F			Luisian			
20261	San Luis Obispo	Port San Luis	30984		NE part quad	99-H			Upper Relizian			
20262	San Luis Obispo	Pozo Summit	3838		Soto Canyon	30-I	Pozo 15'		Upper Cretaceous			
20263	San Luis Obispo	Pozo Summit	3839		Soto Canyon	30-I	Pozo 15'		Upper Cretaceous			
20264	San Luis Obispo	Pozo Summit	3840		Soto Canyon	30-I	Pozo 15'		Upper Cretaceous			
20265	San Luis Obispo	Pozo Summit	22359	2	East of Pozo	162-L	area K-9		no paleo info			
20266	San Luis Obispo	Pozo Summit	22359	3	East of Pozo	162-L			no paleo info			
20267	San Bernardino	Prado Dam	181	1	Chino Hills	49-G			no ages provided			
20268	San Bernardino	Prado Dam	181	2	Chino Hills	49-G			no ages provided			
20269	San Bernardino	Prado Dam	181	3	Chino Hills	49-G			no ages provided			
20270	San Bernardino	Prado Dam	181	4	Chino Hills	49-G			no ages provided			
20271	San Bernardino	Prado Dam	181	5	Chino Hills	49-G			no ages provided			
20272	San Bernardino	Prado Dam	181	6	Chino Hills	49-G			no ages provided			
20273	San Bernardino	Prado Dam	181	7	Chino Hills	49-G			no ages provided			
20274	San Bernardino	Prado Dam	181	8	Chino Hills	49-G			no ages provided			
20275	San Bernardino	Prado Dam	181	9	Chino Hills	49-G			no ages provided			
20276	San Bernardino	Prado Dam	181	10	Chino Hills	49-G			no ages provided			
20277	San Bernardino	Prado Dam	181	11	Chino Hills	49-G			no ages provided			
20278	San Bernardino	Prado Dam	181	12	Chino Hills	49-G			no ages provided			
20279	San Bernardino	Prado Dam	181	13	Chino Hills	49-G			no ages provided			
20280	San Bernardino	Prado Dam	181	14	Chino Hills	49-G			no ages provided			
20281	San Bernardino	Prado Dam	181	15	Chino Hills	49-G			no ages provided			
20282	San Bernardino	Prado Dam	181	16	Chino Hills	49-G			no ages provided			
20283	San Bernardino	Prado Dam	181	17	Chino Hills	49-G			no ages provided			
20284	San Bernardino	Prado Dam	181	18	Chino Hills	49-G			no ages provided			
20285	San Bernardino	Prado Dam	181	19	Chino Hills	49-G			no ages provided			
20286	San Bernardino	Prado Dam	181	20	Chino Hills	49-G			no ages provided			
20287	San Bernardino	Prado Dam	181	22	Chino Hills	49-G			no ages provided			
20288	San Bernardino	Prado Dam	181	23	Chino Hills	49-G			no ages provided			
20289	San Bernardino	Prado Dam	181	24	Chino Hills	49-G			no ages provided			
20290	San Bernardino	Prado Dam	181	25	Chino Hills	49-G			no ages provided			
20291	San Bernardino	Prado Dam	181	27	Chino Hills	49-G			no ages provided			
20292	San Bernardino	Prado Dam	181	14	Chino Hills	49-G			no ages provided			
20293	San Bernardino	Prado Dam	181	15	Chino Hills	49-G		Cibicides	no ages provided			
20294	San Bernardino	Prado Dam	181	16	Chino Hills	49-G		Cibicides	no ages provided			
20295	San Bernardino	Prado Dam	560	26	Carbon Canyon	62-B			Upper Mohnian			
20296	San Bernardino	Prado Dam	560	27	Carbon Canyon	62-B			Upper Mohnian			
20297	San Bernardino	Prado Dam	560	28	Carbon Canyon	62-B			Upper Mohnian			
20298	San Bernardino	Prado Dam	560	29	Carbon Canyon	62-B			Upper Mohnian			
20299	San Bernardino	Prado Dam	560	30	Carbon Canyon	62-B			Upper Mohnian			
20300	San Bernardino	Prado Dam	560	31	Carbon Canyon	62-B			Upper Mohnian			
20301	San Bernardino	Prado Dam	4668		Slaughter Canyon	37-M			no paleo info			
20302	San Bernardino	Prado Dam	4676		SE part of quad	35-A	Chino Hills		no paleo info			
20303	San Bernardino	Prado Dam	4681		Slaughter Canyon	35-A	Chino Hills		no paleo info			
20304	San Bernardino	Prado Dam	4683		SE part of quad	35-A	Chino Hills		no paleo info			
20305	San Bernardino	Prado Dam	4684		SE part of quad	35-A	Chino Hills		no paleo info			
20306	San Bernardino	Prado Dam	4687		SE part of quad	35-A	Chino Hills		no paleo info			
20307	San Bernardino	Prado Dam	4692		SE part of quad	35-A	Chino Hills		no paleo info			
20308	San Bernardino	Prado Dam	4693	1	SE part of quad	35-A	Chino Hills		no paleo info			
20309	San Bernardino	Prado Dam	4693	2	SE part of quad	35-A	Chino Hills		no paleo info			
20310	San Bernardino	Prado Dam	4693	3	SE part of quad	35-B	Chino Hills		no paleo info			
20311	San Bernardino	Prado Dam	4697		center of quad	35-B	Chino Hills		no paleo info			
20312	San Bernardino	Prado Dam	4698	1	Slaughter Canyon	35-B	Chino Hills		no paleo info			
20313	San Bernardino	Prado Dam	4698	2	Slaughter Canyon	35-B	Chino Hills		no paleo info			
20314	San Bernardino	Prado Dam	4700		SE part of quad	35-B	Chino Hills		no paleo info			
20315	San Bernardino	Prado Dam	4701	1	SE part of quad	35-B	Chino Hills		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		
20316	San Bernardino	Prado Dam	4701	2	SE part of quad	35-B	Chino Hills		no paleo info			
20317	San Bernardino	Prado Dam	4601	3	SE part of quad	35-B	Chino Hills		no paleo info			
20318	San Bernardino	Prado Dam	4701	4	SE part of quad	35-B	Chino Hills		no paleo info			
20319	San Bernardino	Prado Dam	4701	5	SE part of quad	35-B	Chino Hills		no paleo info			
20320	San Bernardino	Prado Dam	4718		SE part of quad	35-N	Chino Hills		no paleo info			
20321	San Bernardino	Prado Dam	9315		Aliso Canyon	155-I	ditto		Delmontian	Hunter		
20322	San Bernardino	Prado Dam	9316		NW of Prado Dam	155-I	ditto		Upper Miocene	Hunter		
20323	San Bernardino	Prado Dam	9317		NW of Prado Dam	155-I	ditto		no paleo info	Hunter		
20324	San Bernardino	Prado Dam	9318		Abacheril Canyon	155-I	ditto		no paleo info	Hunter		
20325	San Bernardino	Prado Dam	9319		Abacheril Canyon	155-I	ditto		no paleo info	Hunter		
20326	San Bernardino	Prado Dam	9321		Bane Canyon	155-I	ditto		no paleo info	Hunter		
20327	San Bernardino	Prado Dam	9322		Bane Canyon	155-I	ditto		not diagnostic	Hunter		
20328	San Bernardino	Prado Dam	9327		not found	155-I	ditto		no paleo info	Hunter		
20329	San Bernardino	Prado Dam	9328		Slaughter Canyon	155-I	ditto		no paleo info	Hunter		
20330	San Bernardino	Prado Dam	9331		Slaughter Canyon	155-I	ditto		no paleo info	Hunter		
20331	San Bernardino	Prado Dam	9332		Slaughter Canyon	155-I	ditto		no paleo info	Hunter		
20332	San Bernardino	Prado Dam	9333		Slaughter Canyon	155-I	ditto		no paleo info	Hunter		
20333	San Bernardino	Prado Dam	9342		SC part of quad	155-I			no paleo info	Hunter		
20334	San Bernardino	Prado Dam	9344		SC part of quad	155-I			no paleo info	Hunter		
20335	San Bernardino	Prado Dam	9345		SC part of quad	155-I			no paleo info	Hunter		
20336	San Bernardino	Prado Dam	9347		SC part of quad	155-I			no paleo info	Hunter		
20337	San Bernardino	Prado Dam	9347	A	SC part of quad	155-I			no paleo info	Hunter		
20338	San Bernardino	Prado Dam	9348		SC part of quad	155-J			no paleo info	Hunter		
20339	San Bernardino	Prado Dam	9349		SC part of quad	155-J	ditto		no paleo info	Hunter		
20340	San Bernardino	Prado Dam	9354		NW of Prado Dam	155-J	ditto		no paleo info	Hunter		
20341	San Bernardino	Prado Dam	9355		NW of Prado Dam	155-J	ditto		no paleo info	Hunter		
20342	San Bernardino	Prado Dam	9357		not found	155-J	cab Painted Rk quad		no paleo info	Hunter		
20343	San Bernardino	Prado Dam	9195	1	SE part of quad	82-K			no paleo info			
20344	San Bernardino	Prado Dam	9195	2	SE part of quad	82-K		NP age	Mohanian			
20345	San Bernardino	Prado Dam	9195	3	SE part of quad	82-K			no paleo info			
20346	San Bernardino	Prado Dam	9195	5	SE part of quad	82-K		abun planktics	Upper Miocene?			
20347	Fresno	Priest Valley	11796	10	NE part of quad	260-G	Priest Valley 15'		no paleo info	Reber		
20348	Fresno	Priest Valley	26957	A	NW part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
20349	Fresno	Priest Valley	26957	B	NW part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
20350	Fresno	Priest Valley	26957	E	NW part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
20351	Kings	Pyramid Hills	1371		Sulphur Spr Cyn	88-D			no paleo info	Hastings		
20352	Kern	Pyramid Hills	5223		SW part of quad	I-6			no paleo info	Hovey		
20353	Kern	Pyramid Hills	5227		Indian Rocks area	124-F			no paleo info	Hovey		
20354	Kern	Pyramid Hills	5228		Indian Rocks area	124-F			no paleo info	Hovey		
20355	Kings	Pyramid Hills	5655		NW part of quad	135-J			no paleo info	Seiden		
20356	Kings	Pyramid Hills	5663		NW part of quad	135-J			no paleo info	Seiden		
20357	Kern	Pyramid Hills	13848		SW part of quad	207-F			no paleo info	WJL		
20358	Kern	Pyramid Hills	13849		SW part of quad	207-F			no paleo info	WJL		
20359	Kern	Pyramid Hills	13852		SW part of quad	207-F			no paleo info	WJL		
20360	Kern	Pyramid Hills	13853		SW part of quad	207-F			no paleo info	WJL		
20361	San Diego	Rabbit Peak	10028	1	SE part of quad	22-D	Rabbit Peak 15'	Imperial Fm	Miocene			
20362	San Diego	Rabbit Peak	10028	5	SE part of quad	22-D	Rabbit Peak 15'	Imperial Fm	Miocene			
20363	San Diego	Rabbit Peak	10028	6	SE part of quad	22-D	Rabbit Peak 15'	Imperial Fm	Miocene			
20364	San Diego	Rabbit Peak	10133	1	SE part of quad	87-B	Rabbit Peak 15'		no paleo info			
20365	San Diego	Rabbit Peak	10133	2	SE part of quad	87-B	Rabbit Peak 15'		no paleo info			
20366	Tehama	Raglin Ridge	677	127	Cottonwood Creek	150-M	Colyear Sps 15'		Lower Cret L zone	Raydon		
20367	Tehama	Raglin Ridge	677	128	Cottonwood Creek	150-M	Colyear Sps 15'		Lower Cret K zone	Raydon		
20368	Colusa	Rail Canyon	200	A1	Logan Ck	G-4	Lodoga 15'	not on map	Upper Cretaceous			
20369	Colusa	Rail Canyon	200	B2	Logan Ck	G-4	Lodoga 15'	not on map	Upper Cretaceous			
20370	Colusa	Rail Canyon	200	C3	Logan Ck	G-4	Lodoga 15'	not on map	Upper Cretaceous			
20371	Colusa	Rail Canyon	200	D4	Logan Ck	G-4	Lodoga 15'	not on map	Upper Cretaceous			
20372	Colusa	Rail Canyon	200	E5	Logan Ck	G-4	Lodoga 15'	not on map	Upper Cretaceous			
20373	Glenn	Rail Canyon	244	213	W of Logan Creek	150-I	Lodoga 15'		U Cret poss H zone	Solari		
20374	Glenn	Rail Canyon	244	214	W of Logan Creek	150-I	Lodoga 15'		U Cret poss H zone	Solari		
20375	Glenn	Rail Canyon	244	215	W of Logan Creek	150-I	Lodoga 15'		U Cret poss H zone	Solari		
20376	Glenn	Rail Canyon	244	216	W of Logan Creek	150-I	Lodoga 15'		U Cret poss H zone	Solari		
20377	Glenn	Rail Canyon	244	217	W of Logan Creek	150-I	Lodoga 15'		U Cret poss H zone	Solari		
20378	Glenn	Rail Canyon	244	218	W of Logan Creek	150-I	Lodoga 15'		U Cret poss H zone	Solari		
20380	Glenn	Rail Canyon	245	1	W of Logan Creek	150-B	Lodoga 15'	Duplicate	L Cret J-1 zone	Gilbert		
20381	Glenn	Rail Canyon	245	2	W of Logan Creek	150-B	Lodoga 15'	numbers are	L Cret J-1 zone	Gilbert		
20382	Glenn	Rail Canyon	245	3	W of Logan Creek	150-B	Lodoga 15'	for Rail Canyon	L Cret J-1 zone	Gilbert		
20383	Glenn	Rail Canyon	245	4	W of Logan Creek	150-B	Lodoga 15'	and Grapevine	L Cret J-1 zone	Gilbert		
20384	Glenn	Rail Canyon	245	5	W of Logan Creek	150-B	Lodoga 15'	areas south of	L Cret J-1 zone	Gilbert		
20385	Glenn	Rail Canyon	245	6	W of Logan Creek	150-B	Lodoga 15'	Logan Creek	L Cret J-1 zone	Gilbert		
20386	Glenn	Rail Canyon	245	7	W of Logan Creek	150-B	Lodoga 15'	See list below.	L Cret J-1 zone	Gilbert		
20387	Glenn	Rail Canyon	245	8	W of Logan Creek	150-B	Lodoga 15'	Have strat	L Cret J-1 zone	Gilbert		
20388	Glenn	Rail Canyon	245	9	W of Logan Creek	150-B	Lodoga 15'	column	L Cret J-1 zone	Gilbert		
20389	Glenn	Rail Canyon	245	10	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
20390	Glenn	Rail Canyon	245	11	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
20391	Glenn	Rail Canyon	245	12	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
20392	Glenn	Rail Canyon	245	13	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
20393	Glenn	Rail Canyon	245	15	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
20394	Glenn	Rail Canyon	245	16	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
20395	Glenn	Rail Canyon	245	17	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
20396	Glenn	Rail Canyon	245	18	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
20397	Glenn	Rail Canyon	245	19	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
20398	Glenn	Rail Canyon	245	23	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
20399	Glenn	Rail Canyon	245	24	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
20400	Glenn	Rail Canyon	245	25	W of Logan Creek	150-B	Lodoga 15'		L Cret J-1 zone	Gilbert		
20401	Glenn	Rail Canyon	245	26	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	ONE/SERIES/AG	COLLECTORS		
20827	Glenn	Rail Canyon	766	142	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20828	Glenn	Rail Canyon	766	143	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20829	Glenn	Rail Canyon	766	144	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20830	Glenn	Rail Canyon	766	145	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20831	Glenn	Rail Canyon	766	146	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20832	Glenn	Rail Canyon	766	147	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20833	Glenn	Rail Canyon	766	148	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20834	Glenn	Rail Canyon	766	149	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20835	Glenn	Rail Canyon	766	150	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20836	Glenn	Rail Canyon	766	151	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20837	Glenn	Rail Canyon	766	152	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20838	Glenn	Rail Canyon	766	153	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20839	Glenn	Rail Canyon	766	154	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20840	Glenn	Rail Canyon	766	155	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20841	Glenn	Rail Canyon	766	158	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20842	Glenn	Rail Canyon	766	159	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20843	Glenn	Rail Canyon	766	160	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20844	Glenn	Rail Canyon	766	161	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20845	Glenn	Rail Canyon	766	162	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20846	Glenn	Rail Canyon	766	163	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20847	Glenn	Rail Canyon	766	164	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20848	Glenn	Rail Canyon	766	165	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20849	Glenn	Rail Canyon	766	165	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20850	Glenn	Rail Canyon	766	167	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20851	Glenn	Rail Canyon	766	168	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20852	Glenn	Rail Canyon	766	169	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20853	Glenn	Rail Canyon	766	170	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20854	Glenn	Rail Canyon	766	171	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20855	Glenn	Rail Canyon	766	172	West Logan Creek	153-M	Lodoga 15'		Poss L Cret J-2			
20856	Glenn	Rail Canyon	766	173	West Logan Creek	153-M	Lodoga 15'		L Cret K zone			
20857	Glenn	Rail Canyon	766	174	West Logan Creek	153-M	Lodoga 15'		L Cret K zone			
20858	Glenn	Rail Canyon	766	175	West Logan Creek	153-M	Lodoga 15'		L Cret K zone			
20859	Glenn	Rail Canyon	766	176	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20860	Glenn	Rail Canyon	766	177	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20861	Glenn	Rail Canyon	766	178	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20862	Glenn	Rail Canyon	766	179	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20863	Glenn	Rail Canyon	766	180	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20864	Glenn	Rail Canyon	766	182	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20865	Glenn	Rail Canyon	766	182	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20866	Glenn	Rail Canyon	766	183	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20867	Glenn	Rail Canyon	766	184	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20868	Glenn	Rail Canyon	766	185	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20869	Glenn	Rail Canyon	766	186	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20870	Glenn	Rail Canyon	766	187	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20871	Glenn	Rail Canyon	766	188	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20872	Glenn	Rail Canyon	766	189	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20873	Glenn	Rail Canyon	766	190	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20874	Glenn	Rail Canyon	766	191	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20875	Glenn	Rail Canyon	766	192	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20876	Glenn	Rail Canyon	766	193	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20877	Glenn	Rail Canyon	766	194	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20878	Glenn	Rail Canyon	766	195	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20879	Glenn	Rail Canyon	766	196	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20880	Glenn	Rail Canyon	766	197	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20881	Glenn	Rail Canyon	766	198	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20882	Glenn	Rail Canyon	766	199	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20883	Glenn	Rail Canyon	766	200	West Logan Creek	153-M	Lodoga 15'		L Cret K zone			
20884	Glenn	Rail Canyon	766	201	West Logan Creek	153-M	Lodoga 15'		L Cret K zone			
20885	Glenn	Rail Canyon	766	202	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20886	Glenn	Rail Canyon	766	203	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20887	Glenn	Rail Canyon	766	204	West Logan Creek	153-M	Lodoga 15'		L Cret L zone			
20888	Glenn	Rail Canyon	766	205	West Logan Creek	153-M	Lodoga 15'		L Cret K zone			
20889	Monterey	Ranchito Canyon	8943		NE part of quad	140-N	San Miguel 15'	rubber casts	Pliocene?	Salveson		
20890	Monterey	Ranchito Canyon	8944		NE part of quad	140-N		rubber casts	Pliocene?	Salveson		
20891	Ventura	Rancho Nuevo Creek	363	13	Bear Canyon	81-A	Not on map but		Eocene			
20892	Ventura	Rancho Nuevo Creek	363	14	Bear Canyon	81-A	Bear Canyon is in		Eocene			
20893	Ventura	Rancho Nuevo Creek	363	19	Bear Canyon	81-A	this quad, and lot		Eocene			
20894	Ventura	Rancho Nuevo Creek	363	20	Bear Canyon	81-A	364 is nearby.		Eocene			
20895	Ventura	Rancho Nuevo Creek	363	21	Bear Canyon	81-A	Have brief strat		Eocene			
20896	Ventura	Rancho Nuevo Creek	363	22	Bear Canyon	81-A	column.		Eocene			
20897	Ventura	Rancho Nuevo Creek	363	23	Bear Canyon	81-A			Eocene			
20898	Ventura	Rancho Nuevo Creek	363	25	Bear Canyon	81-A			Eocene			
20899	Ventura	Rancho Nuevo Creek	363	26	Bear Canyon	81-A			Eocene			
20900	Ventura	Rancho Nuevo Creek	363	28	Bear Canyon	81-A			Eocene			
20901	Ventura	Rancho Nuevo Creek	363	29	Bear Canyon	81-A			Eocene			
20902	Ventura	Rancho Nuevo Creek	363	30	Bear Canyon	81-A			Eocene			
20903	Ventura	Rancho Nuevo Creek	363	35	Bear Canyon	81-A			Eocene			
20904	Ventura	Rancho Nuevo Creek	363	37	Bear Canyon	81-A			Eocene			
20905	Ventura	Rancho Nuevo Creek	363	41	Bear Canyon	81-A			Eocene			
20906	Ventura	Rancho Nuevo Creek	363	43	Bear Canyon	81-A			Eocene			
20907	Ventura	Rancho Nuevo Creek	363	44	Bear Canyon	81-A			Eocene			
20908	Ventura	Rancho Nuevo Creek	363	45	Bear Canyon	81-A			Eocene			
20909	Ventura	Rancho Nuevo Creek	363	51	Bear Canyon	81-A			Eocene			
20910	Ventura	Rancho Nuevo Creek	363	52	Bear Canyon	81-A			Eocene			
20911	Ventura	Rancho Nuevo Creek	363	54	Bear Canyon	81-A			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		
21082	Ventura	Rancho Nuevo Creek	364	310	SE part of quad	76-K	Llagas Formation	Age from	Eocene			
21083	Ventura	Rancho Nuevo Creek	364	311	SE part of quad	76-K	Llagas Formation	Weaver	Eocene			
21084	Ventura	Rancho Nuevo Creek	364	312	SE part of quad	76-K	Llagas Formation		Eocene			
21085	Ventura	Rancho Nuevo Creek	364	313	SE part of quad	76-K	Llagas Formation		Eocene			
21086	Ventura	Rancho Nuevo Creek	364	314	SE part of quad	76-K	Llagas Formation		Eocene			
21087	Ventura	Rancho Nuevo Creek	364	315	SE part of quad	76-K	Llagas Formation		Eocene			
21088	Ventura	Rancho Nuevo Creek	364	316	SE part of quad	76-K	Llagas Formation		Eocene			
21089	Ventura	Rancho Nuevo Creek	364	317	SE part of quad	76-K	Llagas Formation		Eocene			
21090	Ventura	Rancho Nuevo Creek	364	318	SE part of quad	76-K	Llagas Formation		Eocene			
21091	Ventura	Rancho Nuevo Creek	364	319	SE part of quad	76-K	Llagas Formation		Eocene			
21092	Ventura	Rancho Nuevo Creek	364	320	SE part of quad	76-K	Llagas Formation		Eocene			
21093	Ventura	Rancho Nuevo Creek	364	321	SE part of quad	76-K	Llagas Formation		Eocene			
21094	Ventura	Rancho Nuevo Creek	364	322	SE part of quad	76-K	Llagas Formation		Eocene			
21095	Ventura	Rancho Nuevo Creek	364	323	SE part of quad	76-K	Llagas Formation		Eocene			
21096	Ventura	Rancho Nuevo Creek	364	324	SE part of quad	76-K	Llagas Formation		Eocene			
21097	Ventura	Rancho Nuevo Creek	364	525	SE part of quad	76-K	Llagas Formation		Eocene			
21098	Ventura	Rancho Nuevo Creek	364	326	SE part of quad	76-K	Llagas Formation		Eocene			
21099	Ventura	Rancho Nuevo Creek	364	327	SE part of quad	76-K	Llagas Formation		Eocene			
21100	Ventura	Rancho Nuevo Creek	364	328	SE part of quad	76-K	Llagas Formation		Eocene			
21101	Ventura	Rancho Nuevo Creek	366	1	Potrero Seco	69-M			no paleo data			
21102	Ventura	Rancho Nuevo Creek	366	2	Potrero Seco	69-M			no paleo data			
21103	Ventura	Rancho Nuevo Creek	366	3	Potrero Seco	69-M			no paleo data			
21104	Ventura	Rancho Nuevo Creek	366	4	Potrero Seco	69-M			no paleo data			
21105	Ventura	Rancho Nuevo Creek	366	6	Potrero Seco	69-M			no paleo data			
21106	Ventura	Rancho Nuevo Creek	366	7	Potrero Seco	69-M			no paleo data			
21107	Ventura	Rancho Nuevo Creek	366	8	Potrero Seco	69-M			no paleo data			
21108	Ventura	Rancho Nuevo Creek	366	9	Potrero Seco	69-M			no paleo data			
21109	Ventura	Rancho Nuevo Creek	366	10	Potrero Seco	69-M			no paleo data			
21110	Ventura	Rancho Nuevo Creek	366	11	Potrero Seco	69-M			no paleo data			
21111	Ventura	Rancho Nuevo Creek	366	12	Potrero Seco	69-M			no paleo data			
21112	Ventura	Rancho Nuevo Creek	366	13	Potrero Seco	69-M			no paleo data			
21113	Ventura	Rancho Nuevo Creek	366	14	Potrero Seco	69-M			no paleo data			
21114	Ventura	Rancho Nuevo Creek	366	15	Potrero Seco	69-M			no paleo data			
21115	Ventura	Rancho Nuevo Creek	366	16	Potrero Seco	69-M			no paleo data			
21116	Ventura	Rancho Nuevo Creek	366	17	Potrero Seco	69-M			no paleo data			
21117	Ventura	Rancho Nuevo Creek	366	18	Potrero Seco	69-M			no paleo data			
21118	Ventura	Rancho Nuevo Creek	379	2	Deal Canyon area	82-G	SE part of quad		no paleo info			
21119	Ventura	Rancho Nuevo Creek	379	3	Deal Canyon area	82-G	SE part of quad		no paleo info			
21120	Ventura	Rancho Nuevo Creek	379	6	Deal Canyon area	82-G	SE part of quad		no paleo info			
21121	Ventura	Rancho Nuevo Creek	379	9	Deal Canyon area	82-G	SE part of quad		no paleo info			
21122	Ventura	Rancho Nuevo Creek	381	1	SE part of quad	70-H	Pine Mtn Pass		no paleo info			
21123	Ventura	Rancho Nuevo Creek	381	2	SE part of quad	70-H	Pine Mtn Pass		no paleo info			
21124	Ventura	Rancho Nuevo Creek	381	3	SE part of quad	70-H	Pine Mtn Pass		no paleo info			
21125	Ventura	Rancho Nuevo Creek	381	5	SE part of quad	70-H	Pine Mtn Pass		no paleo info			
21126	Ventura	Rancho Nuevo Creek	381	8	SE part of quad	70-H	Pine Mtn Pass		no paleo info			
21127	Ventura	Rancho Nuevo Creek	381	10	SE part of quad	70-H	Pine Mtn Pass		no paleo info			
21128	Ventura	Rancho Nuevo Creek	381	12	SE part of quad	70-H	Pine Mtn Pass		no paleo info			
21129	Ventura	Rancho Nuevo Creek	381	13	SE part of quad	70-H	Pine Mtn Pass		no paleo info			
21130	Ventura	Rancho Nuevo Creek	381	14	SE part of quad	70-H	Pine Mtn Pass		no paleo info			
21131	Ventura	Rancho Nuevo Creek	381	15	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
21132	Ventura	Rancho Nuevo Creek	381	16	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
21133	Ventura	Rancho Nuevo Creek	381	20	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
21134	Ventura	Rancho Nuevo Creek	381	1RS	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
21135	Ventura	Rancho Nuevo Creek	381	2RS	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
21136	Ventura	Rancho Nuevo Creek	381	3RS	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
21137	Ventura	Rancho Nuevo Creek	381	4RS	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
21138	Ventura	Rancho Nuevo Creek	381	6RS	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
21139	Ventura	Rancho Nuevo Creek	381	7RS	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
21140	Ventura	Rancho Nuevo Creek	381	11RS	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
21141	Ventura	Rancho Nuevo Creek	381	12RS	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
21142	Ventura	Rancho Nuevo Creek	381	13RS	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
21143	Ventura	Rancho Nuevo Creek	381	14RS	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
21144	Ventura	Rancho Nuevo Creek	381	15RS	SE part of quad	70-I	Pine Mtn Pass		no paleo info			
21145	Santa Barbara	Rancho Nuevo Creek	1582		center of quad	4-M			no paleo info	Scouler &		
21146	Santa Barbara	Rancho Nuevo Creek	1583		center of quad	4-M			no paleo info	Scouler &		
21147	Santa Barbara	Rancho Nuevo Creek	1584		center of quad	4-M			no paleo info	Scouler &		
21148	Santa Barbara	Rancho Nuevo Creek	1586		center of quad	4-M			no paleo info	Scouler &		
21149	Santa Barbara	Rancho Nuevo Creek	1587		center of quad	4-M			no paleo info	Scouler &		
21150	Santa Barbara	Rancho Nuevo Creek	1588		center of quad	4-M			no paleo info	Scouler &		
21151	Ventura	Rancho Nuevo Creek	2132	7	Deal Canyon	89-N			no paleo info	Klemme		
21152	Ventura	Rancho Nuevo Creek	2132	8	Deal Canyon	89-N			no paleo info	Klemme		
21153	Santa Barbara	Rancho Nuevo Creek	2555		SW part of quad	22-B			no paleo info			
21154	Santa Barbara	Rancho Nuevo Creek	2556		SW part of quad	22-B			no paleo info			
21155	Santa Barbara	Rancho Nuevo Creek	2825		SW part of quad	37-K		on #4824	no paleo info			
21156	Ventura	Rancho Nuevo Creek	6272	A	SE part of quad	54-I			Eocene			
21157	Ventura	Rancho Nuevo Creek	6272	B	SE part of quad	54-I			Eocene			
21158	Ventura	Rancho Nuevo Creek	6272	C	SE part of quad	54-H			Eocene			
21159	Ventura	Rancho Nuevo Creek	6272	D	SE part of quad	54-H			Eocene			
21160	Ventura	Rancho Nuevo Creek	6272	E	SE part of quad	54-H			Eocene			
21161	Ventura	Rancho Nuevo Creek	9200	1	SE part of quad	87-G			Luisian			
21162	Ventura	Rancho Nuevo Creek	9200	2	SE part of quad	87-G			Luisian			
21163	Ventura	Rancho Nuevo Creek	9200	3	SE part of quad	87-G			Saucesian			
21164	Ventura	Rancho Nuevo Creek	30961	1	SE part of quad	118-I			L or M Miocene			
21165	Tehama	Red Bluff?	5230		Red Bluff area	100-G	no map provided		U Cret f/G zones	Helms		
21166	Tehama	Red Bluff?	5231		Red Bluff area	100-G	no map provided	algae?	Pliocene?	Helms		

Chevron data # 2

	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		
21167	Tehama	Red Bluff?	5232		Red Bluff area	100-G	no map provided	algae?	Pliocene?	Helms		
21168	Riverside	Red Canyon	62	1	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21169	Riverside	Red Canyon	62	2	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21170	Riverside	Red Canyon	62	3	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21171	Riverside	Red Canyon	62	4	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21172	Riverside	Red Canyon	62	5	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21173	Riverside	Red Canyon	62	6	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21174	Riverside	Red Canyon	62	7	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21175	Riverside	Red Canyon	62	8	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21176	Riverside	Red Canyon	62	9	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21177	Riverside	Red Canyon	62	10	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21178	Riverside	Red Canyon	62	11	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21179	Riverside	Red Canyon	62	12	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21180	Riverside	Red Canyon	62	13	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21181	Riverside	Red Canyon	62	14	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21182	Riverside	Red Canyon	62	17	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21183	Riverside	Red Canyon	62	18	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21184	Riverside	Red Canyon	62	20	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21185	Riverside	Red Canyon	62	21	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21186	Riverside	Red Canyon	62	22	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21187	Riverside	Red Canyon	62	23	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21188	Riverside	Red Canyon	62	24	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21189	Riverside	Red Canyon	62	25	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21190	Riverside	Red Canyon	62	26	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21191	Riverside	Red Canyon	62	27	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21192	Riverside	Red Canyon	62	28	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21193	Riverside	Red Canyon	62	29	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21194	Riverside	Red Canyon	62	30	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21195	Riverside	Red Canyon	62	31	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21196	Riverside	Red Canyon	62	33	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21197	Riverside	Red Canyon	62	34	NC part of quad	37-D	Copa de Oro Pass		Eocene			
21198	Riverside	Red Canyon	62	35	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21199	Riverside	Red Canyon	62	36	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21200	Riverside	Red Canyon	62	38	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21201	Riverside	Red Canyon	62	39	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21202	Riverside	Red Canyon	62	40	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21203	Riverside	Red Canyon	62	41	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21204	Riverside	Red Canyon	62	42	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21205	Riverside	Red Canyon	62	43	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21206	Riverside	Red Canyon	62	44	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21207	Riverside	Red Canyon	62	46	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21208	Riverside	Red Canyon	62	49	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21209	Riverside	Red Canyon	62	53	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21210	Riverside	Red Canyon	62	55	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21211	Riverside	Red Canyon	62	57	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21212	Riverside	Red Canyon	62	59	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21213	Riverside	Red Canyon	62	60	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21214	Riverside	Red Canyon	62	61	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21215	Riverside	Red Canyon	62	63	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21216	Riverside	Red Canyon	62	65	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21217	Riverside	Red Canyon	62	66	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21218	Riverside	Red Canyon	62	68	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21219	Riverside	Red Canyon	62	70	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21220	Riverside	Red Canyon	62	72	NC part of quad	42-N	Copa de Oro Pass		Eocene			
21221	Riverside	Red Canyon	62	74	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21222	Riverside	Red Canyon	62	79	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21223	Riverside	Red Canyon	62	85	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21224	Riverside	Red Canyon	62	87	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21225	Riverside	Red Canyon	62	94	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21226	Riverside	Red Canyon	62	97	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21227	Riverside	Red Canyon	62	101	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21228	Riverside	Red Canyon	62	105	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21229	Riverside	Red Canyon	62	106	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21230	Riverside	Red Canyon	62	108	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21231	Riverside	Red Canyon	62	110	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21232	Riverside	Red Canyon	62	111	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21233	Riverside	Red Canyon	62	113	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21234	Riverside	Red Canyon	62	114	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21235	Riverside	Red Canyon	62	115	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21236	Riverside	Red Canyon	62	116	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21237	Riverside	Red Canyon	62	123	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21238	Riverside	Red Canyon	62	125	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21239	Riverside	Red Canyon	62	120	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21240	Riverside	Red Canyon	62	121	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21241	Riverside	Red Canyon	62	122	NC part of quad	43-A	Copa de Oro Pass		Eocene			
21242	Humboldt	Redcrest	5000		Chadd Creek	10-L	Weott 15'	not on map	Miocene/Pliocene	Wright		
21243	Humboldt	Redcrest	5009		S of Pepperwood	10-L	Weott 15'	not on map	Upper Miocene	Wright		
21244	Humboldt	Redcrest	18994	1A	Pepperwood	244-C	Weott 15'		Lower Pliocene			
21245	Humboldt	Redcrest	18994	1B	Pepperwood	244-C	Weott 15'		Lower Pliocene			
21246	Humboldt	Redcrest	18994	2	Pepperwood	244-C	Weott 15'		Pliocene			
21247	Humboldt	Redcrest	18994	3A	Pepperwood	244-C	Weott 15'		Upper Miocene			
21248	Humboldt	Redcrest	18994	3B	Pepperwood	244-C	Weott 15'		Upper Miocene			
21249	Humboldt	Redcrest	22379	5	Van Duzen River	240-B	Weott 15'		Pliocene			
21250	Humboldt	Redcrest	22379	6	Van Duzen River	240-B	Weott 15'		not diagnostic			
21251	Humboldt	Redcrest	22380	4	Shively Creek	240-B	Weott 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/AG	COLLECTORS		
21252	Humboldt	Redcrest	22380	5	Shively Creek	240-B	Weott 15'		Miocene/Pliocene			
21253	Humboldt	Redcrest	22380	6	Shively Creek	240-B	Weott 15'		Pliocene			
21254	Humboldt	Redcrest	22602	1	not on map	240-D	Weott 15'	Pepperwood v	?Upper Miocene			
21255	Humboldt	Redcrest	22658	10	Pepperwood	242-G	Weott 15'		poss U Miocene			
21256	Humboldt	Redcrest	22661		Holmes area	242-G	Weott 15'		poss U Miocene			
21257	Humboldt	Redcrest	22662	1	Holmes area	242-G	Weott 15'		poss U Miocene			
21258	Humboldt	Redcrest	22664	1	Pepperwood	242-G	Weott 15'		poss U Miocene			
21259	Humboldt	Redcrest	22665	3	Van Duzen River	242-G	Weott 15'		Pliocene			
21260	Humboldt	Redcrest	22665	4	Van Duzen River	242-G	Weott 15'		poss Pliocene			
21261	Humboldt	Redcrest	22672	3	Larabee Ck	242-G	Weott 15'		Cret/Paleocene??			
21262	Humboldt	Redcrest	22677		Shively	242-G	Weott 15'		Miocene/Pliocene			
21263	Humboldt	Redcrest	22678		Shively	242-G	Weott 15'	planktics com	Upper Miocene			
21264	Humboldt	Redcrest	22681	1	Camp Bemis	242-G	Weott 15'		Lower Pliocene			
21265	Humboldt	Redcrest	22682	1	NE corner quad	242-G	Weott 15'		Lower Pliocene			
21266	Humboldt	Redcrest	22682	2	NE corner quad	242-G	Weott 15'		Pliocene			
21267	Humboldt	Redcrest	22682	3	NE corner quad	242-G	Weott 15'		Pliocene			
21268	Humboldt	Redcrest	22683		NE corner quad	242-H	Weott 15'		Pliocene			
21269	Humboldt	Redcrest	22684	1	NE corner quad	242-H	Weott 15'	planktics com	Pliocene			
21270	Humboldt	Redcrest	22684	2	NE corner quad	242-H	Weott 15'		Pliocene			
21271	Humboldt	Redcrest	22684	2	NE corner quad	242-H	Weott 15'	planktics com	Pliocene			
21272	Humboldt	Redcrest	22689		Root Creek	242-H	Weott 15'		no paleo info			
21273	Humboldt	Redcrest	22855	1A	SE part of quad	244-G	Weott 15'		not diagnostic			
21274	Humboldt	Redcrest	22856	1C	near Larabee	244-G	Weott 15'		not diagnostic			
21275	Humboldt	Redcrest	22858	1A	near Holmes	244-G	Weott 15'		not diagnostic			
21276	Humboldt	Redcrest	22858	1B	near Holmes	244-G	Weott 15'		not diagnostic			
21277	Humboldt	Redcrest	23922	1	E of Larabee	256-M	Weott 15'		no paleo info	Haynes		
21278	Humboldt	Redcrest	23922	3	E of Larabee	256-M	Weott 15'		no paleo info	Haynes		
21279	Humboldt	Redcrest	23922	4	E of Larabee	256-M	Weott 15'		no paleo info	Haynes		
21280	Humboldt	Redcrest	23924	2	Pepperwood	256-M	Weott 15'		no paleo info	Haynes		
21281	Humboldt	Redcrest	23924	3	Pepperwood	256-M	Weott 15'		no paleo info	Haynes		
21282	Humboldt	Redcrest	23924	6	Pepperwood	256-M	Weott 15'		no paleo info	Haynes		
21283	Humboldt	Redcrest	23924	7	Pepperwood	256-M	Weott 15'		no paleo info	Haynes		
21284	Kings	Reef Ridge	1113	2	Garza/Canoas Cks	G-13			M Eocene A-2 zone			
21285	Monterey	Reliz Canyon	91	1?	not on map	69-M		age on slide	L Luisian			
21286	Monterey	Reliz Canyon	91	1?	not on map	69-M		age on slide	L Saucesian			
21287	Monterey	Reliz Canyon	91	2	not on map	69-M		age on slide	Relizian			
21288	Monterey	Reliz Canyon	91	3	not on map	69-M		age on slide	Relizian			
21289	Monterey	Reliz Canyon	91	4	not on map	69-M		age on slide	L Saucesian			
21290	Monterey	Reliz Canyon	91	5	not on map	69-M		age on slide	L Saucesian			
21291	Monterey	Reliz Canyon	91	6	not on map	69-M		age on slide	L Saucesian			
21292	Monterey	Reliz Canyon	7182		W of Herbert Rnch	12-K	Junipero Serra 15'	abun planktics	Sauc/Relizian	Ortalda		
21293	Monterey	Reliz Canyon	8626		E of Leigh Ranch	81-I			Luisian	Stanford		
21294	Monterey	Reliz Canyon	8633		SW of Leigh Ranch	81-J			Eocene	Stanford		
21295	Monterey	Reliz Canyon	8649		Sweetwater Creek	81-J			Middle Miocene	Stanford		
21296	Monterey	Reliz Canyon	8650		Sweetwater Creek	81-J		planktics com	Middle Miocene	Stanford		
21297	Monterey	Reliz Canyon	8651		Sweetwater Creek	81-J		planktics abun	Relizian	Stanford		
21298	Monterey	Reliz Canyon	8652		Sweetwater Creek	81-J			not diagnostic	Stanford		
21299	Monterey	Reliz Canyon	8653		Sweetwater Creek	81-J			poss Luisian	Stanford		
21300	Monterey	Reliz Canyon	8654		Sweetwater Creek	81-J			Middle Miocene	Stanford		
21301	Monterey	Reliz Canyon	8655		Sweetwater Creek	81-J			Middle Miocene	Stanford		
21302	Monterey	Reliz Canyon	8667		Sweetwater Creek	81-J			Relizian	Stanford		
21303	Monterey	Reliz Canyon	8668		NW of The Rocks	81-J			Eocene	Stanford		
21304	Monterey	Reliz Canyon	13659		Vaqueros Creek	211-C	Lucia Shale	abun planktics	Eocene	Compton		
21305	Monterey	Reliz Canyon	13660		SE corner quad	211-C	Lucia Shale	abun planktics	Eocene	Compton		
21306	Monterey	Reliz Canyon	13661		Reliz Creek	211-C	Lucia Shale	abun planktics	Eocene	Compton		
21307	Monterey	Reliz Canyon	13662		N of Leigh Ranch	211-C	Rocks SS lens	abun planktics	Eocene	Compton		
21308	Monterey	Reliz Canyon	13663		Vaqueros Creek	211-C	Rocks SS lens	abun planktics	Eocene	Compton		
21309	Monterey	Reliz Canyon	13667		E of The Rocks	211-C	Monterey Shale		Middle Miocene	Compton		
21310	Monterey	Reliz Canyon	13668		Vaqueros Creek	211-C	Monterey Shale		Middle Miocene	Compton		
21311	Monterey	Reliz Canyon	22608	slide1	Reliz Canyon	243-G	type Relizian		no paleo info	Kleinpell		
21312	Monterey	Reliz Canyon	22608	slide2	Reliz Canyon	243-G	type Relizian		no paleo info	Kleinpell		
21313	Monterey	Reliz Canyon	22608	1	Reliz Canyon	79-J	type Relizian		no paleo info	Lipps-Loebl		
21314	Monterey	Reliz Canyon	22608	3	Reliz Canyon	79-J	type Relizian		no paleo info	Lipps-Loebl		
21315	Monterey	Reliz Canyon	22608	4	Reliz Canyon	79-J	type Relizian		no paleo info	Lipps-Loebl		
21316	Monterey	Reliz Canyon	22608	4	Reliz Canyon	79-J	type Relizian		no paleo info	Lipps-Loebl		
21317	Monterey	Reliz Canyon	22608	5	Reliz Canyon	79-J	type Relizian		no paleo info	Lipps-Loebl		
21318	Monterey	Reliz Canyon	22608	7	Reliz Canyon	79-J	type Relizian		no paleo info	Lipps-Loebl		
21319	Monterey	Reliz Canyon	22608	8	Reliz Canyon	79-J	type Relizian		no paleo info	Lipps-Loebl		
21320	Monterey	Reliz Canyon	22608	9	Reliz Canyon	79-J	type Relizian		no paleo info	Lipps-Loebl		
21321	Monterey	Reliz Canyon	22608	11	Reliz Canyon	79-J	type Relizian		no paleo info	Lipps-Loebl		
21322	Monterey	Reliz Canyon	22608	12	Reliz Canyon	79-J	type Relizian		no paleo info	Lipps-Loebl		
21323	Monterey	Reliz Canyon	23225	E	Reliz Creek	252-C	Junipero Serra 15'		not diagnostic	Gregory		
21324	Monterey	Reliz Canyon	23225	F	Reliz Creek	252-C	Junipero Serra 15'		not diagnostic	Gregory		
21325	Monterey	Reliz Canyon	23225	G	Reliz Creek	252-C	Junipero Serra 15'		Middle Miocene	Gregory		
21326	Monterey	Reliz Canyon	23225	H	Reliz Creek	252-C	Junipero Serra 15'		Lower Miocene			
21327	Monterey	Reliz Canyon	23225	K	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
21328	Monterey	Reliz Canyon	23225	L	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
21329	Monterey	Reliz Canyon	23225	M	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
21330	Monterey	Reliz Canyon	23225	N	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
21331	Monterey	Reliz Canyon	23225	O	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
21332	Monterey	Reliz Canyon	23225	P	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
21333	Monterey	Reliz Canyon	23225	Q	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
21334	Monterey	Reliz Canyon	23225	R	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
21335	Monterey	Reliz Canyon	23225	S	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
21336	Monterey	Reliz Canyon	23225	T	Reliz Creek	252-C	Junipero Serra 15'		age not given	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	ZONE/SERIES/AG	COLLECTORS		
21337	Monterey	Reliz Canyon	23225	U	Reliz Creek	252-C	Junipero Serra 15'		age not given	Gregory		
21338	Monterey	Reliz Canyon	23225	Y	Reliz Creek	252-C	Junipero Serra 15'		Paleocene/Eocene	Gregory		
21339	Monterey	Reliz Canyon	23225	Z	Reliz Creek	252-C	Junipero Serra 15'		U Cret D zone	Gregory		
21340	Monterey	Reliz Canyon	23248	A	Mission Creek	252-D	Junipero Serra 15'	abun planktics	Relizian	Gregory		
21341	Monterey	Reliz Canyon	23248	B	Mission Creek	252-D	Junipero Serra 15'	abun planktics	Luisian	Gregory		
21342	Monterey	Reliz Canyon	23248	C	Mission Creek	252-D	Junipero Serra 15'	abun planktics	Middle Miocene	Gregory		
21343	Monterey	Reliz Canyon	23251	C	Vaqueros Creek	252-D	Junipero Serra 15'	planktics com	Luisian	Gregory		
21344	Monterey	Reliz Canyon	23251	D	Vaqueros Creek	252-D	Junipero Serra 15'	abun planktics	Relizian	Gregory		
21345	Monterey	Reliz Canyon	23251	E	Vaqueros Creek	252-D	Junipero Serra 15'	abun planktics	Middle Miocene	Gregory		
21346	Monterey	Reliz Canyon	23251	F	Vaqueros Creek	252-D	Junipero Serra 15'	abun planktics	Middle Miocene	Gregory		
21347	Monterey	Reliz Canyon	23251	G	Vaqueros Creek	252-D	Junipero Serra 15'	abun planktics	Relizian	Gregory		
21348	Monterey	Reliz Canyon	23251	H	Vaqueros Creek	252-D	Junipero Serra 15'	planktics com	Mohanian	Gregory		
21349	Monterey	Reliz Canyon	23251	I	Reliz Creek	252-D	Junipero Serra 15'	planktics com	Middle Miocene	Gregory		
21350	Monterey	Reliz Canyon	23252		Sweetwater Ck	252-D	Junipero Serra 15'	abun planktics	Middle Miocene	Gregory		
21351	Monterey	Reliz Canyon	23252	A	Sweetwater Ck	252-D	Junipero Serra 15'	abun planktics	Middle Miocene	Gregory		
21352	Monterey	Reliz Canyon	23252	C	Sweetwater Ck	252-D	Junipero Serra 15'	abun planktics	Relizian	Gregory		
21353	Monterey	Reliz Canyon	23252	D	Sweetwater Ck	252-D	Junipero Serra 15'		Middle Miocene	Gregory		
21354	Monterey	Reliz Canyon	23364	A	Reliz Canyon	252-G	Junipero Serra 15'		Upper Miocene	Gregory		
21355	Monterey	Reliz Canyon	23364	B	Reliz Canyon	252-G	Junipero Serra 15'		Upper Miocene	Gregory		
21356	Monterey	Reliz Canyon	23365	A	Reliz Canyon	252-G	Junipero Serra 15'		Middle Miocene	Gregory		
21357	Monterey	Reliz Canyon	23365	A-RW	Reliz Canyon	252-G	Junipero Serra 15'		Middle Miocene	Gregory		
21358	Monterey	Reliz Canyon	23365	B	Reliz Canyon	252-G	Junipero Serra 15'		Relizian	Gregory		
21359	Monterey	Reliz Canyon	23365	B-RW	Reliz Canyon	252-G	Junipero Serra 15'		Relizian	Gregory		
21360	Monterey	Reliz Canyon	23365	C	Reliz Canyon	252-G	Junipero Serra 15'		Luisian	Gregory		
21361	Monterey	Reliz Canyon	23365	D	Reliz Canyon	252-G	Junipero Serra 15'		Mohanian	Gregory		
21362	Monterey	Reliz Canyon?	23250	A	not found	252-D	new species defin	abun planktics	Luisian	Gregory		
21363	Monterey	Reliz Canyon?	23250	B	not found	252-D			Luisian	Gregory		
21364	Kern	Reward	302	109	not found	46-l	Sheep Ck area		no paleo info			
21365	Kern	Reward	302	110	not found	46-l	Sheep Ck area		no paleo info			
21366	Kern	Reward	302	111	not found	46-l	Sheep Ck area		no paleo info			
21367	Kern	Reward	302	112	not found	46-l	Sheep Ck area		no paleo info			
21368	Kern	Reward	302	116	not found	46-l	Sheep Ck area		no paleo info			
21369	Kern	Reward	302	117	not found	46-l	Sheep Ck area		no paleo info			
21370	Kern	Reward	302	118	not found	46-l	Sheep Ck area		no paleo info			
21371	Kern	Reward	302	119	not found	46-l	Sheep Ck area		no paleo info			
21372	Kern	Reward	302	125	not found	46-l	Sheep Ck area		no paleo info			
21373	Kern	Reward	302	126	not found	46-l	Sheep Ck area		no paleo info			
21374	Kern	Reward	302	127	not found	46-l	Sheep Ck area		no paleo info			
21375	Kern	Reward	302	137	not found	46-l	Sheep Ck area		no paleo info			
21376	Kern	Reward	302	148	not found	46-l	Sheep Ck area		no paleo info			
21377	Kern	Reward	302	149	not found	46-l	Sheep Ck area		no paleo info			
21378	Kern	Reward	302	150	EC part of quad	46-l			no paleo info			
21379	Kern	Reward	302	151	not found	46-l			no paleo info			
21380	Kern	Reward	302	170	not found	46-l			no paleo info			
21381	Kern	Reward	302	171	not found	46-l			no paleo info			
21382	Kern	Reward	302	172	not found	46-l			no paleo info			
21383	Kern	Reward	302	173	not found	45-J			no paleo info			
21384	Kern	Reward	302	201	not found	46-l			no paleo info	Hastings		
21385	Kern	Reward	302	202	not found	46-l			no paleo info	Hastings		
21386	Kern	Reward	302	203	not found	46-l			no paleo info	Hastings		
21387	Kern	Reward	302	222	not found	46-l			no paleo info	Hastings		
21388	Kern	Reward	302	223	not found	46-l			no paleo info	Hastings		
21389	Kern	Reward	302	232	not found	46-l			no paleo info	Hastings		
21390	Kern	Reward	302	237A	not found	46-l			no paleo info	Hastings		
21391	Kern	Reward	302	237B	not found	46-l			no paleo info	Hastings		
21392	Kern	Reward	302	238A	not found	46-l			no paleo info	Hastings		
21393	Kern	Reward	302	238B	not found	46-l			no paleo info	Hastings		
21394	Kern	Reward	302	251	not found	46-l			no paleo info	Hastings		
21395	Kern	Reward	302	253	not found	46-l			no paleo info	Hastings		
21396	Kern	Reward	302	276	center of quad	46-l			no paleo info	Hastings		
21397	Kern	Reward	302	277	center of quad	46-l			no paleo info	Hastings		
21398	Kern	Reward	302	278	center of quad	46-l			no paleo info	Hastings		
21399	Kern	Reward	302	279	center of quad	46-l			no paleo info	Hastings		
21400	Kern	Reward	302	282	center of quad	46-l			no paleo info	Hastings		
21401	Kern	Reward	302	286	center of quad	46-l			no paleo info	Hastings		
21402	Kern	Reward	302	291	center of quad	46-l			no paleo info	Hastings		
21403	Kern	Reward	302	300	SW part of quad	46-J			no paleo info	Hastings		
21404	Kern	Reward	302	312	center of quad	46-J			no paleo info	Kriz		
21405	Kern	Reward	302	313	center of quad	46-J			no paleo info	Kriz		
21406	Kern	Reward	302	317	center of quad	46-J			no paleo info	Kriz		
21407	Kern	Reward	302	319	center of quad	46-J			no paleo info	Kriz		
21408	Kern	Reward	302	321	Frazer Valley	46-J			no paleo info	Kriz		
21409	Kern	Reward	302	322	Frazer Valley	46-J			no paleo info	Kriz		
21410	Kern	Reward	302	323	Frazer Valley	46-J			no paleo info	Kriz		
21411	San Luis Obispo	Reward	9532		SE corner quad	155-K			no paleo info	Hunter & O		
21412	San Luis Obispo	Reward	9533		SE corner quad	155-K			no paleo info	Hunter & O		
21413	San Luis Obispo	Reward	9534		SE corner quad	155-K			no paleo info	Hunter & O		
21414	San Luis Obispo	Reward	9535		SE corner quad	155-K	abundant glauconite		no paleo info	Hunter & O		
21415	San Luis Obispo	Reward	9537		SE corner quad	155-K			no paleo info	Hunter & O		
21416	Kern	Reward	34982	1	McKittrick	130-F			no paleo info			
21417	Ventura	Reyes Peak	341	42	center of quad	55-A			Narizian			
21418	Ventura	Reyes Peak	341	48	center of quad	55-A			Narizian			
21419	Ventura	Reyes Peak	360	6	Wagon Rd Canyon	78-L	Have strat column		Eocene			
21420	Ventura	Reyes Peak	360	7	Wagon Rd Canyon	78-L	see lot 355		Eocene			
21421	Ventura	Reyes Peak	360	9	Wagon Rd Canyon	78-L			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		
21507	Ventura	Reyes Peak	360	218	Wagon Rd Canyon	78-M			Eocene			
21508	Ventura	Reyes Peak	360	219	Wagon Rd Canyon	78-M			Eocene			
21509	Ventura	Reyes Peak	360	220	Wagon Rd Canyon	78-M			Eocene			
21510	Ventura	Reyes Peak	360	221	Wagon Rd Canyon	78-M			Eocene			
21511	Ventura	Reyes Peak	360	223	Wagon Rd Canyon	78-M			Eocene			
21512	Ventura	Reyes Peak	362	1	Potrero John Ck	86-C	Have strat column		M Eocene A-2 zone			
21513	Ventura	Reyes Peak	362	2	Potrero John Ck	86-C	and foram check		M Eocene A-2 zone			
21514	Ventura	Reyes Peak	362	3	Potrero John Ck	86-C	list. Quad strat		M Eocene A-2 zone			
21515	Ventura	Reyes Peak	362	4	Potrero John Ck	86-C	may be reversed.		M Eocene A-2 zone			
21516	Ventura	Reyes Peak	362	5	Potrero John Ck	86-C			M Eocene A-2 zone			
21517	Ventura	Reyes Peak	362	6	Potrero John Ck	86-C			M Eocene A-2 zone			
21518	Ventura	Reyes Peak	362	7	Potrero John Ck	86-C			M Eocene A-2 zone			
21519	Ventura	Reyes Peak	362	9	Potrero John Ck	86-C			M Eocene A-2 zone			
21520	Ventura	Reyes Peak	362	11	Potrero John Ck	86-C			M Eocene A-2 zone			
21521	Ventura	Reyes Peak	362	12	Potrero John Ck	86-C			M Eocene A-2 zone			
21522	Ventura	Reyes Peak	362	13	Potrero John Ck	86-C			M Eocene A-2 zone			
21523	Ventura	Reyes Peak	362	14	Potrero John Ck	86-C			M Eocene A-2 zone			
21524	Ventura	Reyes Peak	362	15	Potrero John Ck	86-C			M Eocene A-2 zone			
21525	Ventura	Reyes Peak	362	16	Potrero John Ck	86-C			M Eocene A-2 zone			
21526	Ventura	Reyes Peak	362	17	Potrero John Ck	86-C			M Eocene A-2 zone			
21527	Ventura	Reyes Peak	362	18	Potrero John Ck	86-C			M Eocene A-2 zone			
21528	Ventura	Reyes Peak	362	19	Potrero John Ck	86-C			M Eocene A-2 zone			
21529	Ventura	Reyes Peak	362	20	Potrero John Ck	86-C			M Eocene A-2 zone			
21530	Ventura	Reyes Peak	362	21	Potrero John Ck	86-C			M Eocene A-2 zone			
21531	Ventura	Reyes Peak	362	22	Potrero John Ck	86-C			M Eocene A-2 zone			
21532	Ventura	Reyes Peak	362	23	Potrero John Ck	86-C			M Eocene A-2 zone			
21533	Ventura	Reyes Peak	362	24	Potrero John Ck	86-C			M Eocene A-2 zone			
21534	Ventura	Reyes Peak	362	25	Potrero John Ck	86-C			M Eocene A-2 zone			
21535	Ventura	Reyes Peak	362	26	Potrero John Ck	86-C			M Eocene A-2 zone			
21536	Ventura	Reyes Peak	362	27	Potrero John Ck	86-C			M Eocene A-2 zone			
21537	Ventura	Reyes Peak	362	28	Potrero John Ck	86-C			M Eocene A-2 zone			
21538	Ventura	Reyes Peak	362	29	Potrero John Ck	86-C			M Eocene A-2 zone			
21539	Ventura	Reyes Peak	362	30	Potrero John Ck	86-C			M Eocene A-2 zone			
21540	Ventura	Reyes Peak	373	1		44-H	See strat column	not on map	Eocene	Zeni and		
21541	Ventura	Reyes Peak	373	2		44-H	for loc 355. Says	not on map	Eocene	Klemme		
21542	Ventura	Reyes Peak	373	4		44-H	this locality on	not on map	Eocene			
21543	Ventura	Reyes Peak	373	5		44-H	north side Pine	not on map	Eocene			
21544	Ventura	Reyes Peak	373	6		44-H	Mtn.	not on map	Eocene			
21545	Ventura	Reyes Peak	373	8		44-H		not on map	Eocene			
21546	Ventura	Reyes Peak	373	9		44-H		not on map	Eocene			
21547	Ventura	Reyes Peak	373	10		44-H		not on map	Eocene			
21548	Ventura	Reyes Peak	373	11		44-H		not on map	Eocene			
21549	Ventura	Reyes Peak	373	12		44-H		not on map	Eocene			
21550	Ventura	Reyes Peak	373	13		44-H		not on map	Eocene			
21551	Ventura	Reyes Peak	373	14		44-H		not on map	Eocene			
21552	Ventura	Reyes Peak	373	15		44-H		not on map	Eocene			
21553	Ventura	Reyes Peak	373	16		44-H		not on map	Eocene			
21554	Ventura	Reyes Peak	373	17		44-H		not on map	Eocene			
21555	Ventura	Reyes Peak	373	18		44-H		not on map	Eocene			
21556	Ventura	Reyes Peak	373	18		44-H		not on map	Eocene			
21557	Ventura	Reyes Peak	373	20		44-H		not on map	Eocene			
21558	Ventura	Reyes Peak	373	21		44-H		not on map	Eocene			
21559	Ventura	Reyes Peak	373	22		44-H		not on map	Eocene			
21560	Ventura	Reyes Peak	373	23		44-H		not on map	Eocene			
21561	Ventura	Reyes Peak	373	24		44-H		not on map	Eocene			
21562	Ventura	Reyes Peak	373	25		44-H		not on map	Eocene			
21563	Ventura	Reyes Peak	373	26		44-H		not on map	Eocene			
21564	Ventura	Reyes Peak	373	27		44-H		not on map	Eocene			
21565	Ventura	Reyes Peak	373	28		44-H		not on map	Eocene			
21566	Ventura	Reyes Peak	373	29		44-H		not on map	Eocene			
21567	Ventura	Reyes Peak	373	30		44-H		not on map	Eocene			
21568	Ventura	Reyes Peak	373	31		44-H		not on map	Eocene			
21569	Ventura	Reyes Peak	373	32		44-H		not on map	Eocene			
21570	Ventura	Reyes Peak	373	33		44-H		not on map	Eocene			
21571	Ventura	Reyes Peak	373	34		44-H		not on map	Eocene			
21572	Ventura	Reyes Peak	373	35		44-H		not on map	Eocene			
21573	Ventura	Reyes Peak	373	36		44-H		not on map	Eocene			
21574	Ventura	Reyes Peak	373	37		44-H		not on map	Eocene			
21575	Ventura	Reyes Peak	373	38		44-H		not on map	Eocene			
21576	Ventura	Reyes Peak	373	39		44-H		not on map	Eocene			
21577	Ventura	Reyes Peak	373	40		44-H		not on map	Eocene			
21578	Ventura	Reyes Peak	373	41		44-H		not on map	Eocene			
21579	Ventura	Reyes Peak	373	42		44-H		not on map	Eocene			
21580	Ventura	Reyes Peak	373	43		44-H		not on map	Eocene			
21581	Ventura	Reyes Peak	373	44		44-H		not on map	Eocene			
21582	Ventura	Reyes Peak	373	45		44-H		not on map	Eocene			
21583	Ventura	Reyes Peak	373	46		44-H		not on map	Eocene			
21584	Ventura	Reyes Peak	373	48		44-H		not on map	Eocene			
21585	Ventura	Reyes Peak	373	49		44-H		not on map	Eocene			
21586	Ventura	Reyes Peak	373	50		44-H		not on map	Eocene			
21587	Ventura	Reyes Peak	373	51		44-H		not on map	Eocene			
21588	Ventura	Reyes Peak	373	52		44-H		not on map	Eocene			
21589	Ventura	Reyes Peak	373	53		44-H		not on map	Eocene			
21590	Ventura	Reyes Peak	374	1	Boulder Canyon	80-G			no paleo info			
21591	Ventura	Reyes Peak	374	2	Boulder Canyon	80-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		
21592	Ventura	Reyes Peak	374	3	Boulder Canyon	80-G			no paleo info			
21593	Ventura	Reyes Peak	374	4	Boulder Canyon	80-G			no paleo info			
21594	Ventura	Reyes Peak	374	5	Boulder Canyon	80-G			no paleo info			
21595	Ventura	Reyes Peak	374	6	Boulder Canyon	80-G			no paleo info			
21596	Ventura	Reyes Peak	374	7	Boulder Canyon	80-G			no paleo info			
21597	Ventura	Reyes Peak	374	9	Boulder Canyon	80-G			no paleo info			
21598	Ventura	Reyes Peak	374	10	Boulder Canyon	80-G			no paleo info			
21599	Ventura	Reyes Peak	374	12	Boulder Canyon	80-G			no paleo info			
21600	Ventura	Reyes Peak	374	13	Boulder Canyon	80-G			no paleo info			
21601	Ventura	Reyes Peak	374	14	Boulder Canyon	80-G			no paleo info			
21602	Ventura	Reyes Peak	374	16	Boulder Canyon	80-G			no paleo info			
21603	Ventura	Reyes Peak	374	17	Boulder Canyon	80-G			no paleo info			
21604	Ventura	Reyes Peak	374	18	Boulder Canyon	80-G			no paleo info			
21605	Ventura	Reyes Peak	374	19	Boulder Canyon	80-G			no paleo info			
21606	Ventura	Reyes Peak	374	20	Boulder Canyon	80-G			no paleo info			
21607	Ventura	Reyes Peak	374	21	Boulder Canyon	80-G			no paleo info			
21608	Ventura	Reyes Peak	374	23	Boulder Canyon	80-G			no paleo info			
21609	Ventura	Reyes Peak	374	24	Boulder Canyon	80-G			no paleo info			
21610	Ventura	Reyes Peak	374	26	Boulder Canyon	80-G			no paleo info			
21611	Ventura	Reyes Peak	374	27	Boulder Canyon	80-G			no paleo info			
21612	Ventura	Reyes Peak	374	28	Boulder Canyon	80-G			no paleo info			
21613	Ventura	Reyes Peak	374	30	Boulder Canyon	80-G			no paleo info			
21614	Ventura	Reyes Peak	374	32	Boulder Canyon	80-G			no paleo info			
21615	Ventura	Reyes Peak	377	X1	center of quad	82-C			no paleo info	Zeni and		
21616	Ventura	Reyes Peak	377	X2	center of quad	82-C			no paleo info	Klemme		
21617	Ventura	Reyes Peak	377	X3	center of quad	82-C			no paleo info			
21618	Ventura	Reyes Peak	377	X4	center of quad	82-C			no paleo info			
21619	Ventura	Reyes Peak	377	X5	center of quad	82-C			no paleo info			
21620	Ventura	Reyes Peak	377	5	center of quad	82-C			no paleo info			
21621	Ventura	Reyes Peak	377	6	center of quad	82-C			no paleo info			
21622	Ventura	Reyes Peak	377	8	center of quad	82-C			no paleo info			
21623	Ventura	Reyes Peak	377	9	center of quad	82-C			no paleo info			
21624	Ventura	Reyes Peak	377	10	center of quad	82-C			no paleo info			
21625	Ventura	Reyes Peak	377	11	center of quad	82-C			no paleo info			
21626	Ventura	Reyes Peak	377	16	center of quad	82-C			no paleo info			
21627	Ventura	Reyes Peak	377	17	center of quad	82-C			no paleo info			
21628	Ventura	Reyes Peak	377	18	center of quad	82-C			no paleo info			
21629	Ventura	Reyes Peak	377	19	center of quad	82-C			no paleo info			
21630	Ventura	Reyes Peak	377	20	center of quad	82-C			no paleo info			
21631	Ventura	Reyes Peak	377	21	center of quad	82-C			no paleo info			
21632	Ventura	Reyes Peak	377	22	center of quad	82-C			no paleo info			
21633	Ventura	Reyes Peak	377	23	center of quad	82-C			no paleo info			
21634	Ventura	Reyes Peak	377	24	center of quad	82-C			no paleo info			
21635	Ventura	Reyes Peak	377	25	center of quad	82-C			no paleo info			
21636	Ventura	Reyes Peak	377	26	center of quad	82-C			no paleo info			
21637	Ventura	Reyes Peak	377	27	center of quad	82-C			no paleo info			
21638	Ventura	Reyes Peak	383	15	SW part of quad	82-L	Slide says Pine Mtn		Mostly not diagnostic			
21639	Ventura	Reyes Peak	383	18	SW part of quad	82-L			Mostly not diagnostic			
21640	Ventura	Reyes Peak	383	25	SW part of quad	82-L			Mostly not diagnostic			
21641	Ventura	Reyes Peak	383	26	SW part of quad	82-L			Mostly not diagnostic			
21642	Ventura	Reyes Peak	383	27	SW part of quad	82-L			Mostly not diagnostic			
21643	Ventura	Reyes Peak	383	28	SW part of quad	82-L			Mostly not diagnostic			
21644	Ventura	Reyes Peak	432	225	ARCO pipeline	55-J			no age provided			
21645	Ventura	Reyes Peak	432	0	ARCO pipeline	55-J			no age provided			
21646	Ventura	Reyes Peak	432	50	ARCO pipeline	55-J			no age provided			
21647	Ventura	Reyes Peak	432	100	ARCO pipeline	55-J			no age provided			
21648	Ventura	Reyes Peak	432	150	ARCO pipeline	55-J			no age provided			
21649	Ventura	Reyes Peak	432	200	ARCO pipeline	55-J			no age provided			
21650	Ventura	Reyes Peak	432	425	ARCO pipeline	55-J			no age provided			
21651	Ventura	Reyes Peak	432	450	ARCO pipeline	55-J			no age provided			
21652	Ventura	Reyes Peak	432	475	ARCO pipeline	55-J			no age provided			
21653	Ventura	Reyes Peak	432	525	ARCO pipeline	55-J			no age provided			
21654	Ventura	Reyes Peak	432	750	ARCO pipeline	55-J			no age provided			
21655	Ventura	Reyes Peak	432	1150	ARCO pipeline	55-J			no age provided			
21656	Ventura	Reyes Peak	432	1200	ARCO pipeline	55-J			no age provided			
21657	Ventura	Reyes Peak	432	1350	ARCO pipeline	55-J			no age provided			
21658	Ventura	Reyes Peak	432	375	ARCO pipeline	55-K			no age provided			
21659	Ventura	Reyes Peak	432	400	ARCO pipeline	55-K			no age provided			
21660	Ventura	Reyes Peak	432	425	ARCO pipeline	55-K			no age provided			
21661	Ventura	Reyes Peak	432	700	ARCO pipeline	55-K			no age provided			
21662	Ventura	Reyes Peak	432	975	ARCO pipeline	55-K			no age provided			
21663	Ventura	Reyes Peak	432	1025	ARCO pipeline	55-K			no age provided			
21664	Ventura	Reyes Peak	432	1050	ARCO pipeline	55-K			no age provided			
21665	Ventura	Reyes Peak	438	1	Alamo Creek	56-I			Zemorrian?			
21666	Ventura	Reyes Peak	438	4	Alamo Creek	56-I			not diagnostic			
21667	Ventura	Reyes Peak	438	5	Alamo Creek	56-I			not diagnostic			
21668	Ventura	Reyes Peak	438	7	Alamo Creek	56-I			not diagnostic			
21669	Ventura	Reyes Peak	438	8	Alamo Creek	56-I			not diagnostic			
21670	Ventura	Reyes Peak	438	10	Alamo Creek	56-I			not diagnostic			
21671	Ventura	Reyes Peak	438	12	Alamo Creek	56-I			not diagnostic			
21672	Ventura	Reyes Peak	2139	13	Bear Trap Camp	89-N			no paleo info			
21673	Ventura	Reyes Peak	2139	14	Bear Trap Camp	89-N			no paleo info			
21674	Ventura	Reyes Peak	2139	15	Bear Trap Camp	89-N			no paleo info			
21675	Ventura	Reyes Peak	5377		Adobe Creek	49-F			no paleo info			
21676	Ventura	Reyes Peak	6271		Bear Canyon area	54-I			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		
21677	Ventura	Reyes Peak	6287		Bear Canyon area	54-H			Eocene			
21678	Ventura	Reyes Peak	6288		Bear Canyon area	54-H			Eocene			
21679	Ventura	Reyes Peak	6289		Bear Canyon area	54-H			Eocene			
21680	Ventura	Reyes Peak	6290		Adobe Creek	54-H			Eocene			
21681	Ventura	Reyes Peak	6291		Adobe Creek	54-H			Eocene			
21682	Ventura	Reyes Peak	6464	A	WC part of quad	35-L			Eocene			
21683	Ventura	Reyes Peak	6464	B	WC part of quad	35-L			Eocene			
21684	Contra Costa	Richmond	223	P-2 etc	NE part of quad	F-4	Pinole anticline		Upper? Miocene	Harris & T		
21685	Contra Costa	Richmond	223	4	NE part of quad	F-4	Pinole anticline		Luisian	Harris & T		
21686	Contra Costa	Richmond	223	5	NE part of quad	F-4	Pinole anticline		barren	Harris & T		
21687	Contra Costa	Richmond	223	10	NE part of quad	F-4	Pinole anticline		barren	Harris & T		
21688	Contra Costa	Richmond	223	12	NE part of quad	F-4	Pinole anticline		Luisian	Harris & T		
21689	Contra Costa	Richmond	223	13	NE part of quad	F-4	Pinole anticline		Middle Miocene	Harris & T		
21690	Contra Costa	Richmond	223	14	NE part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
21691	Contra Costa	Richmond	223	15	NE part of quad	F-4	Pinole anticline		Luisian	Harris & T		
21692	Contra Costa	Richmond	223	16	NE part of quad	F-4	Pinole anticline		barren	Harris & T		
21693	Contra Costa	Richmond	223	17	NE part of quad	F-4	Pinole anticline		barren	Harris & T		
21694	Contra Costa	Richmond	223	18	NE part of quad	F-4	Pinole anticline		Prob Paleocene	Harris & T		
21695	Contra Costa	Richmond	223	19	NE part of quad	F-4	Pinole anticline		barren	Harris & T		
21696	Contra Costa	Richmond	223	20	NE part of quad	F-4	Pinole anticline		Luisian	Harris & T		
21697	Contra Costa	Richmond	223	21	NE part of quad	F-4	Pinole anticline		barren	Harris & T		
21698	Contra Costa	Richmond	223	22	NE part of quad	F-4	Pinole anticline		Luisian	Harris & T		
21699	Contra Costa	Richmond	223	23	NE part of quad	F-4	Pinole anticline		Luisian	Harris & T		
21700	Contra Costa	Richmond	223	24	NE part of quad	F-4	Pinole anticline		Luisian	Harris & T		
21701	Contra Costa	Richmond	223	25	NE part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
21702	Contra Costa	Richmond	223	26	NE part of quad	F-4	Pinole anticline		barren	Harris & T		
21703	Contra Costa	Richmond	223	27	NE part of quad	F-4	Pinole anticline		barren	Harris & T		
21704	Contra Costa	Richmond	223	28	NE part of quad	F-4	Pinole anticline		barren	Harris & T		
21705	Contra Costa	Richmond	223	30	NE part of quad	F-4	Pinole anticline		Eocene	Harris & T		
21706	Contra Costa	Richmond	223	31	NE part of quad	F-4	Pinole anticline		Eocene	Harris & T		
21707	Contra Costa	Richmond	223	33	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
21708	Contra Costa	Richmond	223	34	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
21709	Contra Costa	Richmond	223	35	NW part of quad	F-4	Pinole anticline		Paleocene or Eoc	Harris & T		
21710	Contra Costa	Richmond	223	36	NW part of quad	F-4	Pinole anticline		Paleocene?	Harris & T		
21711	Contra Costa	Richmond	223	37	NW part of quad	F-4	Pinole anticline		Paleocene or Eoc	Harris & T		
21712	Contra Costa	Richmond	223	38	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
21713	Contra Costa	Richmond	223	40	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
21714	Contra Costa	Richmond	223	42	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
21715	Contra Costa	Richmond	223	43	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
21716	Contra Costa	Richmond	223	44	NW part of quad	F-4	Pinole anticline		Miocene	Harris & T		
21717	Contra Costa	Richmond	223	45	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
21718	Contra Costa	Richmond	223	46	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
21719	Contra Costa	Richmond	223	47	NW part of quad	F-4	Pinole anticline		Paleocene?	Harris & T		
21720	Contra Costa	Richmond	223	52	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
21721	Contra Costa	Richmond	223	53	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
21722	Contra Costa	Richmond	223	54	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
21723	Contra Costa	Richmond	223	61	NW part of quad	F-4	Pinole anticline		Paleocene	Harris & T		
21724	Contra Costa	Richmond	223	66	NW part of quad	F-4	Pinole anticline		Miocene	Harris & T		
21725	Contra Costa	Richmond	223	68	NW part of quad	F-4	Pinole anticline		Eocene	Harris & T		
21726	Contra Costa	Richmond	223	69	NW part of quad	F-4	Pinole anticline		Eocene	Harris & T		
21727	Contra Costa	Richmond	223	70	NW part of quad	F-4	Pinole anticline		Eocene	Harris & T		
21728	Contra Costa	Richmond	223	72	NW part of quad	F-4	Pinole anticline		Eocene	Harris & T		
21729	Contra Costa	Richmond	223	88	NE part of quad	F-5	Pinole anticline		Eocene	Harris & T		
21730	Contra Costa	Richmond	223	89	NE part of quad	F-5	Pinole anticline		Eocene	Harris & T		
21731	Contra Costa	Richmond	223	90	NE part of quad	F-5	Pinole anticline		Eocene	Harris & T		
21732	Contra Costa	Richmond	223	91	NW part of quad	F-5	Pinole anticline		Eocene	Harris & T		
21733	Contra Costa	Richmond	223	92	NW part of quad	F-5	Pinole anticline		Miocene	Harris & T		
21734	Contra Costa	Richmond	223	95	NE part of quad	F-5	Pinole anticline		Eocene	Harris & T		
21735	Contra Costa	Richmond	223	99	NE part of quad	F-5	Pinole anticline		Eocene	Harris & T		
21736	Contra Costa	Richmond	223	116	NE part of quad	F-5	Pinole anticline		Eocene?	Harris & T		
21737	Contra Costa	Richmond	223	117	NE part of quad	F-5	Pinole anticline		Eocene?	Harris & T		
21738	Contra Costa	Richmond	223	150	NE part of quad	F-6	Pinole anticline		Upper? Miocene	Harris & T		
21739	Contra Costa	Richmond	223	151	NE part of quad	F-6	Pinole anticline		Eocene	Harris & T		
21740	Contra Costa	Richmond	223	152	NE part of quad	F-6	Pinole anticline		Eocene	Harris & T		
21741	Contra Costa	Richmond	223	153	NE part of quad	F-6	Pinole anticline		Eocene	Harris & T		
21742	Contra Costa	Richmond	223	154	NE part of quad	F-6	Pinole anticline		possibly Eocene	Harris & T		
21743	Contra Costa	Richmond	223	155	NE part of quad	F-6	Pinole anticline		Eocene	Harris & T		
21744	Contra Costa	Richmond	223	161	NE part of quad	F-6	Pinole anticline		Eocene	Harris & T		
21745	Contra Costa	Richmond	223	162	NE part of quad	F-6	Pinole anticline		not diagnostic	Harris & T		
21746	Contra Costa	Richmond	223	208	NW part of quad	F-6	Oursan anticline		Eocene	Harris & T		
21747	Contra Costa	Richmond	223	208RW	NW part of quad	F-2	Oursan anticline		Eocene	Harris & T		
21748	Contra Costa	Richmond	223	221	NW part of quad	F-2	Oursan anticline		Eocene?	Harris & T		
21749	Contra Costa	Richmond	223	275	NE part of quad	F-6			Paleocene?	Harris & T		
21750	Contra Costa	Richmond	11351	A	Berkeley Hills	202-B	W of S Pablo Res	Tice?	Upper Miocene	Lyons		
21751	Contra Costa	Richmond	22934		NE corner of quad	202-B			Middle Miocene	Lyon		
21752	Contra Costa	Richmond	22955		San Pablo Res.	202-B			Upper Miocene	Lyon		
21753	Contra Costa	Richmond	22995	A	not on map	191-K			all ostracods	Neudeck		
21754	Contra Costa	Richmond	22995	B	not on map	191-K			all ostracods	Neudeck		
21755	Contra Costa	Richmond	22997		San Pablo Dam Rd	191-K			no paleo info	Neudeck		
21756	Contra Costa	Richmond	23000		N of Vine Hill	247-J	Colburn 40	area E-2	U Cret D-2 zone	Colburn		
21757	Contra Costa	Richmond	23091		El Sobrante	191-K		rads abun	no paleo info			
21758	Contra Costa	Richmond	23121		NE part quad	26-L			Middle Miocene	Lyon & N		
21759	Contra Costa	Richmond	23199		San Pablo Dam	202-B			no paleo info	Godsey		
21760	Contra Costa	Richmond	23415		San Pablo Dam	194-E		all ostracods	no paleo info	Reber		
21761	Contra Costa	Richmond	23436		NE part of quad	177-J	sa Richmond		no paleo info	Wracher		

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		
21847	Contra Costa	Richmond	23687		NE part of quad	177-M	Carquinez 15'			no paleo info		
21848	Kern	Rio Bravo Ranch	11371		SE part of quad	164-N				barren	Kraetsch	
21849	Kern	Rio Bravo Ranch	11372		SE part of quad	164-N				Miocene	Kraetsch	
21850	Kern	Rio Bravo Ranch	11374		SE part of quad	164-N				Saucesian	Kraetsch	
21851	Kern	Rio Bravo Ranch	11375		SE part of quad	164-N				Luisian	Kraetsch	
21852	Colusa	Rumsey	174	1	Salt Creek	150-J	Guinda 15'	strat column		U Cret G-1 zone	Solari	
21853	Colusa	Rumsey	174	2	Salt Creek	150-J	type Forbes	strat column		U Cret G-1 zone	Solari	
21854	Colusa	Rumsey	174	3	Salt Creek	150-J	type Forbes	strat column		U Cret G-1 zone	Solari	
21855	Colusa	Rumsey	174	4	Salt Creek	150-J	type Forbes	strat column		U Cret G-1 zone	Solari	
21856	Colusa	Rumsey	174	5	Salt Creek	150-J	type Forbes	strat column		U Cret G-1 zone	Solari	
21857	Colusa	Rumsey	174	6	Salt Creek	150-J	type Forbes	strat column		U Cret G-1 zone	Solari	
21858	Colusa	Rumsey	174	7	Salt Creek	150-J	type Forbes	strat column		U Cret G-1 zone	Solari	
21859	Colusa	Rumsey	174	8RW	Salt Creek	150-J	type Forbes	strat column		U Cret G-1 zone	Solari	
21860	Colusa	Rumsey	174	9	Salt Creek	150-J	type Forbes	strat column		U Cret G-1 zone	Solari	
21861	Colusa	Rumsey	174	10	Salt Creek	150-J	type Forbes	strat column		U Cret G-1 zone	Solari	
21862	Colusa	Rumsey	174	11	Salt Creek	150-J	type Forbes	strat column		U Cret G-1 zone	Solari	
21863	Colusa	Rumsey	174	13	Salt Creek	150-J	type Forbes	strat column		U Cret G-1 zone	Solari	
21864	Colusa	Rumsey	174	14	Salt Creek	150-J	type Forbes	strat column		U Cret G-1 zone	Solari	
21865	Colusa	Rumsey	174	15	Salt Creek	150-J	type Forbes	strat column		U Cret F-2 zone	Solari	
21866	Colusa	Rumsey	174	16	Salt Creek	150-J	type Forbes	strat column		U Cret F-2 zone	Solari	
21867	Colusa	Rumsey	174	17	Salt Creek	150-J	type Forbes	strat column		U Cret F-2 zone	Solari	
21868	Colusa	Rumsey	174	18	Salt Creek	150-J	type Forbes	strat column		U Cret F-2 zone	Solari	
21869	Colusa	Rumsey	174	19	Salt Creek	150-J	type Forbes	strat column		U Cret F-2 zone	Solari	
21870	Colusa	Rumsey	174	20	Salt Creek	150-J	type Forbes	strat column		U Cret F-2 zone	Solari	
21871	Colusa	Rumsey	174	21	Salt Creek	150-J	type Forbes	strat column		U Cret F-2 zone	Solari	
21872	Colusa	Rumsey	174	22	Salt Creek	150-J	type Forbes	strat column		U Cret F-2 zone	Solari	
21873	Colusa	Rumsey	174	23	Salt Creek	150-J	type Forbes	strat column		U Cret F-2 zone	Solari	
21874	Colusa	Rumsey	174	24	Salt Creek	150-J	type Forbes	strat column		U Cret F-2 zone	Solari	
21875	Colusa	Rumsey	174	25	Salt Creek	150-J	type Forbes	strat column		U Cret F-1 zone	Solari	
21876	Colusa	Rumsey	174	26	Salt Creek	150-J	type Forbes	strat column		U Cret F-1 zone	Solari	
21877	Colusa	Rumsey	174	27	Salt Creek	150-J	type Forbes	strat column		U Cret F-1 zone	Solari	
21878	Colusa	Rumsey	174	28	Salt Creek	150-J	type Forbes	strat column		U Cret F-1 zone	Solari	
21879	Colusa	Rumsey	174	29	Salt Creek	150-J	type Forbes	strat column		U Cret F-1 zone	Solari	
21880	Colusa	Rumsey	174	30	Salt Creek	150-J	type Forbes	strat column		U Cret F-1 zone	Solari	
21881	Colusa	Rumsey	174	31	Salt Creek	150-J	type Forbes	strat column		U Cret F-1 zone	Solari	
21882	Colusa	Rumsey	174	32	Salt Creek	150-J	type Forbes	strat column		U Cret F-1 zone	Solari	
21883	Colusa	Rumsey	174	33	Salt Creek	150-J	type Forbes	strat column		U Cret F-1 zone	Solari	
21884	Colusa	Rumsey	174	34	Salt Creek	150-J	type Forbes	strat column		U Cret F-1 zone	Solari	
21885	Yolo	Rumsey	175	1	Guinda 15'	150-I	Petroleum Ck	strat column		U Cret G-1 zone	Solari	
21886	Yolo	Rumsey	175	3	Guinda 15'	150-I	Petroleum Ck	strat column		U Cret G-1 zone	Solari	
21887	Yolo	Rumsey	175	5	Guinda 15'	150-I	Petroleum Ck	strat column		U Cret G-1 zone	Solari	
21888	Yolo	Rumsey	175	6	Guinda 15'	150-I	Petroleum Ck	strat column		U Cret G-1 zone	Solari	
21889	Yolo	Rumsey	175	7	Guinda 15'	150-I	Petroleum Ck	strat column		U Cret F-2 zone	Solari	
21890	Yolo	Rumsey	175	8	Guinda 15'	150-I	Petroleum Ck	strat column		U Cret F-2 zone	Solari	
21891	Yolo	Rumsey	175	9	Guinda 15'	150-I	Petroleum Ck	strat column		U Cret F-1 ?	Solari	
21892	Yolo	Rumsey	175	10	Guinda 15'	150-I	Petroleum Ck	strat column		U Cret F-1 ?	Solari	
21893	Yolo	Rumsey	175	11	Guinda 15'	150-I	Petroleum Ck	strat column		U Cret F-1 ?	Solari	
21894	Yolo	Rumsey	175	12	Guinda 15'	150-J	Petroleum Ck	strat column		U Cret F-1 ?	Solari	
21895	Yolo	Rumsey	175	13	Guinda 15'	150-J	Petroleum Ck	strat column		U Cret F-1 ?	Solari	
21896	Yolo	Rumsey	175	14	Guinda 15'	150-J	Petroleum Ck	strat column		U Cret F-1 ?	Solari	
21897	Yolo	Rumsey	175	16	Guinda 15'	150-J	Petroleum Ck	strat column		U Cret F-1 ?	Solari	
21898	Yolo	Rumsey	175	17	Guinda 15'	150-J	Petroleum Ck	strat column		U Cret F-1 ?	Solari	
21899	Yolo	Rumsey	175	18	Guinda 15'	150-J	Petroleum Ck	strat column		U Cret F-1 ?	Solari	
21900	Yolo	Rumsey	175	19	Guinda 15'	150-J	Petroleum Ck	strat column		U Cret F-1 ?	Solari	
21901	Yolo	Rumsey	175	29	Guinda 15'	150-J	Petroleum Ck	strat column		U Cret F-1 ?	Solari	
21902	Yolo	Rumsey	175	21	Guinda 15'	150-J	Petroleum Ck	strat column		U Cret F-1 ?	Solari	
21903	Yolo	Rumsey	175	22	Guinda 15'	150-J	Petroleum Ck	strat column		U Cret F-1 ?	Solari	
21904	Yolo	Rumsey	175	23	Guinda 15'	150-J	Petroleum Ck	strat column		U Cret F-1 ?	Solari	
21905	Yolo	Rumsey	175	24	Guinda 15'	150-J	Petroleum Ck	strat column		U Cret F-1 ?	Solari	
21906	Yolo	Rumsey	175	25	Guinda 15'	150-J	Petroleum Ck	strat column		U Cret F-1 ?	Solari	
21907	Yolo	Rumsey	175	26	Guinda 15'	150-J	Petroleum Ck	strat column		U Cret F-1 ?	Solari	
21908	Yolo	Rumsey	175	27	Guinda 15'	150-J	Petroleum Ck	strat column		U Cret F-1 ?	Solari	
21909	Yolo	Rumsey	175	28	Guinda 15'	150-J	Petroleum Ck	strat column		U Cret F-1 ?	Solari	
21910	Colusa	Rumsey	199	1	Salt Ck section	G-4	Guinda 15'	strat column		Upper Cretaceous	Berry	
21911	Colusa	Rumsey	199	2	Salt Ck section	G-4	Guinda 15'	not on map		Upper Cretaceous	Berry	
21912	Colusa	Rumsey	199	3	Salt Ck section	G-4	Guinda 15'	not on map		Upper Cretaceous	Berry	
21913	Colusa	Rumsey	199	4	Salt Ck section	G-4	Guinda 15'	not on map		Upper Cretaceous	Berry	
21914	Colusa	Rumsey	199	5	Salt Ck section	G-4	Guinda 15'	not on map		Upper Cretaceous	Berry	
21915	Colusa	Rumsey	199	6	Salt Ck section	G-4	Guinda 15'	not on map		Upper Cretaceous	Berry	
21916	Colusa	Rumsey	199	7	Salt Ck section	G-4	Guinda 15'	not on map		Upper Cretaceous	Berry	
21917	Colusa	Rumsey	199	8	Salt Ck section	G-4	Guinda 15'	not on map		Upper Cretaceous	Berry	
21918	Colusa	Rumsey	199	9	Salt Ck section	G-4	Guinda 15'	not on map		Upper Cretaceous	Berry	
21919	Colusa	Rumsey	199	10	Salt Ck section	G-4	Guinda 15'	not on map		Upper Cretaceous	Berry	
21920	Colusa	Rumsey	199	11	Salt Ck section	G-4	Guinda 15'	not on map		Upper Cretaceous	Berry	
21921	Colusa	Rumsey	201	1	Putah Ck	G-4	Guinda 15'	Have check list		Upper Cretaceous	Kirby	
21922	Colusa	Rumsey	201	2	Putah Ck	G-4	Guinda 15'	for samples		Upper Cretaceous	Kirby	
21923	Colusa	Rumsey	201	3	Putah Ck	G-4	Guinda 15'	#1 to 5		Upper Cretaceous	Kirby	
21924	Colusa	Rumsey	201	4	Putah Ck	G-4	Guinda 15'			Upper Cretaceous	Kirby	
21925	Colusa	Rumsey	201	5	Putah Ck	G-4	Guinda 15'			Upper Cretaceous	Kirby	
21926	Colusa	Rumsey	201	6	Putah Ck	G-4	Guinda 15'			Upper Cretaceous	Kirby	
21927	Colusa	Rumsey	201	7	Putah Ck	G-4	Guinda 15'			Upper Cretaceous	Kirby	
21928	Colusa	Rumsey	201	8	Putah Ck	G-4	Guinda 15'			Upper Cretaceous	Kirby	
21929	Colusa	Rumsey	201	10	Putah Ck	G-4	Guinda 15'			Upper Cretaceous	Kirby	
21930	Colusa	Rumsey	201	12	Putah Ck	G-4	Guinda 15'			Upper Cretaceous	Kirby	
21931	Colusa	Rumsey	201	13	Putah Ck	G-4	Guinda 15'			Upper Cretaceous	Kirby	

	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		
22017	Yolo	Rumsey	11138	20	Petroleum Creek	151-J	Guinda 15'		U Cret F-2 zone	Welge		
22018	Yolo	Rumsey	11138	21	Petroleum Creek	151-J	Guinda 15'		U Cret F-2 zone	Welge		
22019	Yolo	Rumsey	11138	22	Petroleum Creek	151-J	Guinda 15'		U Cret F-2 zone	Welge		
22020	Yolo	Rumsey	11138	23	Petroleum Creek	151-J	Guinda 15'		U Cret G-1 zone	Welge		
22021	Yolo	Rumsey	11138	24	Petroleum Creek	151-J	Guinda 15'		U Cret G-1 zone	Welge		
22022	Yolo	Rumsey	11138	25	Petroleum Creek	151-J	Guinda 15'		U Cret G-1 zone	Welge		
22023	Yolo	Rumsey	11138	26	Petroleum Creek	151-J	Guinda 15'		U Cret G-1 zone	Welge		
22024	Yolo	Rumsey	11138	27	Petroleum Creek	151-J	Guinda 15'		U Cret G-1 zone	Welge		
22025	Yolo	Rumsey	11138	28	Petroleum Creek	151-J	Guinda 15'		U Cret G-1 zone	Welge		
22026	Yolo	Rumsey	11138	29	Petroleum Creek	151-J	Guinda 15'		U Cret G-1 zone	Welge		
22027	Yolo	Rumsey	11138	30	Petroleum Creek	151-J	Guinda 15'		U Cret G-1 zone	Welge		
22028	Yolo	Rumsey	11139	1	Buckeye Creek	151-F	Guinda 15'	Have strat	Upper Cretaceous	Welge		
22029	Yolo	Rumsey	11139	2	Buckeye Creek	151-F	Guinda 15'	column	Upper Cretaceous	Welge		
22030	Yolo	Rumsey	11139	3	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
22031	Yolo	Rumsey	11139	5	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
22032	Yolo	Rumsey	11139	6	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
22033	Yolo	Rumsey	11139	7	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
22034	Yolo	Rumsey	11139	8	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
22035	Yolo	Rumsey	11139	9	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
22036	Yolo	Rumsey	11139	10	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
22037	Yolo	Rumsey	11139	11	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
22038	Yolo	Rumsey	11139	12	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
22039	Yolo	Rumsey	11139	13	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
22040	Yolo	Rumsey	11139	15	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
22041	Yolo	Rumsey	11139	18	Buckeye Creek	151-F	Guinda 15'		Upper Cretaceous	Welge		
22042	Yolo	Rumsey	11139	19	Buckeye Creek	151-G	Guinda 15'		Upper Cretaceous	Welge		
22043	Yolo	Rumsey	11139	19	Buckeye Creek	151-G	Guinda 15'		Upper Cretaceous	Welge		
22044	Yolo	Rumsey	11139	23	Buckeye Creek	151-G	Guinda 15'		Upper Cretaceous	Welge		
22045	Yolo	Rumsey	11139	24	Buckeye Creek	151-G	Guinda 15'		Upper Cretaceous	Welge		
22046	Colusa	Rumsey	35107		Sand Ck Rumsey	130-B		age from slide	U Cret G-1 zone			
22047	Colusa	Rumsey	35112		Salt Ck Rumsey	130-B			no paleo info			
22048	Yolo	Rumsey	35113		Salt Ck Rumsey	130-B			no paleo info			
22049	Colusa	Rumsey	35117	A	Salt Ck Rumsey	130-B			no paleo info			
22050	Colusa	Rumsey	35117	B	Salt Ck Rumsey	130-B			no paleo info			
22051	Colusa	Rumsey	35117	C	Salt Ck Rumsey	130-B			no paleo info			
22052	Colusa	Rumsey	35118		center of quad	130-B	Dobbins sh		no paleo info			
22053	Napa	Rutherford	13784		Dry Creek	114-C	Sonoma 15'		Lower Cretaceous	Beck		
22054	Napa	Rutherford	13786		Dry Creek	114-C	Sonoma 15'		Lower Cretaceous	Beck		
22055	Sonoma	Rutherford	21651		NE of Dry Ck Road	228-K			not diagnostic	Beck		
22056	Sonoma	Rutherford	21654		NE of Dry Ck Road	228-K			poss Paleocene E	Beck		
22057	Napa	Rutherford	22974		Dry Creek	202-B			L? Cretaceous	Lyon		
22058	Santa Barbara	Sacate	180	G1 etc	Arroyo Bulito	34-J	Gaviota and		Eocene			
22059	Santa Barbara	Sacate	180	2	Arroyo Bulito	34-J	Alegria formations		Eocene			
22060	Santa Barbara	Sacate	180	3	Arroyo Bulito	34-J	type Bultian?		Eocene			
22061	Santa Barbara	Sacate	180	4	Arroyo Bulito	34-J			Eocene			
22062	Santa Barbara	Sacate	180	5	Arroyo Bulito	34-J			Eocene			
22063	Santa Barbara	Sacate	180	6	Arroyo Bulito	34-J			Eocene			
22064	Santa Barbara	Sacate	180	7	Arroyo Bulito	34-J			Eocene			
22065	Santa Barbara	Sacate	180	8	Arroyo Bulito	34-J			Eocene			
22066	Santa Barbara	Sacate	180	9	Arroyo Bulito	34-J			Eocene			
22067	Santa Barbara	Sacate	180	10	Arroyo Bulito	34-J			Eocene			
22068	Santa Barbara	Sacate	180	11	Arroyo Bulito	34-J			Eocene			
22069	Santa Barbara	Sacate	180	13	Arroyo Bulito	34-J			Eocene			
22070	Santa Barbara	Sacate	180	14	Arroyo Bulito	34-J			Eocene			
22071	Santa Barbara	Sacate	180	15	Arroyo Bulito	34-J			Eocene			
22072	Santa Barbara	Sacate	194	1	Santa Anita Cyn	68-D	Have form and		U Eoc A-1 zone			
22073	Santa Barbara	Sacate	194	2	Santa Anita Cyn	68-D	nannoplankton		U Eoc A-1 zone			
22074	Santa Barbara	Sacate	194	3	Santa Anita Cyn	68-D	strat column and		U Eoc A-1 zone			
22075	Santa Barbara	Sacate	194	4	Santa Anita Cyn	68-D	check list which		U Eoc A-1 zone			
22076	Santa Barbara	Sacate	194	5	Santa Anita Cyn	68-D	provide ages		U Eoc A-1 zone			
22077	Santa Barbara	Sacate	194	6	Santa Anita Cyn	68-D			U Eoc A-1 zone			
22078	Santa Barbara	Sacate	194	7	Santa Anita Cyn	68-D			U Eoc A-1 zone			
22079	Santa Barbara	Sacate	194	8	Santa Anita Cyn	68-D			U Eoc A-1 zone			
22080	Santa Barbara	Sacate	194	9	Santa Anita Cyn	68-D			type Refugian			
22081	Santa Barbara	Sacate	194	10	Santa Anita Cyn	68-D			type Refugian			
22082	Santa Barbara	Sacate	194	11	Santa Anita Cyn	68-D			type Refugian			
22083	Santa Barbara	Sacate	194	12	Santa Anita Cyn	68-D			type Refugian			
22084	Santa Barbara	Sacate	194	13	Santa Anita Cyn	68-D			type Refugian			
22085	Santa Barbara	Sacate	194	14	Santa Anita Cyn	68-D			type Refugian			
22086	Santa Barbara	Sacate	194	15	Santa Anita Cyn	68-D			type Refugian			
22087	Santa Barbara	Sacate	194	17	Santa Anita Cyn	68-D			type Refugian			
22088	Santa Barbara	Sacate	194	19	Santa Anita Cyn	68-D			type Refugian			
22089	Santa Barbara	Sacate	194	20	Santa Anita Cyn	68-D			type Refugian			
22090	Santa Barbara	Sacate	194	21	Santa Anita Cyn	68-D			type Refugian			
22091	Santa Barbara	Sacate	194	22	Santa Anita Cyn	68-D			type Refugian			
22092	Santa Barbara	Sacate	194	23	Santa Anita Cyn	68-D			type Refugian			
22093	Santa Barbara	Sacate	194	24	Santa Anita Cyn	68-D			type Refugian			
22094	Santa Barbara	Sacate	194	25	Santa Anita Cyn	68-D			type Refugian			
22095	Santa Barbara	Sacate	194	26	Santa Anita Cyn	68-D			type Refugian			
22096	Santa Barbara	Sacate	194	27	Santa Anita Cyn	68-D			type Refugian			
22097	Santa Barbara	Sacate	194	28	Santa Anita Cyn	68-D			type Refugian			
22098	Santa Barbara	Sacate	194	29	Santa Anita Cyn	68-D			type Refugian			
22099	Santa Barbara	Sacate	194	30	Santa Anita Cyn	68-D			type Refugian			
22100	Santa Barbara	Sacate	194	31	Santa Anita Cyn	68-D			M Eoc A-2 zone			
22101	Santa Barbara	Sacate	194	32	Santa Anita Cyn	68-D			M Eoc 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		
22187	Santa Barbara	Sacate	194	58	Santa Anita Cyn	38-J		duplicates	U Eoc A-2 zone			
22188	Santa Barbara	Sacate	194	59	Santa Anita Cyn	38-J		duplicates	U Eoc A-2 zone			
22189	Santa Barbara	Sacate	194	60	Santa Anita Cyn	38-J		duplicates	U Eoc A-2 zone			
22190	Santa Barbara	Sacate	194	1	Santa Anita Cyn	78-E		planktonics	type Refugian			
22191	Santa Barbara	Sacate	194	2	Santa Anita Cyn	78-E		planktonics	type Refugian			
22192	Santa Barbara	Sacate	194	4	Santa Anita Cyn	78-E		planktonics	type Refugian			
22193	Santa Barbara	Sacate	194	6	Santa Anita Cyn	78-E		planktonics	type Refugian			
22194	Santa Barbara	Sacate	194	8	Santa Anita Cyn	78-E		planktonics	type Refugian			
22195	Santa Barbara	Sacate	194	12	Santa Anita Cyn	78-E		planktonics	type Refugian			
22196	Santa Barbara	Sacate	194	13	Santa Anita Cyn	78-E		planktonics	type Refugian			
22197	Santa Barbara	Sacate	194	15	Santa Anita Cyn	78-E		planktonics	type Refugian			
22198	Santa Barbara	Sacate	194	19	Santa Anita Cyn	78-E		planktonics	type Refugian			
22199	Santa Barbara	Sacate	194	20	Santa Anita Cyn	78-E		planktonics	type Refugian			
22200	Santa Barbara	Sacate	194	21	Santa Anita Cyn	78-E		planktonics	type Refugian			
22201	Santa Barbara	Sacate	194	24	Santa Anita Cyn	78-E		planktonics	type Refugian			
22202	Santa Barbara	Sacate	194	27	Santa Anita Cyn	78-E		planktonics	type Refugian			
22203	Santa Barbara	Sacate	194	28	Santa Anita Cyn	78-E		planktonics	type Refugian			
22204	Santa Barbara	Sacate	194	29	Santa Anita Cyn	78-E		planktonics	type Refugian			
22205	Santa Barbara	Sacate	194	30	Santa Anita Cyn	78-E		planktonics	type Refugian			
22206	Santa Barbara	Sacate	194	31	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22207	Santa Barbara	Sacate	194	32	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22208	Santa Barbara	Sacate	194	34	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22209	Santa Barbara	Sacate	194	36	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22210	Santa Barbara	Sacate	194	37	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22211	Santa Barbara	Sacate	194	38	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22212	Santa Barbara	Sacate	194	39	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22213	Santa Barbara	Sacate	194	40	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22214	Santa Barbara	Sacate	194	41	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22215	Santa Barbara	Sacate	194	42	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22216	Santa Barbara	Sacate	194	43	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22217	Santa Barbara	Sacate	194	44	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22218	Santa Barbara	Sacate	194	45	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22219	Santa Barbara	Sacate	194	46	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22220	Santa Barbara	Sacate	194	47	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22221	Santa Barbara	Sacate	194	48	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22222	Santa Barbara	Sacate	194	49	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22223	Santa Barbara	Sacate	194	50	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22224	Santa Barbara	Sacate	194	51	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22225	Santa Barbara	Sacate	194	52	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22226	Santa Barbara	Sacate	194	53	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22227	Santa Barbara	Sacate	194	54	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22228	Santa Barbara	Sacate	194	55	Santa Anita Cyn	78-E		planktonics	U Eoc A-2 zone			
22229	Santa Barbara	Sacate	194	slide 1	assemblage slide	74-B			no age provided			
22230	Santa Barbara	Sacate	194	slide 2	assemblage slide	74-B			no age provided			
22231	Santa Barbara	Sacate	194	slide 3	assemblage slide	74-B			no age provided			
22232	Santa Barbara	Sacate	2549		Can Santa Anita	22-B			no paleo info			
22233	Santa Barbara	Sacate	2550		Can Santa Anita	22-B			no paleo info			
22234	Santa Barbara	Sacate	2551		Can Santa Anita	22-B			no paleo info			
22235	Santa Barbara	Sacate	2552		Can Santa Anita	22-B			no paleo info			
22236	Santa Barbara	Sacate	2553		Can Santa Anita	22-B			no paleo info			
22237	Santa Barbara	Sacate	2554		Can Santa Anita	22-B			no paleo info			
22238	Santa Barbara	Sacate	2557		Can Santa Anita	22-B			no paleo info			
22239	Santa Barbara	Sacate	2558		Can Santa Anita	22-B			no paleo info			
22240	Santa Barbara	Sacate	2559		Can Santa Anita	22-B			no paleo info			
22241	Santa Barbara	Sacate	2560		Can Santa Anita	22-B			no paleo info			
22242	Santa Barbara	Sacate	2561		Can Santa Anita	22-B			no paleo info			
22243	Santa Barbara	Sacate	2562		Can Santa Anita	22-B			no paleo info			
22244	Santa Barbara	Sacate	2563		Can Santa Anita	22-B			no paleo info			
22245	Santa Barbara	Sacate	2564		Can Santa Anita	22-B			no paleo info			
22246	Santa Barbara	Sacate	2565		Can Santa Anita	22-B			no paleo info			
22247	Santa Barbara	Sacate	2566		Can Santa Anita	22-B			no paleo info			
22248	Santa Barbara	Sacate	2567		Can Santa Anita	22-B			no paleo info			
22249	Santa Barbara	Sacate	2568		Can Santa Anita	22-B			no paleo info			
22250	Santa Barbara	Sacate	2569		Can Santa Anita	22-B			no paleo info			
22251	Santa Barbara	Sacate	2570		Can Santa Anita	22-B			no paleo info			
22252	Santa Barbara	Sacate	4797		Can de S Anita	37-M			no paleo info			
22253	Santa Barbara	Sacate	4803		Can del Agua	37-M			no paleo info			
22254	Santa Barbara	Sacate	4804		Can Bulito	37-M			no paleo info			
22255	Santa Barbara	Sacate	4830	12	Can Santa Anita	37-L		strat column	Refugian			
22256	Santa Barbara	Sacate	4833	1	NW corner quad	37-L	also 4838	strat column	Lower Zemorrian			
22257	Santa Barbara	Sacate	4833	6	NW corner quad	37-L		strat column	Lower Zemorrian			
22258	Santa Barbara	Sacate	4833	7	NW corner quad	37-K	also 4837, 4838	strat column	Lower Zemorrian			
22259	Santa Barbara	Sacate	4833	8	NW corner quad	37-K		strat column	Lower Zemorrian			
22260	Santa Barbara	Sacate	4833	11	NW corner quad	37-K	also 4837	strat column	Lower Zemorrian			
22261	Santa Barbara	Sacate	4833	12	NW corner quad	37-K		strat column	Lower Zemorrian			
22262	Santa Barbara	Sacate	4833	13	NW corner quad	37-K		strat column	Lower Zemorrian			
22263	Santa Barbara	Sacate	4834	1	NW corner quad	37-K			no paleo info			
22264	Santa Barbara	Sacate	4834	2	NW corner quad	37-K			no paleo info			
22265	Santa Barbara	Sacate	4834	3	NW corner quad	37-K			no paleo info			
22266	Santa Barbara	Sacate	4834	4	NW corner quad	37-K			no paleo info			
22267	Santa Barbara	Sacate	4834	5	NW corner quad	37-K			Have NP list on card			
22268	Santa Barbara	Sacate	4834	6	NW corner quad	37-K			no paleo info			
22269	Santa Barbara	Sacate	4835	2	NW corner quad	37-K			no paleo info			
22270	Santa Barbara	Sacate	4835	4	NW corner quad	37-K			no paleo info			
22271	Santa Barbara	Sacate	4837	2	Ar San Augustin	37-K			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/AGE	COLLECTORS		
22272	Santa Barbara	Sacate	4837	3	Ar San Augustin	37-K				Have NP list on card		
22273	Santa Barbara	Sacate	4837	4	Ar San Augustin	37-K			no paleo info			
22274	Santa Barbara	Sacate	4837	5	Ar San Augustin	37-K			no paleo info			
22275	Santa Barbara	Sacate	4837	6	Ar San Augustin	37-K			no paleo info			
22276	Santa Barbara	Sacate	4837	7	Ar San Augustin	37-K			no paleo info			
22277	Santa Barbara	Sacate	4837	8	Ar San Augustin	37-K			no paleo info			
22278	Santa Barbara	Sacate	4837	10	Ar San Augustin	37-K			no paleo info			
22279	Santa Barbara	Sacate	5053		Arroyo El Bulito	37-L			no paleo info			
22280	Santa Barbara	Sacate	5054	20	Arroyo El Bulito	37-L			no paleo info			
22281	Santa Barbara	Sacate	5055		Arroyo El Bulito	37-L			no paleo info			
22282	Santa Barbara	Sacate	5057		Arroyo El Bulito	37-L			no paleo info			
22283	Santa Barbara	Sacate	5151		S. Anita Canyon	37-L			Gaviota fm	Oligocene?		
22284	Santa Barbara	Sacate	9281	1	S Anita Canyon	87-G	ages from strat		column	Middle Eocene		
22285	Santa Barbara	Sacate	9281	2	S Anita Canyon	87-G		has NP	Middle Eocene			
22286	Santa Barbara	Sacate	9281	3	S Anita Canyon	87-G		has NP	Middle Eocene			
22287	Santa Barbara	Sacate	9311	20	Can del Agua	83-F			not diagnostic			
22288	Santa Barbara	Sacate	9311	21	Can del Agua	83-F			not diagnostic			
22289	Santa Barbara	Sacate	9311	22	Can del Agua	83-F			not diagnostic			
22290	Santa Barbara	Sacate	9311	23	Can del Agua	83-F			not diagnostic			
22291	Santa Barbara	Sacate	9311	24	Can del Agua	83-F			not diagnostic			
22292	Santa Barbara	Sacate	9311	25	Can del Agua	83-F			not diagnostic			
22293	Santa Barbara	Sacate	9311	27	Can del Agua	83-F			not diagnostic			
22294	Santa Barbara	Sacate	9311	28	Can del Agua	83-F		has pollen	not diagnostic			
22295	Santa Barbara	Sacate	9311	28	Can del Agua	87-M			not diagnostic			
22296	Santa Barbara	Sacate	9311	29	Can del Agua	83-F		has pollen	not diagnostic			
22297	Santa Barbara	Sacate	9311	30	Can del Agua	83-F		has pollen	not diagnostic			
22298	Santa Barbara	Sacate	9311	31	Can del Agua	83-F		has pollen	not diagnostic			
22299	Santa Barbara	Sacate	9311	44	Can del Agua	87-M		has planktics	Cretaceous?			
22300	Napa	Saint Helena	18738	1B	auger area E-4	236-L		auger holes E4	no paleo info			
22301	Napa	Saint Helena	18738	2A	auger area E-4	236-L		auger holes E4	no paleo info			
22302	Santa Barbara	Salisbury Potrero	1602		Salisbury Canyon	40-L	Salisbury Cyn 15'	age from map	Relizian	Klemme		
22303	Santa Barbara	Salisbury Potrero	1603		Salisbury Canyon	40-L	Salisbury Cyn 15'	age from map	M Miocene	Klemme		
22304	Santa Barbara	Salisbury Potrero	1604		Salisbury Canyon	40-L	Salisbury Cyn 15'	age from map	U Relizian	Klemme		
22305	Santa Barbara	Salisbury Potrero	1605		Salisbury Canyon	40-L	Salisbury Cyn 15'	age from map	not diagnostic	Klemme		
22306	Santa Barbara	Salisbury Potrero	1606		Salisbury Canyon	40-L	Salisbury Cyn 15'	age from map	not diagnostic	Klemme		
22307	Santa Barbara	Salisbury Potrero	1607		Salisbury Canyon	40-L	Salisbury Cyn 15'	age from map	U Miocene?	Klemme		
22308	Santa Barbara	Salisbury Potrero	1608		Salisbury Canyon	40-L	Salisbury Cyn 15'	age from map	not diagnostic	Klemme		
22309	Santa Barbara	Salisbury Potrero	1619		Salisbury Canyon	40-L	Salisbury Cyn 15'	age from map	Luisian?	Klemme		
22310	Santa Barbara	Salisbury Potrero	1625		NW part of quad	40-L	Salisbury Cyn 15'	age from map	Luisian?	Klemme		
22311	Santa Barbara	Salisbury Potrero	1660		NW part of quad	40-L	Salisbury Cyn 15'	age from map	no paleo info	Klemme		
22312	San Luis Obispo	Salisbury Potrero	1661		NW part of quad	40-L	Salisbury Cyn 15'	age from map	M or L Miocene	Klemme		
22313	San Luis Obispo	Salisbury Potrero	1662		NC part of quad	40-L	Salisbury Cyn 15'		no paleo info	Klemme		
22314	San Luis Obispo	Salisbury Potrero	1666		NC part of quad	40-L	Salisbury Cyn 15'	age from map	Mio/Pliocene	Klemme		
22315	Santa Barbara	Salisbury Potrero	1697		NE part of quad	40-L	Salisbury Cyn 15'	age from map	U Miocene?	Klemme		
22316	Santa Barbara	Salisbury Potrero	1705		SE part of quad	40-L	Salisbury Cyn 15'	age from map	Relizian	Klemme		
22317	Santa Barbara	Salisbury Potrero	1716		EC part of quad	40-L	Salisbury Cyn 15'	age from map	Relizian?	Klemme		
22318	Santa Barbara	Salisbury Potrero	1724		NW part of quad	40-L	Salisbury Cyn 15'	age from map	Probably Saucesia	Klemme		
22319	Santa Barbara	Salisbury Potrero	1728		NW part of quad	40-M	Salisbury Cyn 15'	age from map	Zemorrian	Klemme		
22320	Santa Barbara	Salisbury Potrero	1738		NE part of quad	40-M	Salisbury Cyn 15'	age from map	Relizian?	Klemme		
22321	Santa Barbara	Salisbury Potrero	2229	A	NE part of quad	89-L	Salisbury Cyn 15'	definite ID	Miocene?	Cook		
22322	Santa Barbara	Salisbury Potrero	2229	C	NE part of quad	89-L	Salisbury Cyn 15'		Miocene?	Cook		
22323	Santa Barbara	Salisbury Potrero	2229	D	NE part of quad	89-L	Salisbury Cyn 15'		Miocene?	Cook		
22324	Santa Barbara	Salisbury Potrero	2230	A	NE part of quad	89-L	Salisbury Cyn 15'		Cret/Paleoc	Cook		
22325	Santa Barbara	Salisbury Potrero	2231		NE part of quad	89-L	Salisbury Cyn 15'		not diagnostic	Cook		
22326	Santa Barbara	Salisbury Potrero	2235		NE part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
22327	Santa Barbara	Salisbury Potrero	2235	A	NE part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
22328	Santa Barbara	Salisbury Potrero	2235	B	NE part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
22329	Santa Barbara	Salisbury Potrero	2236		NE part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
22330	Santa Barbara	Salisbury Potrero	2236	A	NE part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
22331	Santa Barbara	Salisbury Potrero	2237		NC part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
22332	Santa Barbara	Salisbury Potrero	2238		NC part of quad	89-L	Salisbury Cyn 15'		Middle? Miocene	Papp & Cook		
22333	Santa Barbara	Salisbury Potrero	2241		NC part of quad	89-L	Salisbury Cyn 15'		no paleo info	Papp & Cook		
22334	Santa Barbara	Salisbury Potrero	2242		NC part of quad	89-L	Salisbury Cyn 15'		not diagnostic	Papp & Cook		
22335	Santa Barbara	Salisbury Potrero	2243	A	NC part of quad	89-L	Salisbury Cyn 15'		Luisian?	Papp & Cook		
22336	Santa Barbara	Salisbury Potrero	2244		NC part of quad	89-L	Salisbury Cyn 15'		not diagnostic	Papp & Cook		
22337	Santa Barbara	Salisbury Potrero	2601		NW part of quad	89-L	Salisbury Cyn 15'		U Zemorrian	Papp & Cook		
22338	Santa Barbara	Salisbury Potrero	2603		NW part of quad	89-L	Salisbury Cyn 15'		Zemorrian	Papp & Cook		
22339	Santa Barbara	Salisbury Potrero	2604		NW part of quad	89-L	Salisbury Cyn 15'		Zemorrian?	Papp & Cook		
22340	Santa Barbara	Salisbury Potrero	2605		NW part of quad	89-L	Salisbury Cyn 15'		not diagnostic	Papp & Cook		
22341	Santa Barbara	Salisbury Potrero	2606		NW part of quad	89-L	Salisbury Cyn 15'		Saucesian	Papp & Cook		
22342	Santa Barbara	Salisbury Potrero	2608		NW part of quad	89-L	Salisbury Cyn 15'		Saucesian?	Papp & Cook		
22343	Santa Barbara	Salisbury Potrero	2609		NW part of quad	89-L	Salisbury Cyn 15'		not diagnostic	Papp & Cook		
22344	Santa Barbara	Salisbury Potrero	2611		NW part of quad	89-L	Salisbury Cyn 15'		barren	Papp & Cook		
22345	Santa Barbara	Salisbury Potrero	11801		WC part of quad	79-K	Salisbury Cyn 15'	rubber molds	prob Zemorrian			
22346	Santa Barbara	Salisbury Potrero	17679		NE part of quad	189-C	Salisbury Cyn 15'		no paleo info			
22347	Santa Barbara	Salisbury Potrero	17680		NW part of quad	189-C	Salisbury Cyn 15'		no paleo info			
22348	Santa Barbara	Salisbury Potrero	17681		NW part of quad	189-C	Salisbury Cyn 15'		no paleo info			
22349	Santa Barbara	Salisbury Potrero	19460		SE part of quad	159-M	Vedder Mf 945		Relizian	Vedder		
22350	Santa Barbara	Salisbury Potrero	21000	E	Foresters Leap Cy	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
22351	Santa Barbara	Salisbury Potrero	21000	F	Foresters Leap Cy	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
22352	Santa Barbara	Salisbury Potrero	21000	G	Foresters Leap Cy	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
22353	Santa Barbara	Salisbury Potrero	21000	I	Foresters Leap Cy	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
22354	Santa Barbara	Salisbury Potrero	21000	J	Foresters Leap Cy	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		
22355	Santa Barbara	Salisbury Potrero	21000	K	Foresters Leap Cy	189-A	Salisbury Cyn 15'		no paleo info	Gregory & B		

	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		
22611	Colusa	Salt Canyon	11136	20	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-2 zone	Welge		
22612	Colusa	Salt Canyon	11136	21	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-2 zone	Welge		
22613	Colusa	Salt Canyon	11136	22	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-2 zone	Welge		
22614	Colusa	Salt Canyon	11136	23	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-2 zone	Welge		
22615	Colusa	Salt Canyon	11136	24	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-2 zone	Welge		
22616	Colusa	Salt Canyon	11136	25	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-2 zone	Welge		
22617	Colusa	Salt Canyon	11136	26	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-2 zone	Welge		
22618	Colusa	Salt Canyon	11136	27	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-2 zone	Welge		
22619	Colusa	Salt Canyon	11136	28	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-2 zone	Welge		
22620	Colusa	Salt Canyon	11136	29	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-2 zone	Welge		
22621	Colusa	Salt Canyon	11136	30	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-2 zone	Welge		
22622	Colusa	Salt Canyon	11136	31	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-2 zone	Welge		
22623	Colusa	Salt Canyon	11136	32	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-2/G-1	Welge		
22624	Colusa	Salt Canyon	11136	33	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-2/G-1	Welge		
22625	Colusa	Salt Canyon	11136	34	Salt Creek	151-G	Wilbur Springs 15'		U Cret F-2/G-1	Welge		
22626	Colusa	Salt Canyon	11136	35	Salt Creek	151-G	Wilbur Springs 15'		U Cret G-1 zone	Welge		
22627	Colusa	Salt Canyon	11136	36	Salt Creek	151-G	Wilbur Springs 15'		U Cret G-1 zone	Welge		
22628	Colusa	Salt Canyon	11136	37	Salt Creek	151-G	Wilbur Springs 15'		U Cret G-1 zone	Welge		
22629	Colusa	Salt Canyon	11136	38	Salt Creek	151-G	Wilbur Springs 15'		U Cret G-1 zone	Welge		
22630	Colusa	Salt Canyon	11136	39	Salt Creek	151-G	Wilbur Springs 15'		U Cret G-1 zone	Welge		
22631	Colusa	Salt Canyon	11136	40	Salt Creek	151-G	Wilbur Springs 15'		U Cret G-1 zone	Welge		
22632	Colusa	Salt Canyon	11136	41	Salt Creek	151-G	Wilbur Springs 15'		U Cret G-1 zone	Welge		
22633	Colusa	Salt Canyon	11136	42	Salt Creek	151-G	Wilbur Springs 15'		U Cret G-1 zone	Welge		
22634	Colusa	Salt Canyon	11136	43	Salt Creek	151-G	Wilbur Springs 15'		U Cret G-1 zone	Welge		
22635	Colusa	Salt Canyon	11136	44	Salt Creek	151-G	Wilbur Springs 15'		U Cret G-1 zone	Welge		
22636	San Benito	San Benito	11677		NE of Bald Mtn	157-M	San Benito 15'		prob Refugian	Flege		
22637	San Benito	San Benito	11678		Upper Butts Ranch	157-M	San Benito 15'		U Eocene A zone	Flege		
22638	San Benito	San Benito	11679		Upper Butts Ranch	157-M	San Benito 15'		not diagnostic	Flege		
22639	San Benito	San Benito	11680		Upper Butts Ranch	157-M	San Benito 15'		not diagnostic	Flege		
22640	San Benito	San Benito	11681		Upper Butts Ranch	157-M	San Benito 15'		not diagnostic	Flege		
22641	San Benito	San Benito	11682		Upper Butts Ranch	157-M	San Benito 15'		poss Eocene	Flege		
22642	San Benito	San Benito	11683		Upper Butts Ranch	157-M	San Benito 15'		not diagnostic	Flege		
22643	San Benito	San Benito	11684		Upper Butts Ranch	165-B	San Benito 15'		not diagnostic	Flege		
22644	San Benito	San Benito	11685		Upper Butts Ranch	165-B	San Benito 15'		prob Refugian	Flege		
22645	San Benito	San Benito	11686		Upper Butts Ranch	165-B	San Benito 15'		not diagnostic	Flege		
22646	San Benito	San Benito	11689		Upper Butts Ranch	165-B	San Benito 15'		barren	Starke		
22647	San Benito	San Benito	11690		Upper Butts Ranch	165-B	San Benito 15'		not diagnostic	Starke		
22648	San Benito	San Benito	11692		Upper Butts Ranch	165-B	San Benito 15'		Refugian	Starke		
22649	San Benito	San Benito	11695		Upper Butts Ranch	165-B	San Benito 15'		U Eocene A zone	Starke		
22650	San Benito	San Benito	11736		Butts Ranch	161-G	San Benito 15'		U Eocene A zone	Flege		
22651	San Benito	San Benito	11740		Butts Ranch	169-G	San Benito 15'	rubber casts	U Cret C/D-1 zone	Flege		
22652	San Benito	San Benito	13600		Payne Creek	181-J	San Benito 15'	LSJU	U Eocene A zone	Paul Enos		
22653	San Benito	San Benito	13602		Payne Creek	181-J	San Benito 15'	LSJU	U Eocene A zone	Paul Enos		
22654	San Benito	San Benito	13603	A	Payne Creek	181-J	San Benito 15'	LSJU	U Eocene A zone	Paul Enos		
22655	San Benito	San Benito	13603	B	Payne Creek	181-J	San Benito 15'	LSJU	U Eocene A zone	Paul Enos		
22656	San Benito	San Benito	13603	C	Payne Creek	181-J	San Benito 15'	LSJU	U Eocene A zone	Paul Enos		
22657	San Benito	San Benito	13604	A	Payne Creek	181-J	San Benito 15'	LSJU	U Cret E/F zones	Paul Enos		
22658	San Benito	San Benito	13606	A	Payne Creek	181-J	San Benito 15'	LSJU	U Cret C/D zones	Paul Enos		
22659	San Benito	San Benito	13606	B	Payne Creek	181-J	San Benito 15'	LSJU	U Cret C/D zones	Paul Enos		
22660	San Benito	San Benito	13609		Payne Creek	181-J	San Benito 15'	LSJU	Narizian/Refugian	Paul Enos		
22661	San Benito	San Benito	13611	A	Payne Creek	181-J	San Benito 15'	LSJU	U Cret F/G-1	Paul Enos		
22662	San Benito	San Benito	13611	B	Payne Creek	181-J	San Benito 15'	LSJU	U Cret F/G-1	Paul Enos		
22663	San Benito	San Benito	13612		Payne Creek	181-J	San Benito 15'	LSJU	U Cret E/G-1	Paul Enos		
22664	San Benito	San Benito	13620		Bear Canyon	181-J	San Benito 15'	LSJU	U Eocene A zone	Paul Enos		
22665	San Benito	San Benito	13621		Big Oak Flat	181-J	San Benito 15'	LSJU	Upper Cretaceous	Paul Enos		
22666	San Benito	San Benito	13622		Horsethief Cyn	181-J	San Benito 15'	LSJU	L Eocene C zone	Paul Enos		
22667	San Benito	San Benito	13623		Bitterwater Cyn	181-J	San Benito 15'	LSJU	U Eocene A zone	Paul Enos		
22668	San Benito	San Benito	13626	A	Payne Creek	181-J	San Benito 15'	LSJU	Upper Cretaceous	Paul Enos		
22669	San Benito	San Benito	13626	B	Payne Creek	181-J	San Benito 15'	LSJU	Upper Cretaceous	Paul Enos		
22670	San Benito	San Benito	13638		Payne Creek	181-J	San Benito 15'	LSJU	Upper Cretaceous	Paul Enos		
22671	San Benito	San Benito Mountain	11797	1	S Margarita Mine	202-D	New Idria 15'		no paleo info	Reber		
22672	San Benito	San Benito Mountain	11797	2	S Margarita Mine	202-D	New Idria 15'		no paleo info	Reber		
22673	San Benito	San Benito Mountain	11797	3	S Margarita Mine	202-D	New Idria 15'		no paleo info	Reber		
22674	San Benito	San Benito Mountain	11797	4	S Margarita Mine	202-D	New Idria 15'		no paleo info	Reber		
22675	San Benito	San Benito Mountain	11797	5	S Margarita Mine	202-D	New Idria 15'		no paleo info	Reber		
22676	San Benito	San Benito Mountain	11797	6	S Margarita Mine	202-D	New Idria 15'		no paleo info	Reber		
22677	San Benito	San Benito Mountain	11797	7	S Margarita Mine	202-D	New Idria 15'		no paleo info	Reber		
22678	San Benito	San Benito Mountain	11797	8	S Margarita Mine	202-D	New Idria 15'		no paleo info	Reber		
22679	San Benito	San Benito?	13636		not found	181-J	San Benito 15' ?	LSJU	Upper Cretaceous	Paul Enos		
22680	San Benito	San Benito?	13637		not found	181-J	San Benito 15' ?	LSJU	Upper Cretaceous	Paul Enos		
22681	San Benito	San Benito?	13639		not found	181-J	San Benito 15' ?	LSJU	Upper Eocene	Paul Enos		
22682	Orange	San Clemente	450	1	Gabino Canyon	56-I			no paleo info			
22683	Orange	San Clemente	450	2	Gabino Canyon	56-I			no paleo info			
22684	Orange	San Clemente	450	2A	Gabino Canyon	56-I			no paleo info			
22685	Orange	San Clemente	450	3	Gabino Canyon	56-I			no paleo info			
22686	Orange	San Clemente	450	5	Gabino Canyon	56-I			no paleo info			
22687	Orange	San Clemente	1321		S of San Clemente	24-A			no paleo info			
22688	Orange	San Clemente	1324		S of San Clemente	24-A			no paleo info			
22689	Orange	San Clemente	1326		SW corner of quad	24-A			no paleo info			
22690	Orange	San Clemente	1327		SW corner of quad	24-A			no paleo info			
22691	Orange	San Clemente	1329		NW part of quad	24-A			no paleo info			
22692	Orange	San Clemente	1331		WC part of quad	24-A			no paleo info			
22693	Orange	San Clemente	1332		WC part of quad	24-A			no paleo info			
22694	Orange	San Clemente	5976		Gabino Canyon	60-J			no paleo info	see 6249		
22695	Orange	San Clemente	5976		Gabino Canyon	61-J	see #6249-6950	age from slide	Cretaceous			

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		
22696	Orange	San Clemente	8225	A	in San Clemente	no #			no paleo info			
22697	Orange	San Clemente	8225	B	in San Clemente	no #			no paleo info			
22698	Los Angeles	San Clemente Island	7989	1	NC part of quad	70-E			Luisian	Newton		
22699	Los Angeles	San Clemente Island	7989	2	NC part of quad	70-E			Luisian	Newton		
22700	Los Angeles	San Clemente Island	7994		NC part of quad	70-E			barren	Newton		
22701	Los Angeles	San Clemente Island	7995		NC part of quad	70-E			barren	Newton		
22702	Los Angeles	San Clemente Island	7996		NC part of quad	70-E			barren	Newton		
22703	Los Angeles	San Clemente Island	7997		NC part of quad	70-E			not diagnostic	Newton		
22704	Los Angeles	San Clemente Island	7981		Wilson Cove	70-E		age from fish	Middle Miocene	Newton		
22705	Los Angeles	San Clemente Island	7982		Wilson Cove	70-E		age from fish	Middle Miocene	Newton		
22706	Los Angeles	San Clemente Island	7983		Wilson Cove	70-E		age from fish	?Middle Miocene	Newton		
22707	Los Angeles	San Clemente Island	7985		SE corner of quad	70-E			barren	Newton		
22708	Los Angeles	San Clemente Island	7986		SE corner of quad	70-E			barren	Newton		
22709	Los Angeles	San Clemente Island	7987		SE corner of quad	70-E			Middle Miocene	Newton		
22710	Los Angeles	San Clemente Island	7988		SE corner of quad	70-E			Middle Miocene	Newton		
22711	Los Angeles	San Clemente Island	8004		N of China Point	70-E		age from fish	Middle Miocene	Newton		
22712	Los Angeles	San Clemente Island	8006		N of China Point	70-E		age from fish	Middle Miocene	Newton		
22713	Los Angeles	San Clemente Island	8008		N of China Point	70-E		age from fish	Middle Miocene	Newton		
22714	Los Angeles	San Dimas	441	2	San Jose Hills	58-J			no paleo info			
22715	Los Angeles	San Dimas	441	5	San Jose Hills	58-J			no paleo info			
22716	Los Angeles	San Dimas	441	6	San Jose Hills	58-J			no paleo info			
22717	Los Angeles	San Dimas	441	7	San Jose Hills	58-J			no paleo info			
22718	Los Angeles	San Dimas	669	1	East Covina	76-N			Middle Mohnian			
22719	Los Angeles	San Dimas	669	2	East Covina	76-N			Middle Mohnian			
22720	Los Angeles	San Dimas	669	3	East Covina	76-N			Middle Mohnian			
22721	Los Angeles	San Dimas	669	4	East Covina	76-N			Middle Mohnian			
22722	Los Angeles	San Dimas	669	5	East Covina	76-N			Middle Mohnian			
22723	Los Angeles	San Dimas	669	6	East Covina	76-N			Middle Mohnian			
22724	Los Angeles	San Dimas	669	7	East Covina	76-N			Middle Mohnian			
22725	Los Angeles	San Dimas	669	8	East Covina	76-N			Middle Mohnian			
22726	Los Angeles	San Dimas	669	9	East Covina	76-N			Middle Mohnian			
22727	Los Angeles	San Dimas	669	10	East Covina	76-N			Middle Mohnian			
22728	Los Angeles	San Dimas	669	11	East Covina	76-N			Middle Mohnian			
22729	Los Angeles	San Dimas	669	12	East Covina	76-N			Middle Mohnian			
22730	Los Angeles	San Dimas	669	13	East Covina	76-N			Middle Mohnian			
22731	Los Angeles	San Dimas	669	14	East Covina	76-N			Middle Mohnian			
22732	Los Angeles	San Dimas	669	15	East Covina	76-N			Middle Mohnian			
22733	Los Angeles	San Dimas	669	16	East Covina	76-N			Middle Mohnian			
22734	Los Angeles	San Dimas	669	17	East Covina	76-N			Middle Mohnian			
22735	Los Angeles	San Dimas	669	18	East Covina	76-N			Middle Mohnian			
22736	Los Angeles	San Dimas	669	19	East Covina	76-N			Middle Mohnian			
22737	Los Angeles	San Dimas	669	20	East Covina	76-N			Middle Mohnian			
22738	Los Angeles	San Dimas	669	21	East Covina	76-N			Middle Mohnian			
22739	Los Angeles	San Dimas	669	22	East Covina	76-N			Middle Mohnian			
22740	Los Angeles	San Dimas	669	23	East Covina	76-N			Middle Mohnian			
22741	Los Angeles	San Dimas	669	24	East Covina	76-N			Middle Mohnian			
22742	Los Angeles	San Dimas	669	25	East Covina	76-N			Middle Mohnian			
22743	Los Angeles	San Dimas	669	26	East Covina	76-N			Middle Mohnian			
22744	Los Angeles	San Dimas	669	27	East Covina	76-N			Middle Mohnian			
22745	Los Angeles	San Dimas	669	28	East Covina	76-N			Middle Mohnian			
22746	Los Angeles	San Dimas	669	29	East Covina	76-N			Middle Mohnian			
22747	Los Angeles	San Dimas	669	30	East Covina	76-N			Middle Mohnian			
22748	Los Angeles	San Dimas	669	31	East Covina	76-N			Middle Mohnian			
22749	Los Angeles	San Dimas	669	32	East Covina	76-N			Middle Mohnian			
22750	Los Angeles	San Dimas	669	33	East Covina	76-N			Middle Mohnian			
22751	Los Angeles	San Dimas	669	34	East Covina	76-N			Middle Mohnian			
22752	Los Angeles	San Dimas	669	35	East Covina	76-N			Middle Mohnian			
22753	Los Angeles	San Dimas	669	36	East Covina	76-N			Middle Mohnian			
22754	Los Angeles	San Dimas	669	37	East Covina	76-N			Middle Mohnian			
22755	Los Angeles	San Dimas	669	38	East Covina	76-N			Middle Mohnian			
22756	Los Angeles	San Dimas	669	39	East Covina	76-N			Middle Mohnian			
22757	Los Angeles	San Dimas	669	40	East Covina	76-N			Middle Mohnian			
22758	Los Angeles	San Dimas	677	5	San Jose Hills	75-H	Have strat column		Lower Mohnian			
22759	Los Angeles	San Dimas	677	6	San Jose Hills	75-H			Lower Mohnian			
22760	Los Angeles	San Dimas	677	7	San Jose Hills	75-H			not diagnostic			
22761	Los Angeles	San Dimas	677	8	San Jose Hills	75-H			Lower Mohnian			
22762	Los Angeles	San Dimas	677	9	San Jose Hills	75-H			Lower Mohnian			
22763	Los Angeles	San Dimas	8631		Arroyo Avenue	76-L			Lower Mohnian			
22764	Los Angeles	San Dimas	8637		SE of Masonic Hm	76-L			not diagnostic			
22765	Los Angeles	San Dimas	8694		SE of Masonic Hm	77-C			Mohnian			
22766	Los Angeles	San Dimas	8696		SE of Masonic Hm	77-C			Mohnian			
22767	Los Angeles	San Dimas	9340		Puente Hills	155-I	ditto		no paleo info	Hunter		
22768	Los Angeles	San Dimas	10014		center of quad	86-I			no paleo info			
22769	Los Angeles	San Dimas	10015		center of quad	86-I			no paleo info			
22770	Los Angeles	San Dimas	10017		center of quad	86-I			no paleo info			
22771	Los Angeles	San Dimas	10018		center of quad	86-I			no paleo info			
22772	Los Angeles	San Dimas	10022		center of quad	86-I	not on map		no paleo info			
22773	Los Angeles	San Dimas	10051		center of quad	86-J			no paleo info			
22774	Los Angeles	San Dimas	10057		center of quad	86-J		siliceous flora	Mohnian or older			
22775	Los Angeles	San Fernando	4640		Hansen Dam area	31-L	old Pacoima Quad		no paleo info			
22776	Los Angeles	San Fernando	4641		Hansen Dam area	31-L			no paleo info			
22777	Los Angeles	San Fernando	4642		Hansen Dam area	31-L			no paleo info			
22778	Los Angeles	San Fernando	4643		Hansen Dam area	31-L			no paleo info			
22779	Los Angeles	San Fernando	4644		Hansen Dam area	31-K			no paleo info			
22780	Los Angeles	San Fernando	4645		Hansen Dam area	41-H			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		
22781	Los Angeles	San Fernando	4646		Hansen Dam area	41-H			no paleo info			
22782	Los Angeles	San Fernando	4648		Hansen Dam area	31-K			no paleo info			
22783	Los Angeles	San Fernando	4792		Hansen Dam area	31-N	Osborne/Glennoaks		no paleo info			
22784	Los Angeles	San Fernando	6763		NE of Foothill Bvd	61-B			poss Mohnian			
22785	Los Angeles	San Fernando	6764		NE of Foothill Bvd	61-B			not diagnostic			
22786	Los Angeles	San Fernando	6765		NE of Foothill Bvd	61-B			not diagnostic			
22787	Los Angeles	San Fernando	8958	6	Lopez Canyon	79-N			not diagnostic			
22788	Los Angeles	San Fernando	8958	15	Lopez Canyon	79-N			Upper Mohnian			
22789	Los Angeles	San Fernando	8958	17	Lopez Canyon	79-N			Upper Mohnian			
22790	Los Angeles	San Fernando	8958	22	Lopez Canyon	79-N			Upper Mohnian			
22791	Los Angeles	San Fernando	8981	5	Hansen Dam	79-N			Mohnian			
22792	San Mateo	San Gregorio	2482		SE part of quad	115-E	34/7S/5W (SLP)		Miocene/Pliocene	Classen		
22793	San Mateo	San Gregorio	4989		nr town San Greg	123-F	16/7S/4W (SLP)	fault zone	Saucesian	Starke		
22794	San Mateo	San Gregorio	7305		San Gregorio Bch	147-A	23/7S/5W (SLP)		Pliocene	Kraetsch		
22795	San Mateo	San Gregorio	24051	2	Pescadero Beach	99-F	5/8S/5W (SLP)	age on pollen	Cret/Paleocene			
22796	Ventura	San Guillermo	170	4	Wagon Rd Canyon	50-K	strat column		no ages given but	Zeni &		
22797	Ventura	San Guillermo	170	8	Wagon Rd Canyon	50-K	locality not on map		poss all Eocene			
22798	Ventura	San Guillermo	170	9	Wagon Rd Canyon	50-K	but has locality		poss all Eocene			
22799	Ventura	San Guillermo	170	10	Wagon Rd Canyon	50-K	data on strat col.		poss all Eocene			
22800	Ventura	San Guillermo	170	15	Wagon Rd Canyon	50-K			poss all Eocene			
22801	Ventura	San Guillermo	170	18	Wagon Rd Canyon	50-K			poss all Eocene			
22802	Ventura	San Guillermo	170	21	Wagon Rd Canyon	50-K			poss all Eocene			
22803	Ventura	San Guillermo	170	24	Wagon Rd Canyon	50-K			poss all Eocene			
22804	Ventura	San Guillermo	170	27	Wagon Rd Canyon	50-K			poss all Eocene			
22805	Ventura	San Guillermo	170	31	Wagon Rd Canyon	50-L			poss all Eocene			
22806	Ventura	San Guillermo	170	38	Wagon Rd Canyon	50-L			poss all Eocene			
22807	Ventura	San Guillermo	170	43	Wagon Rd Canyon	50-L			poss all Eocene			
22808	Ventura	San Guillermo	170	45	Wagon Rd Canyon	50-L			poss all Eocene			
22809	Ventura	San Guillermo	170	46	Wagon Rd Canyon	50-L			poss all Eocene			
22810	Ventura	San Guillermo	170	47	Wagon Rd Canyon	50-L			poss all Eocene			
22811	Ventura	San Guillermo	170	48	Wagon Rd Canyon	50-L			poss all Eocene			
22812	Ventura	San Guillermo	170	49	Wagon Rd Canyon	50-L			poss all Eocene			
22813	Ventura	San Guillermo	170	53	Wagon Rd Canyon	50-L			poss all Eocene			
22814	Ventura	San Guillermo	170	59	Wagon Rd Canyon	50-L			poss all Eocene			
22815	Ventura	San Guillermo	170	80	Wagon Rd Canyon	50-L			poss all Eocene			
22816	Ventura	San Guillermo	170	93	Wagon Rd Canyon	50-L			poss all Eocene			
22817	Ventura	San Guillermo	170	94	Wagon Rd Canyon	50-L			poss all Eocene			
22818	Ventura	San Guillermo	170	106	Wagon Rd Canyon	50-L			poss all Eocene			
22819	Ventura	San Guillermo	170	112	Wagon Rd Canyon	50-L			poss all Eocene			
22820	Ventura	San Guillermo	170	113	Wagon Rd Canyon	50-L			poss all Eocene			
22821	Ventura	San Guillermo	170	114	Wagon Rd Canyon	50-L			poss all Eocene			
22822	Ventura	San Guillermo	170	120	Wagon Rd Canyon	50-L			poss all Eocene			
22823	Ventura	San Guillermo	170	122	Wagon Rd Canyon	50-L			poss all Eocene			
22824	Ventura	San Guillermo	170	123	Wagon Rd Canyon	50-L			poss all Eocene			
22825	Ventura	San Guillermo	170	124	Wagon Rd Canyon	50-L			poss all Eocene			
22826	Ventura	San Guillermo	170	133	Wagon Rd Canyon	50-L			poss all Eocene			
22827	Ventura	San Guillermo	170	134	Wagon Rd Canyon	50-L			poss all Eocene			
22828	Ventura	San Guillermo	170	135	Wagon Rd Canyon	50-L			poss all Eocene			
22829	Ventura	San Guillermo	170	136	Wagon Rd Canyon	50-L			poss all Eocene			
22830	Ventura	San Guillermo	170	145	Wagon Rd Canyon	50-L			poss all Eocene			
22831	Ventura	San Guillermo	170	148	Wagon Rd Canyon	50-L			poss all Eocene			
22832	Ventura	San Guillermo	170	149	Wagon Rd Canyon	50-L			poss all Eocene			
22833	Ventura	San Guillermo	170	182	Wagon Rd Canyon	50-L			poss all Eocene			
22834	Ventura	San Guillermo	170	183	Wagon Rd Canyon	50-L			poss all Eocene			
22835	Ventura	San Guillermo	170	184	Wagon Rd Canyon	50-L			poss all Eocene			
22836	Ventura	San Guillermo	170	185	Wagon Rd Canyon	50-L			poss all Eocene			
22837	Ventura	San Guillermo	170	186	Wagon Rd Canyon	50-L			poss all Eocene			
22838	Ventura	San Guillermo	170	187	Wagon Rd Canyon	50-L			poss all Eocene			
22839	Ventura	San Guillermo	170	189	Wagon Rd Canyon	50-L			poss all Eocene			
22840	Ventura	San Guillermo	170	190	Wagon Rd Canyon	50-L			poss all Eocene			
22841	Ventura	San Guillermo	170	191	Wagon Rd Canyon	50-L			poss all Eocene			
22842	Ventura	San Guillermo	170	196	Wagon Rd Canyon	50-L			poss all Eocene			
22843	Ventura	San Guillermo	170	201	Wagon Rd Canyon	50-L			poss all Eocene			
22844	Ventura	San Guillermo	170	215	Wagon Rd Canyon	50-L			poss all Eocene			
22845	Ventura	San Guillermo	170	216	Wagon Rd Canyon	50-L			poss all Eocene			
22846	Ventura	San Guillermo	170	217	Wagon Rd Canyon	50-L			poss all Eocene			
22847	Ventura	San Guillermo	170	218	Wagon Rd Canyon	50-L			poss all Eocene			
22848	Ventura	San Guillermo	170	219	Wagon Rd Canyon	50-L			poss all Eocene			
22849	Ventura	San Guillermo	170	221	Wagon Rd Canyon	50-L			poss all Eocene			
22850	San Benito	San Juan Bautista	7070		center of quad	91-F			not diagnostic	Kraetsch		
22851	San Benito	San Juan Bautista	7074		NC part of quad	91-F			not diagnostic	Kraetsch		
22852	San Benito	San Juan Bautista	7075		NC part of quad	91-F			not diagnostic	Kraetsch		
22853	Orange	San Juan Capistrano	1316		SE part of quad	24-A			no paleo info			
22854	Orange	San Juan Capistrano	1339		EC part of quad	24-A			no paleo info			
22855	Orange	San Juan Capistrano	1340		EC part of quad	24-A			no paleo info			
22856	Orange	San Juan Capistrano	1341		NE part of quad	24-A			no paleo info			
22857	Orange	San Juan Capistrano	1344		S Juan Capistrano	24-A			no paleo info			
22858	Orange	San Juan Capistrano	1351		S Juan Capistrano	24-A			no paleo info			
22859	Orange	San Juan Capistrano	1355		S Juan Capistrano	24-A			no paleo info			
22860	Orange	San Juan Capistrano	1357		S Juan Capistrano	24-A			no paleo info			
22861	Orange	San Juan Capistrano	1360		WC part of quad	24-A			no paleo info			
22862	Orange	San Juan Capistrano	1362		NW part of quad	61-J			no paleo info			
22863	Orange	San Juan Capistrano	1363		NW part of quad	61-J			no paleo info			
22864	Orange	San Juan Capistrano	1363		NW part of quad	74-C			no paleo info			
22865	Orange	San Juan Capistrano	1364		NW part of quad	74-C			no paleo info			

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1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
22866	Orange	San Juan Capistrano	5128	1	NW part of quad	44-1?			Luisian			
22867	Orange	San Juan Capistrano	5128	2	NW part of quad	44-1?			Luisian			
22868	Orange	San Juan Capistrano	5129		NW part of quad	45-N			Luisian			
22869	Orange	San Juan Capistrano	6017		SW corner of quad	49-N		Monterey	no paleo info	Weser		
22870	Orange	San Juan Capistrano	6023		SW corner of quad	49-N		Monterey	no paleo info	Weser		
22871	Monterey	San Lucas	23838	9	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
22872	Monterey	San Lucas	23838	10	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
22873	Monterey	San Lucas	23838	11	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
22874	Monterey	San Lucas	23838	12	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
22875	Monterey	San Lucas	23838	13	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
22876	Monterey	San Lucas	23838	14	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
22877	Monterey	San Lucas	23838	15	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
22878	Monterey	San Lucas	23838	16	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
22879	Monterey	San Lucas	23838	17	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
22880	Monterey	San Lucas	23838	18	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
22881	Monterey	San Lucas	23838	19	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
22882	Monterey	San Lucas	23838	20	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
22883	Monterey	San Lucas	23838	21	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
22884	Monterey	San Lucas	23838	22	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
22885	Monterey	San Lucas	23838	23	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
22886	Monterey	San Lucas	23838	24	Line I-52	189-L	King City 15'	SW part quad	? Delmontain			
22887	Monterey	San Lucas	23838	25	Line I-52	189-L	King City 15'	SW part quad	Upper Mohnian			
22888	Monterey	San Lucas	23838	26	Line I-52	189-L	King City 15'	SW part quad	Upper Mohnian			
22889	Monterey	San Lucas	23838	28	Line I-52	189-L	King City 15'	SW part quad	Upper Mohnian			
22890	Monterey	San Lucas	23838	29	Line I-52	189-L	King City 15'	SW part quad	Upper Mohnian			
22891	Monterey	San Lucas	23838	30	Line I-52	189-L	King City 15'	SW part quad	Upper Mohnian			
22892	Monterey	San Lucas	23838	31	Line I-52	189-L	King City 15'	SW part quad	Upper Mohnian			
22893	Monterey	San Lucas	23838	32	Line I-52	189-L	King City 15'	SW part quad	Upper Mohnian			
22894	Monterey	San Lucas	23838	33	Line I-52	189-L	King City 15'	SW part quad	Upper Mohnian			
22895	Merced	San Luis Dam	4815		East of dam	125-A			not diagnostic	Porter		
22896	Merced	San Luis Dam	4818		East of dam	125-A			not diagnostic	Porter		
22897	Merced	San Luis Dam	4823		SE part of quad	125-A		strat column	Cretaceous	Porter		
22898	Merced	San Luis Dam	4840		O'Neill Dam	125-A			no paleo info	Porter		
22899	Merced	San Luis Dam	11471	1	N of S Luis Ranch	177-M	Pacheco Pass 15'		no paleo info	Reber		
22900	Merced	San Luis Dam	11471	2	N of S Luis Ranch	177-M	Pacheco Pass 15'		no paleo info	Reber		
22901	Merced	San Luis Dam	11471	3	N of S Luis Ranch	177-M	Pacheco Pass 15'		no paleo info	Reber		
22902	Merced	San Luis Dam	11471	4	N of S Luis Ranch	177-M	Pacheco Pass 15'		no paleo info	Reber		
22903	Merced	San Luis Dam	11471	6	N of S Luis Ranch	177-M	Pacheco Pass 15'		no paleo info	Reber		
22904	Merced	San Luis Dam	11471	7	N of S Luis Ranch	177-M	Pacheco Pass 15'		no paleo info	Reber		
22905	Merced	San Luis Dam	11471	8	N of S Luis Ranch	177-M	Pacheco Pass 15'		no paleo info	Reber		
22906	Merced	San Luis Dam	11471	9	N of S Luis Ranch	177-M	Pacheco Pass 15'		no paleo info	Reber		
22907	Merced	San Luis Dam	11770	1	Basalt Hill	71-F			no paleo info	Reber		
22908	Merced	San Luis Dam	11770	3	Basalt Hill	71-F		Area H-9	no paleo info	Reber		
22909	Merced	San Luis Dam	11770	4	Basalt Hill	71-F			no paleo info	Reber		
22910	Merced	San Luis Dam	11770	5	Basalt Hill	71-F			no paleo info	Reber		
22911	Merced	San Luis Dam	11770	6	Basalt Hill	71-F			no paleo info	Reber		
22912	Merced	San Luis Dam	11777	3	SE part of quad	44-C	Pacheco Pass 15'	Area H-9	no paleo info	Reber		
22913	Merced	San Luis Dam	11777	6	SE part of quad	44-C	Pacheco Pass 15'		no paleo info	Reber		
22914	Merced	San Luis Dam	11777	7	SE part of quad	44-C	Pacheco Pass 15'		no paleo info	Reber		
22915	Merced	San Luis Dam	11777	8	SE part of quad	44-C	Pacheco Pass 15'		no paleo info	Reber		
22916	Merced	San Luis Dam	11777	9	SE part of quad	44-C	Pacheco Pass 15'		no paleo info	Reber		
22917	Merced	San Luis Dam	21482	14	At San Luis Dam	222-G			no paleo info	Berry		
22918	Merced	San Luis Dam	21482	15	At San Luis Dam	222-G			no paleo info	Berry		
22919	Merced	San Luis Dam	21482	16	At San Luis Dam	222-G			no paleo info	Berry		
22920	Merced	San Luis Dam	21482	18	At San Luis Dam	222-G			no paleo info	Berry		
22921	Merced	San Luis Dam	21482	19A	At San Luis Dam	222-G			no paleo info	Berry		
22922	Merced	San Luis Dam	21482	19B	At San Luis Dam	222-G			no paleo info	Berry		
22923	Merced	San Luis Dam	21482	20	At San Luis Dam	222-G			no paleo info	Berry		
22924	Merced	San Luis Dam	21482	21	At San Luis Dam	222-G			no paleo info	Berry		
22925	Merced	San Luis Dam	21482	22	At San Luis Dam	222-G			no paleo info	Berry		
22926	Merced	San Luis Dam	21482	23A	At San Luis Dam	222-G			no paleo info	Berry		
22927	Merced	San Luis Dam	21482	23B	At San Luis Dam	222-G			no paleo info	Berry		
22928	Merced	San Luis Dam	21483	1	At San Luis Dam	222-G			no paleo info	Berry		
22929	Merced	San Luis Dam	21483	2	At San Luis Dam	222-G			no paleo info	Berry		
22930	Merced	San Luis Dam	21483	3	At San Luis Dam	222-G			no paleo info	Berry		
22931	San Luis Obispo	San Luis Obispo	11033		NE part of quad	79-H	S Luis Obispo 15'		Miocene	Kraetsch		
22932	San Luis Obispo	San Luis Obispo	11048		S of Cuesta Pass	79-I			Lower Miocene	Kraetsch		
22933	San Luis Obispo	San Luis Obispo	11605		center of quad	79-J	S Luis Obispo 15'	rubber casts	prob Zemorrian	Kraetsch		
22934	San Luis Obispo	San Luis Obispo	11606		center of quad	79-J	S Luis Obispo 15'		Zemorrian	Kraetsch		
22935	San Luis Obispo	San Luis Obispo	11615		E of Serrano	79-J	S Luis Obispo 15'		Zemorrian	Kraetsch		
22936	San Diego	San Luis Rey	486	1	SE part of quad	82-J	mounted slides		no paleo info			
22937	San Diego	San Luis Rey	486	2	SE part of quad	82-J	and dupes. Nice		no paleo info			
22938	San Diego	San Luis Rey	486	3	SE part of quad	82-J	faunas.		no paleo info			
22939	San Diego	San Luis Rey	486	4	SE part of quad	82-J			no paleo info			
22940	San Diego	San Luis Rey	486	5	SE part of quad	82-J			no paleo info			
22941	San Diego	San Luis Rey	486	6	SE part of quad	82-J			no paleo info			
22942	San Diego	San Luis Rey	486	7	SE part of quad	82-J			no paleo info			
22943	San Diego	San Luis Rey	486	8	SE part of quad	82-J			no paleo info			
22944	San Diego	San Luis Rey	486	9	SE part of quad	82-J			no paleo info			
22945	San Diego	San Luis Rey	3815		El Camino Real	81-J			no paleo info			
22946	San Diego	San Luis Rey	3816		SE corner quad	81-I			no paleo info			
22947	San Diego	San Luis Rey	6436		SE corner of quad	53-M			no paleo info			
22948	Santa Barbara	San Marcos Pass	47	1	NE part of quad	68-C	Nipomo 15'		no paleo info			
22949	Santa Barbara	San Marcos Pass	47	2	NE part of quad	68-C	Nipomo 15'		no paleo info			
22950	Santa Barbara	San Marcos Pass	47	3	NE part of quad	68-C	Nipomo 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	ZONE/SERIES/AGI	COLLECTORS		
22951	Santa Barbara	San Marcos Pass	47	4	NE part of quad	68-C	Nipomo 15'		no paleo info			
22952	Santa Barbara	San Marcos Pass	47	5	NE part of quad	68-C	Nipomo 15'		no paleo info			
22953	Santa Barbara	San Marcos Pass	240	1	Oso Canyon	68-G	Very nice faunas		Middle Eocene			
22954	Santa Barbara	San Marcos Pass	240	2	Oso Canyon	68-G	with planktics		Middle Eocene			
22955	Santa Barbara	San Marcos Pass	240	3	Oso Canyon	68-G			Middle Eocene			
22956	Santa Barbara	San Marcos Pass	240	4	Oso Canyon	68-G			Middle Eocene			
22957	Santa Barbara	San Marcos Pass	240	4A	Oso Canyon	68-G			Middle Eocene			
22958	Santa Barbara	San Marcos Pass	240	5	Oso Canyon	68-G			Middle Eocene			
22959	Santa Barbara	San Marcos Pass	240	6	Oso Canyon	68-G			Middle Eocene			
22960	Santa Barbara	San Marcos Pass	240	10	Oso Canyon	68-G			Middle Eocene			
22961	Santa Barbara	San Marcos Pass	240	11	Oso Canyon	68-G			Middle Eocene			
22962	Santa Barbara	San Marcos Pass	240	12	Oso Canyon	68-G			Middle Eocene			
22963	Santa Barbara	San Marcos Pass	240	13	Oso Canyon	68-G			Middle Eocene			
22964	Santa Barbara	San Marcos Pass	240	14	Oso Canyon	68-G			Middle Eocene			
22965	Santa Barbara	San Marcos Pass	240	15	Oso Canyon	68-G			Middle Eocene			
22966	Santa Barbara	San Marcos Pass	240	16	Oso Canyon	68-G			Middle Eocene			
22967	Santa Barbara	San Marcos Pass	240	17	Oso Canyon	68-G			Middle Eocene			
22968	Santa Barbara	San Marcos Pass	240	18	Oso Canyon	68-G			Middle Eocene			
22969	Santa Barbara	San Marcos Pass	240	19	Oso Canyon	68-G			Middle Eocene			
22970	Santa Barbara	San Marcos Pass	240	20	Oso Canyon	68-G			Middle Eocene			
22971	Santa Barbara	San Marcos Pass	240	21	Oso Canyon	68-G			Middle Eocene			
22972	Santa Barbara	San Marcos Pass	240	22	Oso Canyon	68-G			Middle Eocene			
22973	Santa Barbara	San Marcos Pass	240	23	Oso Canyon	68-G			Middle Eocene			
22974	Santa Barbara	San Marcos Pass	240	24	Oso Canyon	68-G			Middle Eocene			
22975	Santa Barbara	San Marcos Pass	240	25	Oso Canyon	68-G			Middle Eocene			
22976	Santa Barbara	San Marcos Pass	240	26	Oso Canyon	68-G			Middle Eocene			
22977	Santa Barbara	San Marcos Pass	241	1	Oso Canyon	68-G	Have strat column		Middle Eocene			
22978	Santa Barbara	San Marcos Pass	241	2	Oso Canyon	68-G			Middle Eocene			
22979	Santa Barbara	San Marcos Pass	241	3	Oso Canyon	68-G			Middle Eocene			
22980	Santa Barbara	San Marcos Pass	241	4	Oso Canyon	68-G			Middle Eocene			
22981	Santa Barbara	San Marcos Pass	241	5	Oso Canyon	68-G			Middle Eocene			
22982	Santa Barbara	San Marcos Pass	241	6	Oso Canyon	68-G			Middle Eocene			
22983	Santa Barbara	San Marcos Pass	241	7	Oso Canyon	68-G			Middle Eocene			
22984	Santa Barbara	San Marcos Pass	241	8	Oso Canyon	68-G			Middle Eocene			
22985	Santa Barbara	San Marcos Pass	241	9	Oso Canyon	68-G			Middle Eocene			
22986	Santa Barbara	San Marcos Pass	241	10	Oso Canyon	68-G			Middle Eocene			
22987	Santa Barbara	San Marcos Pass	241	11	Oso Canyon	68-G			Middle Eocene			
22988	Santa Barbara	San Marcos Pass	242	1	Oso Canyon	26-K		Have strat	Eocene			
22989	Santa Barbara	San Marcos Pass	242	2	Oso Canyon	26-K		column	Eocene			
22990	Santa Barbara	San Marcos Pass	242	3	Oso Canyon	26-K			Eocene			
22991	Santa Barbara	San Marcos Pass	242	4	Oso Canyon	26-K			Eocene			
22992	Santa Barbara	San Marcos Pass	242	5	Oso Canyon	26-K			barren			
22993	Santa Barbara	San Marcos Pass	269	2	SE part of quad	11-J	strat column		Middle Eocene			
22994	Santa Barbara	San Marcos Pass	269	3	SE part of quad	11-J	strat column		Middle Eocene			
22995	Santa Barbara	San Marcos Pass	269	4	SE part of quad	11-J	strat column		Middle Eocene			
22996	Santa Barbara	San Marcos Pass	269	5	SE part of quad	11-J	strat column		Middle Eocene			
22997	Santa Barbara	San Marcos Pass	269	6	SE part of quad	11-J	strat column		Middle Eocene			
22998	Santa Barbara	San Marcos Pass	269	7	SE part of quad	11-J	strat column		Middle Eocene			
22999	Santa Barbara	San Marcos Pass	269	10	SE part of quad	11-J	strat column		Middle Eocene			
23000	Santa Barbara	San Marcos Pass	269	11	SE part of quad	11-J	strat column		Middle Eocene			
23001	Santa Barbara?	San Marcos Pass	270	2	Camino Cielo	11-J			no paleo info			
23002	Santa Barbara?	San Marcos Pass	270	5	Camino Cielo	11-J			no paleo info			
23003	Santa Barbara	San Marcos Pass	396	1	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
23004	Santa Barbara	San Marcos Pass	396	2	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
23005	Santa Barbara	San Marcos Pass	396	3	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
23006	Santa Barbara	San Marcos Pass	396	4	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
23007	Santa Barbara	San Marcos Pass	396	5	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
23008	Santa Barbara	San Marcos Pass	396	6	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
23009	Santa Barbara	San Marcos Pass	396	7	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
23010	Santa Barbara	San Marcos Pass	396	8	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
23011	Santa Barbara	San Marcos Pass	396	9	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
23012	Santa Barbara	San Marcos Pass	396	10	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
23013	Santa Barbara	San Marcos Pass	396	11	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
23014	Santa Barbara	San Marcos Pass	396	12	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
23015	Santa Barbara	San Marcos Pass	396	13	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
23016	Santa Barbara	San Marcos Pass	396	14	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
23017	Santa Barbara	San Marcos Pass	396	15	Red Rock Canyon	56-K		Juncal Fm	Eocene	RJN		
23018	Santa Barbara	San Marcos Pass	2057	A	EC part of quad	69-G	S. Rafael Mtn 15'		Upper Relizian			
23019	Santa Barbara	San Marcos Pass	2057	B	EC part of quad	69-G	S. Rafael Mtn 15'		Upper Relizian			
23020	Santa Barbara	San Marcos Pass	3658		Oso Canyon	69-J			Upper Eocene	Kraetsch		
23021	Santa Barbara	San Marcos Pass	3680		Buro Road	69-J			prob Eocene	Kraetsch		
23022	Santa Barbara	San Marcos Pass	3681		Los Prieto Boys C	69-J			Relizian	Kraetsch		
23023	Santa Barbara	San Marcos Pass	3908		EC S Ynez River	164-J			Relizian			
23024	Santa Barbara	San Marcos Pass	4884	7	not on map	26-I		strat column	Refugian			
23025	Santa Barbara	San Marcos Pass	4884	13	not on map	26-I		strat column	Refugian			
23026	Santa Barbara	San Marcos Pass	4884	18	not on map	26-I			Refugian			
23027	Santa Barbara	San Marcos Pass	5501	1	Upper Oso Camp	26-I			Eocene			
23028	Santa Barbara	San Marcos Pass	5501	2	Upper Oso Camp	26-I			Eocene			
23029	Santa Barbara	San Marcos Pass	5503	1	Los Prietos Boy C	26-I			Relizian			
23030	Santa Barbara	San Marcos Pass	5907		San Marcos Ranch	11-J			Eocene			
23031	Santa Barbara	San Marcos Pass	5908		San Marcos Ranch	11-J			Eocene			
23032	Santa Barbara	San Marcos Pass	5908	A	San Marcos Ranch	60-M			Eocene			
23033	Santa Barbara	San Marcos Pass	5908	B	San Marcos Ranch	60-M			Eocene			
23034	Santa Barbara	San Marcos Pass	6671		SE corner of quad	60-M			Eocene			
23035	Santa Barbara	San Marcos Pass	11397	1	center of quad	250-B	S Rafael Mtn 15'	slides say	not diagnostic	Owens		

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		
23036	Santa Barbara	San Marcos Pass	11397	2	center of quad	250-B	S Rafael Mtn 15'	Dagney Gap	not diagnostic	Owens		
23037	Santa Barbara	San Marcos Pass	11397	3	center of quad	250-B	S Rafael Mtn 15'	slides say	not diagnostic	Owens		
23038	Santa Barbara	San Marcos Pass	11397	4	center of quad	250-B	S Rafael Mtn 15'	Dagney Gap	not diagnostic	Owens		
23039	Santa Barbara	San Marcos Pass	11461		NE of Loma Alta	79-J			Relizian	Kraetsch		
23040	Santa Barbara	San Marcos Pass	11462		NE of Loma Alta	79-J			Luisian	Kraetsch		
23041	Santa Barbara	San Marcos Pass	11463		Los Prietos Camp	79-J			Saucesian	Kraetsch		
23042	Santa Barbara	San Marcos Pass	11601		San Marcos Ranch	79-J			Eocene	Kraetsch		
23043	Santa Barbara	San Marcos Pass	11602		Oso Canyon	79-J			Luisian	Kraetsch		
23044	Santa Barbara	San Marcos Pass	11603		Oso Canyon	79-J			Lower Mohnian	Kraetsch		
23045	Santa Barbara	San Marcos Pass	11604		Oso Canyon	79-J			Lower Mohnian	Kraetsch		
23046	Santa Barbara	San Marcos Pass?	2058	A	not on map	69-G	S. Rafael Mtn 15'		Luisian	Zeni		
23047	Santa Barbara	San Marcos Pass?	2058	B	not on map	69-G	S. Rafael Mtn 15'		Luisian	Zeni		
23048	Santa Barbara	San Marcos Pass	11618		center of quad	79-K			not diagnostic	Kraetsch		
23049	San Mateo	San Mateo	1480	1	no map provided	76-N	25/4S/5W (SLP)		Eocene			
23050	San Mateo	San Mateo	1480	2	no map provided	76-N	25/4S/5W (SLP)		Eocene			
23051	San Mateo	San Mateo	1480	3	no map provided	76-N	25/4S/5W (SLP)		Eocene			
23052	San Mateo	San Mateo	1480	4	no map provided	76-N	25/4S/5W (SLP)		Eocene			
23053	San Mateo	San Mateo	7368		not on map	147-B	16/4S/4W		Lower Miocene	Kraetsch		
23054	Santa Barbara	San Miguel Island Eas	259	1	Cuyler Harbor area	34-N			Upper Eocene			
23055	Santa Barbara	San Miguel Island Eas	259	4	Cuyler Harbor area	34-N			barren			
23056	Santa Barbara	San Miguel Island Eas	259	6	Cuyler Harbor area	34-N			Upper Eocene			
23057	Santa Barbara	San Miguel Island Eas	259	7	Cuyler Harbor area	34-N			Upper Eocene			
23058	Santa Barbara	San Miguel Island Eas	259	8	Cuyler Harbor area	34-N			Upper Eocene			
23059	Santa Barbara	San Miguel Island Eas	259	9	Cuyler Harbor area	34-N			Upper Eocene			
23060	Santa Barbara	San Miguel Island Eas	259	10	Cuyler Harbor area	34-N			Upper Eocene			
23061	Santa Barbara	San Miguel Island Eas	259	11	Cuyler Harbor area	34-N			Upper Eocene			
23062	Santa Barbara	San Miguel Island Eas	611	1	S of Bay Point	45-F	Have strat column		Relizian	Bremner		
23063	Santa Barbara	San Miguel Island Eas	611	2	S of Bay Point	45-F	and foram check		Relizian	Bremner		
23064	Santa Barbara	San Miguel Island Eas	611	5	S of Bay Point	45-F	list. Also nanno-		Relizian	Bremner		
23065	Santa Barbara	San Miguel Island Eas	611	10	Cuyler Harbor	45-F	plankton lists		Eocene	Bremner		
23066	Santa Barbara	San Miguel Island Eas	611	11	Cuyler Harbor	45-F	see # 9279		Eocene	Bremner		
23067	Santa Barbara	San Miguel Island Eas	611	18	Cuyler Harbor	45-F			Eocene	Bremner		
23068	Santa Barbara	San Miguel Island Eas	611	19	Cuyler Harbor	45-F			Eocene	Bremner		
23069	Santa Barbara	San Miguel Island Eas	611	24	Crook Point	45-F			Middle Eocene	Bremner		
23070	Santa Barbara	San Miguel Island Eas	611	27	W of Crook Point	45-F			Lower Eocene	Bremner		
23071	Santa Barbara	San Miguel Island Eas	611	29	W of Crook Point	45-F			Lower Eocene	Bremner		
23072	Santa Barbara	San Miguel Island Eas	611	39	Cuyler Harbor	45-F			Eocene	Bremner		
23073	Santa Barbara	San Miguel Island Eas	613	34	W of Crook Point	82-L			not diagnostic			
23074	Santa Barbara	San Miguel Island Eas	613	35	W of Crook Point	82-L			not diagnostic			
23075	Santa Barbara	San Miguel Island Eas	613	38	W of Crook Point	82-L	L Eocene nannos		Lower Eocene			
23076	Santa Barbara	San Miguel Island Eas	613	39	W of Crook Point	82-L	L Eocene nannos		Lower Eocene			
23077	Santa Barbara	San Miguel Island Eas	613	41	W of Crook Point	82-L	L Eocene nannos		Lower Eocene			
23078	Santa Barbara	San Miguel Island Eas	613	42	W of Crook Point	82-L	L Eocene nannos		Lower Eocene			
23079	Santa Barbara	San Miguel Island Eas	613	43	W of Crook Point	82-L			not diagnostic			
23080	Santa Barbara	San Miguel Island Eas	613	45	W of Crook Point	82-L			not diagnostic			
23081	Santa Barbara	San Miguel Island Eas	613	46	Crook Point	82-L			not diagnostic			
23082	Santa Barbara	San Miguel Island Eas	613	48	Crook Point	82-L			not diagnostic			
23083	Santa Barbara	San Miguel Island Eas	4938		NE of Crook Point	26-I			Saucesian?			
23084	Santa Barbara	San Miguel Island Eas	4941		NE of Crook Point	26-I			not diagnostic			
23085	Santa Barbara	San Miguel Island Eas	4943	1	S of Bay Point	26-I			Middle Miocene			
23086	Santa Barbara	San Miguel Island Eas	4943	2	S of Bay Point	26-I			Middle Miocene			
23087	Santa Barbara	San Miguel Island Eas	7094		Harris Point	73-B			no paleo info			
23088	Santa Barbara	San Miguel Island Eas	7388		Cuyler Harbor	82-I		have NP list	Upper Eocene			
23089	Santa Barbara	San Miguel Island Eas	7389	A	Cuyler Harbor	82-I		have NP list	Upper Eocene			
23090	Santa Barbara	San Miguel Island Eas	7389	B	Cuyler Harbor	82-I		have NP list	Upper Eocene			
23091	Santa Barbara	San Miguel Island Eas	7390		Cuyler Harbor	82-I			prob Eocene	Kraetsch		
23092	Santa Barbara	San Miguel Island Eas	7391		Cuyler Harbor	82-I			prob Eocene			
23093	Santa Barbara	San Miguel Island Eas	9115		SW of Bay Point	85-F			no paleo info			
23094	Santa Barbara	San Miguel Island Eas	9123		SW of Bay Point	85-F			no paleo info			
23095	Santa Barbara	San Miguel Island Eas	9125		SW of Bay Point	85-F			no paleo info			
23096	Santa Barbara	San Miguel Island Eas	9279	64	San Miguel Island	83-M			Upper Cretaceous			
23097	Santa Barbara	San Miguel Island Eas	9279	65	San Miguel Island	83-M			Upper Cretaceous			
23098	Santa Barbara	San Miguel Island Eas	9279	66	San Miguel Island	83-M			Upper Cretaceous			
23099	Santa Barbara	San Miguel Island Eas	9279	67	San Miguel Island	83-M			Upper Cretaceous			
23100	Santa Barbara	San Miguel Island Eas	9279	68	San Miguel Island	83-M			Upper Cretaceous			
23101	Santa Barbara	San Miguel Island Eas	9279	69	San Miguel Island	83-M			Upper Cretaceous			
23102	Santa Barbara	San Miguel Island Eas	9279	70	San Miguel Island	83-M			Upper Cretaceous			
23103	Santa Barbara	San Miguel Island Eas	9279	72	San Miguel Island	83-M			Upper Cretaceous			
23104	Santa Barbara	San Miguel Island Eas	9279	73	San Miguel Island	83-M			Upper Cretaceous			
23105	Santa Barbara	San Miguel Island Eas	9279	76	San Miguel Island	83-M			Upper Cretaceous			
23106	Santa Barbara	San Miguel Island Eas	9279	77	San Miguel Island	83-M			Upper Cretaceous			
23107	Santa Barbara	San Miguel Island Eas	9279	77	San Miguel Island	83-M			Upper Cretaceous			
23108	Santa Barbara	San Miguel Island Eas	9279	78	San Miguel Island	83-M			Upper Cretaceous			
23109	Santa Barbara	San Miguel Island Eas	9279	79	San Miguel Island	83-M			Upper Cretaceous			
23110	Santa Barbara	San Miguel Island Eas	9279	80	San Miguel Island	83-M			Upper Cretaceous			
23111	Santa Barbara	San Miguel Island Eas	9279	81	San Miguel Island	83-M			Upper Cretaceous			
23112	Santa Barbara	San Miguel Island Eas	9279	82	San Miguel Island	83-M			Upper Cretaceous			
23113	Santa Barbara	San Miguel Island Eas	9279	83	San Miguel Island	83-M			Upper Cretaceous			
23114	Santa Barbara	San Miguel Island Eas	9279	84	San Miguel Island	83-M			Upper Cretaceous			
23115	Santa Barbara	San Miguel Island Eas	9279	95	San Miguel Island	83-M			Upper Cretaceous			
23116	Santa Barbara	San Miguel Island Eas	9279	86	San Miguel Island	83-M			Upper Cretaceous			
23117	Santa Barbara	San Miguel Island Eas	9279	87	San Miguel Island	83-M			Upper Cretaceous			
23118	Santa Barbara	San Miguel Island Eas	9279	88	San Miguel Island	83-M			Upper Cretaceous			
23119	Santa Barbara	San Miguel Island Eas	9279	89	San Miguel Island	83-M			Upper Cretaceous			
23120	Santa Barbara	San Miguel Island Eas	9279	90	San Miguel Island	83-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	ONE/SERIES/AGI	COLLECTORS		
23121	Santa Barbara	San Miguel Island Eas	9279	91	San Miguel Island	83-M						no paleo info
23122	Santa Barbara	San Miguel Island Eas	9279	92	San Miguel Island	83-M						Eocene
23123	Santa Barbara	San Miguel Island Eas	9279	93	San Miguel Island	83-M						no paleo info
23124	Santa Barbara	San Miguel Island Eas	9279	94	San Miguel Island	83-M						no paleo info
23125	Santa Barbara	San Miguel Island Eas	9279	95	San Miguel Island	83-M						no paleo info
23126	Santa Barbara	San Miguel Island Eas	9279	96	San Miguel Island	83-M						no paleo info
23127	Santa Barbara	San Miguel Island Eas	9279	97	San Miguel Island	83-M						no paleo info
23128	Santa Barbara	San Miguel Island Eas	9279	98	San Miguel Island	83-M						no paleo info
23129	Santa Barbara	San Miguel Island Eas	9279	99	San Miguel Island	83-M						no paleo info
23130	Santa Barbara	San Miguel Island Eas	9279	100	San Miguel Island	83-M						no paleo info
23131	Santa Barbara	San Miguel Island Eas	9279	103	San Miguel Island	102-G						no paleo info
23132	Santa Barbara	San Miguel Island Eas	9279	104	San Miguel Island	102-G						no paleo info
23133	Santa Barbara	San Miguel Island Eas	9279	105	San Miguel Island	102-G						no paleo info
23134	Santa Barbara	San Miguel Island Eas	9279	109	San Miguel Island	102-G	field age not paleo	(probably)				Miocene?
23135	Santa Barbara	San Miguel Island Eas	9279	118	San Miguel Island	102-G	field age not paleo	(probably)				Miocene
23136	Santa Barbara	San Miguel Island Eas	9279	119	San Miguel Island	102-G	field age not paleo	(probably)				Miocene
23137	Santa Barbara	San Miguel Island Eas	9279	120	San Miguel Island	102-G	field age not paleo	(probably)				Miocene
23138	Santa Barbara	San Miguel Island Eas	9279	121	San Miguel Island	102-G	field age not paleo	(probably)				Miocene
23139	Santa Barbara	San Miguel Island Eas	9279	122	San Miguel Island	102-G	field age not paleo	(probably)				Miocene
23140	Santa Barbara	San Miguel Island Eas	9279	123	San Miguel Island	102-G	field age not paleo	(probably)				Miocene
23141	Santa Barbara	San Miguel Island Eas	9279	124	San Miguel Island	102-G	field age not paleo	(probably)				Miocene
23142	Santa Barbara	San Miguel Island Eas	9279	125	San Miguel Island	102-G	field age not paleo	(probably)				Miocene
23143	Santa Barbara	San Miguel Island Eas	9279	126	San Miguel Island	102-G	field age not paleo	(probably)				Miocene
23144	Santa Barbara	San Miguel Island Eas	9279	127	San Miguel Island	102-G	field age not paleo	(probably)				Miocene
23145	Santa Barbara	San Miguel Island Eas	9279	128	San Miguel Island	102-G	field age not paleo	(probably)				Miocene
23146	Santa Barbara	San Miguel Island Eas	9279	129	San Miguel Island	102-G	field age not paleo	(probably)				Miocene
23147	Santa Barbara	San Miguel Island Eas	9279	130	San Miguel Island	102-G	field age not paleo	(probably)				Eocene or Miocene
23148	Santa Barbara	San Miguel Island Eas	9279	131	San Miguel Island	102-G	field age not paleo	(probably)				Eocene or Miocene
23149	Santa Barbara	San Miguel Island Eas	9279	132	San Miguel Island	102-G	field age not paleo	(probably)				Miocene
23150	Santa Barbara	San Miguel Island Eas	9279	133	San Miguel Island	102-G	field age not paleo	(probably)				Miocene
23151	Santa Barbara	San Miguel Island Eas	9279	134	San Miguel Island	102-G	field age not paleo	(probably)				Miocene
23152	Santa Barbara	San Miguel Island Eas	9279	135	San Miguel Island	102-G	field age not paleo	(probably)				Eocene or Miocene
23153	Santa Barbara	San Miguel Island Eas	9279	136	San Miguel Island	102-G	field age not paleo	(probably)				Eocene or Miocene
23154	Santa Barbara	San Miguel Island Eas	9279	136A	San Miguel Island	102-G	field age not paleo	(probably)				Eocene or Miocene
23155	Santa Barbara	San Miguel Island Eas	9279	137	San Miguel Island	102-G	field age not paleo	(probably)				Miocene
23156	Santa Barbara	San Miguel Island Ws	9279	140	San Miguel Island	102-G	field age not paleo	(probably)				Cretaceous?
23157	Santa Barbara	San Miguel Island Ws	9279	141	San Miguel Island	102-G	field age not paleo	(probably)				Eocene or Cret
23158	Santa Barbara	San Miguel Island Ws	9279	142	San Miguel Island	102-G	field age not paleo	(probably)				Eocene?
23159	Santa Barbara	San Miguel Island Ws	9279	143	San Miguel Island	102-G	field age not paleo	(probably)				Eocene?
23160	Santa Barbara	San Miguel Island Ws	9279	143A	San Miguel Island	102-G	field age not paleo	(probably)				Eocene or Cret
23161	Santa Barbara	San Miguel Island Ws	9279	144	San Miguel Island	102-G	field age not paleo	(probably)				Cretaceous?
23162	Santa Barbara	San Miguel Island Ws	9279	145	San Miguel Island	102-G	field age not paleo	(probably)				Cretaceous?
23163	Santa Barbara	San Miguel Island Ws	123	*4-67	EC part of quad	none	have strat column					Upper Eocene
23164	Santa Barbara	San Miguel Island Ws	123	*6-47	Tyler Bight	none	filed #9279					Kennett
23165	Santa Barbara	San Miguel Island Ws	123	*7-47	Point Bennett	none						? Cretaceous
23166	Santa Barbara	San Miguel Island Ws	123	*8-47	N of Adams Cove	none						? Cretaceous
23167	Santa Barbara	San Miguel Island Ws	123	*9-47	EC part of quad	none						? Cretaceous
23168	Santa Barbara	San Miguel Island Ws	123	*10-47	SE of Castle Rock	none						? Cretaceous
23169	Santa Barbara	San Miguel Island Ws	260	1	Simonton Cove	34-N	have strat column					Lower Eocene
23170	Santa Barbara	San Miguel Island Ws	260	2	Simonton Cove	34-N	filed # 9279					Lower Eocene
23171	Santa Barbara	San Miguel Island Ws	260	3	Simonton Cove	34-N						Lower Eocene
23172	Santa Barbara	San Miguel Island Ws	260	4	Simonton Cove	34-N						Lower Eocene
23173	Santa Barbara	San Miguel Island Ws	260	5	Simonton Cove	34-N						Lower Eocene
23174	Santa Barbara	San Miguel Island Ws	260	6	Simonton Cove	34-N						Lower Eocene
23175	Santa Barbara	San Miguel Island Ws	260	7	Simonton Cove	34-N						Lower Eocene
23176	Santa Barbara	San Miguel Island Ws	260	8	Simonton Cove	34-N						Lower Eocene
23177	Santa Barbara	San Miguel Island Ws	260	9	Simonton Cove	34-N						Lower Eocene
23178	Santa Barbara	San Miguel Island Ws	260	10	Simonton Cove	34-N						Lower Eocene
23179	Santa Barbara	San Miguel Island Ws	260	11	Simonton Cove	34-N						Lower Eocene
23180	Santa Barbara	San Miguel Island Ws	260	12	Simonton Cove	34-N						Lower Eocene
23181	Santa Barbara	San Miguel Island Ws	260	13	Simonton Cove	34-N						Lower Eocene
23182	Santa Barbara	San Miguel Island Ws	611	36	Simonton cove	45-F						not diagnostic
23183	Santa Barbara	San Miguel Island Ws	611	37	Simonton cove	45-F						Bremner
23184	Santa Barbara	San Miguel Island Ws	612	6	Simonton Cove	82-J	U Cret nannos					U Cret E zone
23185	Santa Barbara	San Miguel Island Ws	612	7	Simonton Cove	82-J	U Cret nannos					U Cret E zone
23186	Santa Barbara	San Miguel Island Ws	612	9	Simonton Cove	82-J	Cretaceous nannos					Upper Cretaceous
23187	Santa Barbara	San Miguel Island Ws	612	10	Simonton Cove	82-J						U Cret D-2 zone
23188	Santa Barbara	San Miguel Island Ws	612	11	Simonton Cove	82-J						U Cret D/E zones
23189	Santa Barbara	San Miguel Island Ws	612	23	SE of Castle Rock	82-J	foram ages in					Cretaceous
23190	Santa Barbara	San Miguel Island Ws	612	24	SE of Castle Rock	82-J	conflict with a					not diagnostic
23191	Santa Barbara	San Miguel Island Ws	612	27	SE of Castle Rock	82-J	second strat					Cretaceous
23192	Santa Barbara	San Miguel Island Ws	612	28	SE of Castle Rock	82-J	column					Cretaceous
23193	Santa Barbara	San Miguel Island Ws	612	29	SE of Castle Rock	82-J						Cretaceous
23194	Santa Barbara	San Miguel Island Ws	612	33	SE of Castle Rock	82-J	U Cret nannos					Cretaceous
23195	Santa Barbara	San Miguel Island Ws	612	42	SE of Castle Rock	82-J						not diagnostic
23196	Santa Barbara	San Miguel Island Ws	612	44	SE of Castle Rock	82-J	U Cret nannos					Upper Cretaceous
23197	Santa Barbara	San Miguel Island Ws	612	45	SE of Castle Rock	82-J						contaminated
23198	Santa Barbara	San Miguel Island Ws	612	47	SE of Castle Rock	82-J						contaminated?
23199	Santa Barbara	San Miguel Island Ws	612	48	SE of Castle Rock	82-J						Inoceramus
23200	Santa Barbara	San Miguel Island Ws	612	49	SE of Castle Rock	82-J						not diagnostic
23201	Santa Barbara	San Miguel Island Ws	612	52	SE of Castle Rock	82-J						not diagnostic
23202	Santa Barbara	San Miguel Island Ws	612	54	SE of Castle Rock	82-J						not diagnostic
23203	Santa Barbara	San Miguel Island Ws	612	56	SE of Castle Rock	82-J						not diagnostic
23204	Santa Barbara	San Miguel Island Ws	612	64	N of Adams Cove	82-J						not diagnostic
23205	Santa Barbara	San Miguel Island Ws	612	66	N of Adams Cove	82-J						not diagnostic

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
23206	Santa Barbara	San Miguel Island Wet	612	77	N of Adams Cove	82-J			contaminated			
23207	Santa Barbara	San Miguel Island Wet	612	78	N of Adams Cove	82-J			contaminated			
23208	Santa Barbara	San Miguel Island Wet	613	2	Adams Cove	82-L	U Cret nannos		contaminated			
23209	Santa Barbara	San Miguel Island Wet	613	7	E of Adams Cove	82-L			not diagnostic			
23210	Santa Barbara	San Miguel Island Wet	613	14	Judith Rock	82-L			not diagnostic			
23211	Santa Barbara	San Miguel Island Wet	613	18A	Tyler Bight	82-L			not diagnostic			
23212	Santa Barbara	San Miguel Island Wet	613	20	Tyler Bight	82-L	U Cret nannos		Upper Cretaceous			
23213	Santa Barbara	San Miguel Island Wet	613	32	EC part of quad	82-L	L Eocene nannos		Lower Eocene			
23214	Santa Barbara	San Miguel Island Wet	613	33	EC part of quad	82-L			not diagnostic			
23215	Santa Barbara	San Miguel Island Wet	9083		SE of Green Mtn	85-J		NP age	Lower Eocene			
23216	Santa Barbara	San Miguel Island Wet	9084		SE of Green Mtn	85-J		NP age	Lower Eocene			
23217	Santa Barbara	San Miguel Island Wet	9085		SE of Green Mtn	85-J		NP age	Lower Eocene			
23218	Santa Barbara	San Miguel Island Wet	9086		SE of Green Mtn	85-J		NP age	Lower Eocene			
23219	Santa Barbara	San Miguel Island Wet	9087		SE of Green Mtn	85-J		NP age	Lower Eocene			
23220	Santa Barbara	San Miguel Island Wet	9279	1	San Miguel Island	83-L	strat column	provides ages	Paleocene			
23221	Santa Barbara	San Miguel Island Wet	9279	4	San Miguel Island	83-L			Paleocene			
23222	Santa Barbara	San Miguel Island Wet	9279	5	San Miguel Island	83-L			Lower Eocene			
23223	Santa Barbara	San Miguel Island Wet	9279	6	San Miguel Island	83-L	picked slide		Lower Eocene			
23224	Santa Barbara	San Miguel Island Wet	9279	7	San Miguel Island	83-L	picked slide		Lower Eocene			
23225	Santa Barbara	San Miguel Island Wet	9279	8	San Miguel Island	83-L			Lower Eocene			
23226	Santa Barbara	San Miguel Island Wet	9279	9	San Miguel Island	83-L	picked slide		Lower Eocene			
23227	Santa Barbara	San Miguel Island Wet	9279	10	San Miguel Island	83-L			Lower Eocene			
23228	Santa Barbara	San Miguel Island Wet	9279	11	San Miguel Island	83-L			Lower Eocene			
23229	Santa Barbara	San Miguel Island Wet	9279	13	San Miguel Island	83-L			Lower Eocene			
23230	Santa Barbara	San Miguel Island Wet	9279	14	San Miguel Island	83-L			Lower Eocene			
23231	Santa Barbara	San Miguel Island Wet	9279	15	San Miguel Island	83-L			Lower Eocene			
23232	Santa Barbara	San Miguel Island Wet	9279	16	San Miguel Island	83-L			Lower Eocene			
23233	Santa Barbara	San Miguel Island Wet	9279	17	San Miguel Island	83-L			Lower Eocene			
23234	Santa Barbara	San Miguel Island Wet	9279	17	San Miguel Island	83-L			Lower Eocene			
23235	Santa Barbara	San Miguel Island Wet	9279	19	San Miguel Island	83-L			Cret/Paleocene			
23236	Santa Barbara	San Miguel Island Wet	9279	20	San Miguel Island	83-L			Cret/Paleocene			
23237	Santa Barbara	San Miguel Island Wet	9279	23	San Miguel Island	83-M			Cret/Paleocene			
23238	Santa Barbara	San Miguel Island Wet	9279	22	San Miguel Island	83-M			Upper Cretaceous			
23239	Santa Barbara	San Miguel Island Wet	9279	23	San Miguel Island	83-M			Upper Cretaceous			
23240	Santa Barbara	San Miguel Island Wet	9279	24	San Miguel Island	83-M			Upper Cretaceous			
23241	Santa Barbara	San Miguel Island Wet	9279	25	San Miguel Island	83-M			Upper Cretaceous			
23242	Santa Barbara	San Miguel Island Wet	9279	26	San Miguel Island	83-M			no paleo info			
23243	Santa Barbara	San Miguel Island Wet	9279	27	San Miguel Island	83-M			no paleo info			
23244	Santa Barbara	San Miguel Island Wet	9279	28	San Miguel Island	83-M			no paleo info			
23245	Santa Barbara	San Miguel Island Wet	9279	29	San Miguel Island	83-M			no paleo info			
23246	Santa Barbara	San Miguel Island Wet	9279	36	San Miguel Island	83-M			Lower Eocene			
23247	Santa Barbara	San Miguel Island Wet	9279	37	San Miguel Island	83-M			Lower Eocene			
23248	Santa Barbara	San Miguel Island Wet	9279	39	San Miguel Island	83-M			Lower Eocene			
23249	Santa Barbara	San Miguel Island Wet	9279	40	San Miguel Island	83-M			Lower Eocene			
23250	Santa Barbara	San Miguel Island Wet	9279	41	San Miguel Island	83-M			Lower Eocene			
23251	Santa Barbara	San Miguel Island Wet	9279	42	San Miguel Island	83-M			Lower Eocene			
23252	Santa Barbara	San Miguel Island Wet	9279	43	San Miguel Island	83-M			Lower Eocene			
23253	Santa Barbara	San Miguel Island Wet	9279	44	San Miguel Island	83-M			Middle Eocene			
23254	Santa Barbara	San Miguel Island Wet	9279	45	San Miguel Island	83-M			Middle Eocene			
23255	Santa Barbara	San Miguel Island Wet	9359		Green Mtn area	92-H			no paleo info			
23256	Santa Barbara	San Miguel Island Wet	9360		Green Mtn area	92-H			no paleo info			
23257	Santa Barbara	San Miguel Island Wet	9361		Green Mtn area	92-H			no paleo info			
23258	Santa Barbara	San Miguel Island Wet	9362		Green Mtn area	92-H			no paleo info			
23259	Santa Barbara	San Miguel Island Wet	9363		Green Mtn area	92-H			no paleo info			
23260	Santa Barbara	San Miguel Island Wet	9365		Green Mtn area	92-H			no paleo info			
23261	Santa Barbara	San Miguel Island Wet	9366		Green Mtn area	92-H			no paleo info			
23262	Santa Barbara	San Miguel Island Wet	9367		Green Mtn area	92-H			no paleo info			
23263	Santa Barbara	San Miguel Island Wet	9368		Green Mtn area	92-H			no paleo info			
23264	Santa Barbara	San Miguel Island Wet	9369		Green Mtn area	92-H			no paleo info			
23265	Santa Barbara	San Miguel Island Wet	9370		Green Mtn area	92-H			no paleo info			
23266	Santa Barbara	San Miguel Island Wet	9371		Green Mtn area	92-H			no paleo info			
23267	Santa Barbara	San Miguel Island Wet	9372		Green Mtn area	92-H			no paleo info			
23268	Santa Barbara	San Miguel Island Wet	9373		Green Mtn area	92-H			no paleo info			
23269	Santa Barbara	San Miguel Island Wet	27744	1	Simonton Cove	93-B			Cretaceous			
23270	Santa Barbara	San Miguel Island Wet	27744	3	Simonton Cove	93-B			Cretaceous			
23271	Santa Barbara	San Miguel Island Wet	27744	4	Simonton Cove	93-B			no paleo info			
23272	Santa Barbara	San Miguel Island Wet	27744	5	Simonton Cove	93-B			no paleo info			
23273	Santa Barbara	San Miguel Island Wet	27745	1	Green Mtn area	92-M			no paleo info			
23274	Santa Barbara	San Miguel Island Wet	27745	2	Green Mtn area	92-M			no paleo info			
23275	Santa Barbara	San Miguel Island Wet	27745	3	Green Mtn area	92-M			no paleo info			
23276	Santa Barbara	San Miguel Island Wet	27745	4	Green Mtn area	92-M			no paleo info			
23277	Santa Barbara	San Miguel Island Wet	27745	5	Green Mtn area	92-M			no paleo info			
23278	Santa Barbara	San Miguel Island Wet	27745	5	Green Mtn area	92-M			no paleo info			
23279	Santa Barbara	San Miguel Island Wet	27745	7	Green Mtn area	92-M			no paleo info			
23280	Santa Barbara	San Miguel Island Wet	27745	8	Green Mtn area	92-M			no paleo info			
23281	Santa Barbara	San Miguel Island Wet	27745	9	Green Mtn area	92-M			no paleo info			
23282	Santa Barbara	San Miguel Island Wet	27745	10	Green Mtn area	92-M			no paleo info			
23283	Santa Barbara	San Miguel Island Wet	27745	11	Green Mtn area	92-M			no paleo info			
23284	Santa Barbara	San Miguel Island Wet	27745	12	Green Mtn area	92-M			no paleo info			
23285	Santa Barbara	San Miguel Island Wet	27745	14	Green Mtn area	92-M			no paleo info			
23286	Santa Barbara	San Miguel Island Wet	27745	15	Green Mtn area	92-M			no paleo info			
23287	Santa Barbara	San Miguel Island Wet	27745	16	Green Mtn area	92-M			no paleo info			
23288	Santa Barbara	San Miguel Island Wet	27745	17	Green Mtn area	92-M			no paleo info			
23289	Santa Barbara	San Miguel Island Wet	27745	18	Green Mtn area	92-M			no paleo info			
23290	Santa Barbara	San Miguel Island Wet	27745	19	Green Mtn area	92-M			no paleo info			

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1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
23291	Santa Barbara	San Miguel Island Wet	27745	20	Green Mtn area	92-M			no paleo info			
23292	Santa Barbara	San Miguel Island Wet	27745	21	Green Mtn area	92-M			no paleo info			
23293	Santa Barbara	San Miguel Island Wet	27745	22	Green Mtn area	92-M			no paleo info			
23294	Santa Barbara	San Miguel Island Wet	27745	23	Green Mtn area	92-M			no paleo info			
23295	Santa Barbara	San Miguel Island Wet	27745	24	Green Mtn area	92-M			no paleo info			
23296	Santa Barbara	San Miguel Island Wet	27745	25	Green Mtn area	92-M			no paleo info			
23297	Santa Barbara	San Miguel Island Wet	27745	26	Green Mtn area	92-M			no paleo info			
23298	Santa Barbara	San Miguel Island Wet	27745	27	Green Mtn area	92-M			no paleo info			
23299	Santa Barbara	San Miguel Island Wet	27745	28	Green Mtn area	92-M			no paleo info			
23300	Santa Barbara	San Miguel Island Wet	27745	29	Green Mtn area	92-M			no paleo info			
23301	Santa Barbara	San Miguel Island Wet	27745	31	Green Mtn area	92-M			no paleo info			
23302	Santa Barbara	San Miguel Island Wet	27745	32	Green Mtn area	92-M			no paleo info			
23303	Santa Barbara	San Miguel Island Wet	27745	34	Green Mtn area	92-M			no paleo info			
23304	Santa Barbara	San Miguel Island Wet	27745	34	Green Mtn area	92-M			no paleo info			
23305	Santa Barbara	San Miguel Island Wet	27745	35	Green Mtn area	92-M			no paleo info			
23306	Santa Barbara	San Miguel Island Wet	27745	38	Green Mtn area	92-M			no paleo info			
23307	Santa Barbara	San Miguel Island Wet	27745	39	Green Mtn area	92-M			no paleo info			
23308	Santa Barbara	San Miguel Island Wet	27745	40	Green Mtn area	92-M			no paleo info			
23309	Santa Barbara	San Miguel Island Wet	27746	1	S Miguel Is	93-A			no paleo info			
23310	Santa Barbara	San Miguel Island Wet	27746	2	S Miguel Is	93-A			no paleo info			
23311	Santa Barbara	San Miguel Island Wet	27746	3	S Miguel Is	93-A			no paleo info			
23312	Santa Barbara	San Miguel Island Wet	27746	5	S Miguel Is	93-A			no paleo info			
23313	Santa Barbara	San Miguel Island Wet	27746	6	S Miguel Is	93-A			no paleo info			
23314	Santa Barbara	San Miguel Island Wet	27746	8	S Miguel Is	93-A			no paleo info			
23315	Santa Barbara	San Miguel Island Wet	27746	9	S Miguel Is	93-A			no paleo info			
23316	Santa Barbara	San Miguel Island Wet	27746	10	S Miguel Is	93-A			no paleo info			
23317	Santa Barbara	San Miguel Island Wet	27746	11	S Miguel Is	93-A			no paleo info			
23318	Santa Barbara	San Miguel Island Wet	27746	12	S Miguel Is	93-A			no paleo info			
23319	Santa Barbara	San Miguel Island Wet	27746	13	S Miguel Is	93-A			no paleo info			
23320	Santa Barbara	San Miguel Island Wet	27746	14	S Miguel Is	93-A			no paleo info			
23321	Santa Barbara	San Miguel Island Wet	27746	15	S Miguel Is	93-A			no paleo info			
23322	Ventura	San Nicholas Island	567	4	not on map	104-F			Lower Eocene			
23323	Ventura	San Nicholas Island	567	5	not on map	104-F	Have strat column		Lower Eocene			
23324	Ventura	San Nicholas Island	567	6	not on map	104-F	and nanno ages		Lower Eocene			
23325	Ventura	San Nicholas Island	567	7	not on map	104-F			Lower Eocene			
23326	Ventura	San Nicholas Island	567	8	not on map	104-F			Lower Eocene			
23327	Ventura	San Nicholas Island	7759		Near BM 524	84-M	see strat column		Lower Eocene			
23328	Ventura	San Nicholas Island	7760		NW of BM 524	84-M	lot 567 for nanno	have NP list	Lower Eocene			
23329	Ventura	San Nicholas Island	7762		NW tip of island	84-M	ages used on this	have NP list	Lower Eocene			
23330	Ventura	San Nicholas Island	7764		NW tip of island	84-M	column		Lower Eocene			
23331	Ventura	San Nicholas Island	7767		NW tip of island	84-M			Lower Eocene			
23332	Ventura	San Nicholas Island	7768		NW tip of island	84-M			Lower Eocene			
23333	Ventura	San Nicholas Island	7769		NW tip of island	84-M		have NP list	Lower Eocene			
23334	Ventura	San Nicholas Island	7770		NW tip of island	84-M			Lower Eocene			
23335	Ventura	San Nicholas Island	7772		N part of Island	84-M			Lower Eocene			
23336	Ventura	San Nicholas Island	7774		N of airport	84-M			Middle Eocene			
23337	Ventura	San Nicholas Island	7777		N of airport	84-M		have NP list	Middle Eocene			
23338	Ventura	San Nicholas Island	7780		N of airport	84-M			Middle Eocene			
23339	Ventura	San Nicholas Island	7781		N of airport	84-M			Middle Eocene			
23340	Ventura	San Nicholas Island	7783		not found	84-M			Middle Eocene			
23341	Ventura	San Nicholas Island	7784		not found	84-M			Middle Eocene			
23342	Ventura	San Nicholas Island	7785		not found	84-M			Middle Eocene			
23343	Ventura	San Nicholas Island	7786		not found	84-M			Middle Eocene			
23344	Ventura	San Nicholas Island	7788		not found	84-N			Middle Eocene			
23345	Ventura	San Nicholas Island	7789		not found	84-N			Middle Eocene			
23346	Ventura	San Nicholas Island	7791		not found	84-N			Middle Eocene			
23347	Ventura	San Nicholas Island	7792		E end of island	84-N			Middle Eocene			
23348	Ventura	San Nicholas Island	7793		E end of island	84-N			Middle Eocene			
23349	Ventura	San Nicholas Island	7794		E end of island	84-N			Middle Eocene			
23350	Ventura	San Nicholas Island	7795		E end of island	84-N			Middle Eocene			
23351	Ventura	San Nicholas Island	7797		E end of island	84-N			Middle Eocene			
23352	Ventura	San Nicholas Island	7799		E end of island	84-N			Middle Eocene			
23353	Ventura	San Nicholas Island	7800		S of airport	84-N			Middle Eocene			
23354	Ventura	San Nicholas Island	24808		SW part Island	104-C			no paleo info			
23355	Ventura	San Nicholas Island	24812		S of airport	104-C			no paleo info			
23356	Ventura	San Nicholas Island	24815		S of airport	104-C			no paleo info			
23357	Ventura	San Nicholas Island	24824		S of airport	104-C			no paleo info			
23358	Ventura	San Nicholas Island	24830		E end of island	104-C			no paleo info			
23359	Ventura	San Nicholas Island	24835		W tip of island	104-C			no paleo info			
23360	Ventura	San Nicholas Island	24846		W end of island	104-C			no paleo info			
23361	Ventura	San Nicholas Island	24851		W end of island	104-C			no paleo info			
23362	Ventura	San Nicholas Island	24856		E end of island	104-C			no paleo info			
23363	Ventura	San Nicholas Island	24857		E end of island	104-D			no paleo info			
23364	Ventura	San Nicholas Island	24878		SW of airport	104-D			no paleo info			
23365	Ventura	San Nicholas Island	24880		SW of airport	104-D			no paleo info			
23366	Ventura	San Nicholas Island	24882		SW of airport	104-D			no paleo info			
23367	Los Angeles	San Pedro	5423		Whites Point	21-N		age from map	Luisian			
23368	Los Angeles	San Pedro	5426		Cabrillo Beach	21-N			no paleo info			
23369	Santa Barbara	San Rafael Mountain	6350		SE corner of quad	74-C	S Rafael Mtn 15'	see # 5145	Miocene			
23370	Santa Barbara	San Rafael Mountain	8174		EC part of quad	68-J			no paleo info			
23371	Santa Barbara	San Rafael Mountain	8175		center of quad	68-J			no paleo info			
23372	Santa Barbara	San Rafael Mountain	11420		Santa Cruz Creek	79-J	S Rafael Mtn 15'		Relizian	Kraetsch		
23373	San Luis Obispo	San Simeon	24090	2	San Simeon Point	99-G			not diagnostic			
23374	San Luis Obispo	San Simeon	24090	4	San Simeon Point	99-G			not diagnostic			
23375	San Luis Obispo	San Simeon	24090	5	San Simeon Point	99-G			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		
23716	Santa Barbara	Santa Barbara	30481	1	S Barbara Point	118-I						no paleo info
23717	Santa Barbara	Santa Barbara	30481	2	S Barbara Point	118-I						no paleo info
23718	Santa Barbara	Santa Barbara	30481	5	S Barbara Point	118-I						Saucesian
23719	Santa Barbara	Santa Barbara	30481	6	S Barbara Point	118-I						Saucesian
23720	Santa Barbara	Santa Barbara	30485	4	S Barbara Point	118-I	Have strat column					Saucesian
23721	Santa Barbara	Santa Barbara	30485	7	S Barbara Point	118-I						Saucesian
23722	Santa Barbara	Santa Barbara	30485	8	S Barbara Point	118-I						Saucesian
23723	Santa Barbara	Santa Barbara	30485	9	S Barbara Point	118-I						Saucesian
23724	Santa Barbara	Santa Barbara	30485	10	S Barbara Point	118-I						Saucesian
23725	Santa Barbara	Santa Barbara	30485	11	S Barbara Point	118-I						Saucesian
23726	Santa Barbara	Santa Barbara	30485	12	S Barbara Point	118-I						Saucesian
23727	Santa Barbara	Santa Barbara	30485	14	S Barbara Point	118-I						Saucesian
23728	Santa Barbara	Santa Barbara	30485	16	S Barbara Point	118-I						Saucesian
23729	Santa Barbara	Santa Barbara	30485	17	S Barbara Point	118-I						Saucesian
23730	Santa Barbara	Santa Barbara	30485	19	S Barbara Point	101-D						not diagnostic
23731	Santa Barbara	Santa Barbara	30485	20	S Barbara Point	101-D						not diagnostic
23732	Santa Barbara	Santa Barbara	30485	22	S Barbara Point	101-D						not diagnostic
23733	Santa Barbara	Santa Barbara	30487	1	SW part of quad	118-H	ages from paleo					Middle Miocene
23734	Santa Barbara	Santa Barbara	30487	2	SW part of quad	118-H	cards and Kleinpell					Middle Miocene
23735	Santa Barbara	Santa Barbara	30487	3	SW part of quad	118-H						not diagnostic
23736	Santa Barbara	Santa Barbara	30487	6A	SW part of quad	118-H						Middle Miocene
23737	Santa Barbara	Santa Barbara	30487	7A	SW part of quad	118-H						no paleo info
23738	Santa Barbara	Santa Barbara	30487	8	SW part of quad	118-H						M or U Miocene
23739	Santa Barbara	Santa Barbara	30487	9	SW part of quad	118-H						M or U Miocene
23740	Santa Barbara	Santa Barbara	30487	10A	SW part of quad	118-H						M or U Miocene
23741	Santa Barbara	Santa Barbara	30487	11	SW part of quad	118-H						M or U Miocene
23742	Santa Barbara	Santa Barbara	30487	12	SW part of quad	118-H						not diagnostic
23743	Santa Barbara	Santa Barbara	30487	13	SW part of quad	118-H						not diagnostic
23744	Santa Barbara	Santa Barbara	30487	14	SW part of quad	118-H						not diagnostic
23745	Los Angeles	Santa Catalina Is N	7369		NW part of quad	65-A						not diagnostic
23746	Los Angeles	Santa Catalina Is N	7370		NW part of quad	65-A		fish scale age				Middle Miocene
23747	Los Angeles	Santa Catalina Is N	7373		NW part of quad	65-A						not diagnostic
23748	Los Angeles	Santa Catalina Is N	7375		NW part of quad	65-A		fish scale age				Luisian
23749	Los Angeles	Santa Catalina Is N	7375		NW part of quad	78-F		fish scale age				Luisian
23750	Los Angeles	Santa Catalina Is S	7376		NC part of quad	65-A						Miocene/Pliocene
23751	Santa Cruz	Santa Cruz	5989		Needle Rock Pt	147-A		one planktic				not diagnostic
23752	Santa Cruz	Santa Cruz	8808		W of Point S Cruz	147-D		rubber casts				Luisian
23753	Santa Barbara	Santa Cruz Island	5684		not on map	42-K						Eocene
23754	Santa Barbara	Santa Cruz Island	5685		not on map	42-K						Eocene
23755	Santa Barbara	Santa Cruz Island A	137	9	Morse Point	26-F	have dupe slide					Eocene
23756	Santa Barbara	Santa Cruz Island A	137	11	Morse Point	26-F						not diagnostic
23757	Santa Barbara	Santa Cruz Island A	137	13	Canada Posa	26-F						Eocene
23758	Santa Barbara	Santa Cruz Island A	137	17	Christi Ranch	26-H						Saucesian?
23759	Santa Barbara	Santa Cruz Island A	137	22	Christi Ranch	26-H						Saucesian
23760	Santa Barbara	Santa Cruz Island A	140	6	SE part of quad	25-N						Upper Saucesian
23761	Santa Barbara	Santa Cruz Island A	140	7	SE part of quad	25-N						Upper Saucesian
23762	Santa Barbara	Santa Cruz Island A	140	8	SE part of quad	25-N						Upper Saucesian
23763	Santa Barbara	Santa Cruz Island A	140	14	SE part of quad	25-N						not diagnostic
23764	Santa Barbara	Santa Cruz Island A	140	15	SE part of quad	25-N						not diagnostic
23765	Santa Barbara	Santa Cruz Island A	140	16	SE part of quad	25-N						Eocene, prob C zone
23766	Santa Barbara	Santa Cruz Island A	140	18	SE part of quad	25-N						Eocene, prob C zone
23767	Santa Barbara	Santa Cruz Island A	140	19	SE part of quad	25-N						Eocene, prob C zone
23768	Santa Barbara	Santa Cruz Island A	140	20	SE part of quad	25-N						Eocene, prob C zone
23769	Santa Barbara	Santa Cruz Island A	140	22	SE part of quad	25-N						Eocene, prob C zone
23770	Santa Barbara	Santa Cruz Island A	140	23	SE part of quad	25-N						Eocene, prob C zone
23771	Santa Barbara	Santa Cruz Island A	140	25	SE part of quad	25-N						Eocene, prob C zone
23772	Santa Barbara	Santa Cruz Island A	246	1	SE of Kinton Point	70-H	strat column					Upper Eocene
23773	Santa Barbara	Santa Cruz Island A	246	3	SE of Kinton Point	70-H	strat column					Upper Eocene
23774	Santa Barbara	Santa Cruz Island A	246	4	SE of Kinton Point	70-H	strat column					Upper Eocene
23775	Santa Barbara	Santa Cruz Island A	246	5	SE of Kinton Point	70-H	strat column					Upper Eocene
23776	Santa Barbara	Santa Cruz Island A	246	9	SE of Kinton Point	42-L	strat column					Saucesian
23777	Santa Barbara	Santa Cruz Island A	246	13	SE of Kinton Point	42-L	strat column					Upper Saucesian
23778	Santa Barbara	Santa Cruz Island A	246	14	SE of Kinton Point	42-L	strat column					Upper Saucesian
23779	Santa Barbara	Santa Cruz Island A	246	16	SE of Kinton Point	42-L	strat column					Upper Saucesian
23780	Santa Barbara	Santa Cruz Island A	246	17	SE of Kinton Point	42-L	strat column					Upper Saucesian
23781	Santa Barbara	Santa Cruz Island A	246	18	SE of Kinton Point	42-L	strat column					Upper Saucesian
23782	Santa Barbara	Santa Cruz Island A	246	19	SE of Kinton Point	42-L	strat column					Sauc/ Relizian
23783	Santa Barbara	Santa Cruz Island A	246	23	SE of Kinton Point	42-L	strat column					Sauc/ Relizian
23784	Santa Barbara	Santa Cruz Island A	247	4	N of Morse Point	42-L	strat column					Upper Eocene
23785	Santa Barbara	Santa Cruz Island A	247	5	N of Morse Point	42-L	strat column					Upper Eocene
23786	Santa Barbara	Santa Cruz Island A	247	6	N of Morse Point	42-L	strat column					Upper Eocene
23787	Santa Barbara	Santa Cruz Island A	247	7	N of Morse Point	42-L	strat column					Upper Eocene
23788	Santa Barbara	Santa Cruz Island A	247	9	N of Morse Point	42-L	strat column					Upper Eocene
23789	Santa Barbara	Santa Cruz Island A	247	12	N of Morse Point	42-L	strat column					not diagnostic
23790	Santa Barbara	Santa Cruz Island A	247	13	N of Morse Point	42-L	strat column					Sauc/ Relizian
23791	Santa Barbara	Santa Cruz Island A	247	15	N of Morse Point	42-L	strat column					Sauc/ Relizian
23792	Santa Barbara	Santa Cruz Island A	247	16	N of Morse Point	42-L	strat column					Sauc/ Relizian
23793	Santa Barbara	Santa Cruz Island A	248	1	N of Morse Point	42-L	strat column					Eocene
23794	Santa Barbara	Santa Cruz Island A	248	2	N of Morse Point	42-L	strat column					Eocene
23795	Santa Barbara	Santa Cruz Island A	248	7	N of Morse Point	42-L	strat column					Sauc/ Relizian
23796	Santa Barbara	Santa Cruz Island A	248	9	N of Morse Point	43-I	strat column					no paleo info
23797	Santa Barbara	Santa Cruz Island A	248	29	N of Morse Point	43-I	strat column					no paleo info
23798	Santa Barbara	Santa Cruz Island A	248	30	N of Morse Point	43-I	strat column					no paleo info

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1	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
23969	Santa Barbara	Santa Cruz Island A	267	173	SE part of quad	44-A			Lower Eocene			
23970	Santa Barbara	Santa Cruz Island A	267	174	SE part of quad	44-A			Lower Eocene			
23971	Santa Barbara	Santa Cruz Island A	267	175	SE part of quad	44-A			Lower Eocene			
23972	Santa Barbara	Santa Cruz Island A	267	176	SE part of quad	44-A			Lower Eocene			
23973	Santa Barbara	Santa Cruz Island A	267	177	SE part of quad	44-A			Middle Eocene			
23974	Santa Barbara	Santa Cruz Island A	267	178	SE part of quad	44-A			Middle Eocene			
23975	Santa Barbara	Santa Cruz Island A	267	179	SE part of quad	44-A			Middle Eocene			
23976	Santa Barbara	Santa Cruz Island A	267	180	SE part of quad	44-A			Middle Eocene			
23977	Santa Barbara	Santa Cruz Island A	267	181	SE part of quad	44-A			Middle Eocene			
23978	Santa Barbara	Santa Cruz Island A	267	182	SE part of quad	44-A			Middle Eocene			
23979	Santa Barbara	Santa Cruz Island A	267	183	SE part of quad	44-A			Middle Eocene			
23980	Santa Barbara	Santa Cruz Island A	267	184	SE part of quad	44-A			Middle Eocene			
23981	Santa Barbara	Santa Cruz Island A	267	185	SE part of quad	44-A			Middle Eocene			
23982	Santa Barbara	Santa Cruz Island A	267	186	SE part of quad	44-A			Middle Eocene			
23983	Santa Barbara	Santa Cruz Island A	267	187	SE part of quad	44-A			Middle Eocene			
23984	Santa Barbara	Santa Cruz Island A	267	188	SE part of quad	44-A			Middle Eocene			
23985	Santa Barbara	Santa Cruz Island A	267	189	SE part of quad	44-A			Middle Eocene			
23986	Santa Barbara	Santa Cruz Island A	267	190	SE part of quad	44-A			Middle Eocene			
23987	Santa Barbara	Santa Cruz Island A	267	191	SE part of quad	44-A			Middle Eocene			
23988	Santa Barbara	Santa Cruz Island A	267	192	SE part of quad	44-A			Middle Eocene			
23989	Santa Barbara	Santa Cruz Island A	267	193	SE part of quad	44-A			Middle Eocene			
23990	Santa Barbara	Santa Cruz Island A	267	194	SE part of quad	44-A			Middle Eocene			
23991	Santa Barbara	Santa Cruz Island A	267	195	SE part of quad	44-A			Middle Eocene			
23992	Santa Barbara	Santa Cruz Island A	267	196	SE part of quad	44-A			Middle Eocene			
23993	Santa Barbara	Santa Cruz Island A	4862		Morse Point	42-J	see #246 for	paleo report	Relizian?			
23994	Santa Barbara	Santa Cruz Island A	4863		Morse Point	42-J			Saucesian?			
23995	Santa Barbara	Santa Cruz Island A	4864		Morse Point	42-J			Saucesian			
23996	Santa Barbara	Santa Cruz Island A	4865		Canada de Posa	42-J			Eocene			
23997	Santa Barbara	Santa Cruz Island A	4867	1	Canada de Posa	42-J			Eocene?			
23998	Santa Barbara	Santa Cruz Island A	4867	2	Canada de Posa	42-J			Eocene?			
23999	Santa Barbara	Santa Cruz Island C	135	2	Potato Harbor	26-F			Pleistocene			
24000	Santa Barbara	Santa Cruz Island C	135	3	Potato Harbor	26-F			Lower Luisian			
24001	Santa Barbara	Santa Cruz Island C	136	2	North coast	26-F			Relizian			
24002	Santa Barbara	Santa Cruz Island C	136	4	North coast	26-F			Lower Mohnian			
24003	Santa Barbara	Santa Cruz Island C	136	8	North coast	26-F			Mohnian			
24004	Santa Barbara	Santa Cruz Island C	136	9	North coast	26-F			Middle Mohnian			
24005	Santa Barbara	Santa Cruz Island C	258	1	Chinese Harbor	42-N	strat column		Mohnian			
24006	Santa Barbara	Santa Cruz Island C	258	2	Chinese Harbor	42-N	strat column		Mohnian			
24007	Santa Barbara	Santa Cruz Island C	258	3	Chinese Harbor	42-N	strat column		Mohnian			
24008	Santa Barbara	Santa Cruz Island C	258	4	Chinese Harbor	42-N	strat column		Mohnian			
24009	Santa Barbara	Santa Cruz Island C	258	6	Chinese Harbor	42-N	strat column		Mohnian			
24010	Santa Barbara	Santa Cruz Island C	258	9	Chinese Harbor	42-N	strat column		Mohnian			
24011	Santa Barbara	Santa Cruz Island C	258	11	Chinese Harbor	42-N	strat column		Mohnian			
24012	Santa Barbara	Santa Cruz Island C	258	12	Chinese Harbor	42-N	strat column		Mohnian			
24013	Santa Barbara	Santa Cruz Island C	258	22	Chinese Harbor	42-N	strat column		Mohnian			
24014	Santa Barbara	Santa Cruz Island C	258	23	Chinese Harbor	42-N	strat column		Mohnian			
24015	Santa Barbara	Santa Cruz Island C	258	25	Chinese Harbor	42-N	strat column		Luisian			
24016	Santa Barbara	Santa Cruz Island C	258	26	Chinese Harbor	42-N	strat column		Luisian			
24017	Santa Barbara	Santa Cruz Island C	258	27	Chinese Harbor	42-N	strat column		Luisian			
24018	Santa Barbara	Santa Cruz Island C	258	28	Chinese Harbor	42-N	strat column		Luisian			
24019	Santa Barbara	Santa Cruz Island C	258	29	Chinese Harbor	42-N	strat column		Luisian			
24020	Santa Barbara	Santa Cruz Island C	4933		S of Chinese Harb	42-J			Miocene			
24021	Santa Barbara	Santa Cruz Island C	6915		NW of Mt Pleasant	65-J		have NP list	poss Relizian			
24022	Santa Barbara	Santa Cruz Island C?	4935		did not find	42-J			Luisian			
24023	Santa Cruz?	Santa Cruz?	4621		not on map	16-K	shallow water	Purisima?	Plio/Pleistocene	Starke		
24024	Santa Cruz?	Santa Cruz?	4622		not on map	16-K			Luisian	Starke		
24025	San Luis Obispo	Santa Margarita	2029		NW corner of quad	69-F	San Luis Obispo 15'		barren	Newbill		
24026	San Luis Obispo	Santa Margarita	2030		NW corner of quad	69-F	San Luis Obispo 15'		Middle Miocene	Newbill		
24027	San Luis Obispo	Santa Margarita	2031		SW part of quad	69-F	San Luis Obispo 15'		barren	Newbill		
24028	San Luis Obispo	Santa Margarita	11711		Cushing area	161-N	S Luis Obispo 15'		no paleo info	Kistler		
24029	San Luis Obispo	Santa Margarita	11712		Cushing area	161-N	S Luis Obispo 15'		no paleo info	Kistler		
24030	San Luis Obispo	Santa Margarita	11717		E of S Margarita	161-N	S Luis Obispo 15'		no paleo info	Kistler		
24031	San Luis Obispo	Santa Margarita	11718		S of S Margarita	161-N	S Luis Obispo 15'		Lower Mohnian	Kistler		
24032	San Luis Obispo	Santa Margarita	23583		NW corner of quad	175-G	S Luis Obispo 15'		not diagnostic	Elliott		
24033	San Luis Obispo	Santa Margarita	23586		NW corner of quad	175-G	S Luis Obispo 15'		Upper Miocene	Elliott		
24034	San Luis Obispo	Santa Margarita Lake	1619		SW part of quad	69-A	Pozo 15'		Luisian	Newbill		
24035	San Luis Obispo	Santa Margarita Lake	2022		WC part of quad	69-F	Pozo 15'		Lower Miocene	Newbill		
24036	San Luis Obispo	Santa Margarita Lake	2033		NE corner of quad	69-F			not diagnostic	Newbill		
24037	San Luis Obispo	Santa Margarita Lake	2036		NW part of quad	69-G	Pozo 15'		Cretaceous?	Newbill		
24038	San Luis Obispo	Santa Margarita Lake	2037		NW part of quad	69-G	Pozo 15'		barren	Newbill		
24039	San Luis Obispo	Santa Margarita Lake	2038		NW part of quad	69-G	Pozo 15'		Cretaceous?	Newbill		
24040	San Luis Obispo	Santa Margarita Lake	2039		NW part of quad	69-G	Pozo 15'		Upper Cretaceous	Newbill		
24041	San Luis Obispo	Santa Margarita Lake	2040		NW part of quad	69-G	Pozo 15'		Cretaceous	Newbill		
24042	San Luis Obispo	Santa Margarita Lake	2041		NW part of quad	69-G	Pozo 15'		Upper Cretaceous	Newbill		
24043	San Luis Obispo	Santa Margarita Lake	2042		NW part of quad	69-G	Pozo 15'		Upper Cretaceous	Newbill		
24044	San Luis Obispo	Santa Margarita Lake	2042		NW part of quad	69-G	Pozo 15'		Upper Cretaceous	Newbill		
24045	San Luis Obispo	Santa Margarita Lake	2043		NW part of quad	69-G	Pozo 15'		Upper Cretaceous	Newbill		
24046	San Luis Obispo	Santa Margarita Lake	2043	RW	NW part of quad	69-G	Pozo 15'		no paleo info	Reed		
24047	San Luis Obispo	Santa Margarita Lake	3836		near Pippin Corner	30-I	Pozo 15'		Upper Cretaceous	Lauten.		
24048	San Luis Obispo	Santa Margarita Lake	11035		SW corner of quad	79-H	S Luis Obispo 15'		Relizian	Kraetsch		
24049	San Luis Obispo	Santa Margarita Lake	11036		SW corner of quad	79-H	S Luis Obispo 15'		prob Saucesian	Kraetsch		
24050	Santa Barbara	Santa Margarita Lake	11037		SW corner of quad	79-H	S Luis Obispo 15'		Saucesian/Relizian	Kraetsch		
24051	Santa Barbara	Santa Maria	1656		NE part of quad	69-B	Santa Maria 15'		barren	Newbill		
24052	San Luis Obispo	Santa Maria	2175		NE part of quad	69-H	Santa Maria 15'		barren			
24053	San Luis Obispo	Santa Maria	2176		NE corner of quad	69-H	Santa Maria 15'		Relizian			

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		
24054	Ventura	Santa Paula	146	1	Coyote Canyon	12-H			no age provided			
24055	Ventura	Santa Paula	146	2	Coyote Canyon	12-H			no age provided			
24056	Ventura	Santa Paula	146	3	Coyote Canyon	12-H			no age provided			
24057	Ventura	Santa Paula	146	4	Coyote Canyon	12-H			no age provided			
24058	Ventura	Santa Paula	146	5	Coyote Canyon	12-H			no age provided			
24059	Ventura	Santa Paula	146	6	Coyote Canyon	12-H			no age provided			
24060	Ventura	Santa Paula	146	7	Coyote Canyon	12-H			no age provided			
24061	Ventura	Santa Paula	146	8	Coyote Canyon	12-H			no age provided			
24062	Ventura	Santa Paula	146	9	Coyote Canyon	12-H			no age provided			
24063	Ventura	Santa Paula	146	10	Coyote Canyon	12-H			no age provided			
24064	Ventura	Santa Paula	146	11	Coyote Canyon	12-H			no age provided			
24065	Ventura	Santa Paula	146	12	Coyote Canyon	12-H			no age provided			
24066	Ventura	Santa Paula	146	13	Coyote Canyon	12-H			no age provided			
24067	Ventura	Santa Paula	146	14	Coyote Canyon	12-H			no age provided			
24068	Ventura	Santa Paula	146	15	Coyote Canyon	12-H			no age provided			
24069	Ventura	Santa Paula	146	16	Coyote Canyon	12-H			no age provided			
24070	Ventura	Santa Paula	146	17	Coyote Canyon	12-H			no age provided			
24071	Ventura	Santa Paula	146	18	Coyote Canyon	12-H			no age provided			
24072	Ventura	Santa Paula	146	19	Coyote Canyon	12-H			no age provided			
24073	Ventura	Santa Paula	146	20	Coyote Canyon	12-H			no age provided			
24074	Ventura	Santa Paula	146	21	Coyote Canyon	12-H			no age provided			
24075	Ventura	Santa Paula	146	22	Coyote Canyon	12-H			no age provided			
24076	Ventura	Santa Paula	146	24	Coyote Canyon	12-H			no age provided			
24077	Ventura	Santa Paula	146	25	Coyote Canyon	12-H			no age provided			
24078	Ventura	Santa Paula	146	26	Coyote Canyon	12-H			no age provided			
24079	Ventura	Santa Paula	146	27	Coyote Canyon	12-H			no age provided			
24080	Ventura	Santa Paula	146	28	Coyote Canyon	12-H			no age provided			
24081	Ventura	Santa Paula	146	29	Coyote Canyon	12-H			no age provided			
24082	Ventura	Santa Paula	146	30	Coyote Canyon	12-H			no age provided			
24083	Ventura	Santa Paula	146	31	Coyote Canyon	12-H			no age provided			
24084	Ventura	Santa Paula	146	32	Coyote Canyon	12-H			no age provided			
24085	Ventura	Santa Paula	162	11	center of quad	44-M	all samples have	reworked	forams			
24086	Ventura	Santa Paula	162	16	center of quad	44-M	all samples have	reworked	forams			
24087	Ventura	Santa Paula	162	20	center of quad	44-M	all samples have	reworked	forams			
24088	Ventura	Santa Paula	162	21	center of quad	44-M	all samples have	reworked	forams			
24089	Ventura	Santa Paula	162	24	center of quad	44-M	all samples have	reworked	forams			
24090	Ventura	Santa Paula	5593		SW part of quad	1-A	clams, bryozoa		no paleo info			
24091	Ventura	Santa Paula	7116		Coyote Canyon	63-F		rich fauna	no paleo info			
24092	Ventura	Santa Paula	7117		N of hill 1343	63-F			no paleo info			
24093	Ventura	Santa Paula	7118		NW of hill 1343	63-F			no paleo info			
24094	Ventura	Santa Paula	7119		W of hill 1343	63-F		flood Siphog.	no paleo info			
24095	Ventura	Santa Paula	7120		W of hill 1343	63-F	sa loc 7147145	rich fauna	no paleo info			
24096	Ventura	Santa Paula Peak	119	*1-1	S Paula Pk auger	21-C	Timber Canyon		Pliocene	Koch		
24097	Ventura	Santa Paula Peak	119	*1-5	S Paula Pk auger	21-C	Timber Canyon		Pliocene	Koch		
24098	Ventura	Santa Paula Peak	119	*1-10	S Paula Pk auger	21-C	Timber Canyon		Pliocene	Koch		
24099	Ventura	Santa Paula Peak	119	*2-5	S Paula Pk auger	21-C	Timber Canyon		Pliocene	Koch		
24100	Ventura	Santa Paula Peak	119	*2-8	S Paula Pk auger	21-C	Timber Canyon		Pliocene	Koch		
24101	Ventura	Santa Paula Peak	119	*3-5	S Paula Pk auger	21-C	Timber Canyon		Pliocene	Koch		
24102	Ventura	Santa Paula Peak	119	*3-8	S Paula Pk auger	21-C	Timber Canyon		Pliocene	Koch		
24103	Ventura	Santa Paula Peak	119	*4-5	S Paula Pk auger	21-C	Timber Canyon		Pliocene	Koch		
24104	Ventura	Santa Paula Peak	119	*4-8	S Paula Pk auger	21-C	Timber Canyon		Pliocene	Koch		
24105	Ventura	Santa Paula Peak	119	*5-8	S Paula Pk auger	21-C	Timber Canyon		Pliocene	Koch		
24106	Ventura	Santa Paula Peak	119	*5-5	S Paula Pk auger	21-C	Timber Canyon		Pliocene	Koch		
24107	Ventura	Santa Paula Peak	119	*6-5	S Paula Pk auger	21-C	Timber Canyon		Pliocene	Koch		
24108	Ventura	Santa Paula Peak	119	*6-8	S Paula Pk auger	21-C	Timber Canyon		Pliocene	Koch		
24109	Ventura	Santa Paula Peak	119	*7-8	S Paula Pk auger	21-C	Timber Canyon		Pliocene	Koch		
24110	Ventura	Santa Paula Peak	119	8	S Paula Pk auger	21-C	Timber Canyon		Pliocene	Koch		
24111	Ventura	Santa Paula Peak	119	9	S Paula Pk auger	21-C	Timber Canyon		Pliocene	Koch		
24112	Ventura	Santa Paula Peak	119	10	S Paula Pk auger	21-C	Timber Canyon		Pliocene	Koch		
24113	Ventura	Santa Paula Peak	119	11	S Paula Pk auger	21-C	Timber Canyon		Pliocene	Koch		
24114	Ventura	Santa Paula Peak	360	2	Santa Paula Gorge	56-K	Have strat		Eocene			
24115	Ventura	Santa Paula Peak	360	3	Santa Paula Gorge	56-K	column		Eocene			
24116	Ventura	Santa Paula Peak	360	4	Santa Paula Gorge	56-K			Eocene			
24117	Ventura	Santa Paula Peak	360	5	Santa Paula Gorge	56-K			Eocene			
24118	Ventura	Santa Paula Peak	360	6	Santa Paula Gorge	56-K			Eocene			
24119	Ventura	Santa Paula Peak	360	7	Santa Paula Gorge	56-K			Eocene			
24120	Ventura	Santa Paula Peak	360	8	Santa Paula Gorge	56-K			Eocene			
24121	Ventura	Santa Paula Peak	360	9	Santa Paula Gorge	56-K			Eocene			
24122	Ventura	Santa Paula Peak	360	10	Santa Paula Gorge	56-K			Eocene			
24123	Ventura	Santa Paula Peak	360	11	Santa Paula Gorge	56-K			Eocene			
24124	Ventura	Santa Paula Peak	360	12	Santa Paula Gorge	56-K			Eocene			
24125	Ventura	Santa Paula Peak	360	13	Santa Paula Gorge	56-K			Eocene			
24126	Ventura	Santa Paula Peak	398	1	S. Paula Canyon	56-J			Eocene			
24127	Ventura	Santa Paula Peak	398	2	S. Paula Canyon	56-J			Eocene			
24128	Ventura	Santa Paula Peak	398	3	S. Paula Canyon	56-J			Eocene			
24129	Ventura	Santa Paula Peak	398	4	S. Paula Canyon	56-J			Eocene			
24130	Ventura	Santa Paula Peak	398	5	S. Paula Canyon	56-J			Eocene			
24131	Ventura	Santa Paula Peak	398	6	S. Paula Canyon	56-J			Eocene			
24132	Ventura	Santa Paula Peak	398	7	S. Paula Canyon	56-J			Eocene			
24133	Ventura	Santa Paula Peak	398	8	S. Paula Canyon	56-J			Eocene			
24134	Ventura	Santa Paula Peak	398	10	S. Paula Canyon	56-J			Eocene			
24135	Ventura	Santa Paula Peak	398	11	S. Paula Canyon	56-J			Eocene			
24136	Ventura	Santa Paula Peak	398	13	S. Paula Canyon	56-J			Eocene			
24137	Ventura	Santa Paula Peak	398	14	S. Paula Canyon	56-J			Eocene			
24138	Ventura	Santa Paula Peak	398	15	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		ZONE/SERIES/AGI	COLLECTORS		
24139	Ventura	Santa Paula Peak	433	1	E Santa Paula Ck	56-J	see loc 360 for		M Eocene A-2 zone			
24140	Ventura	Santa Paula Peak	433	3	E Santa Paula Ck	56-J	strat column and		M Eocene A-2 zone			
24141	Ventura	Santa Paula Peak	433	4	E Santa Paula Ck	56-J	foram check list		M Eocene A-2 zone			
24142	Ventura	Santa Paula Peak	433	5	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24143	Ventura	Santa Paula Peak	433	7	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24144	Ventura	Santa Paula Peak	433	9	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24145	Ventura	Santa Paula Peak	433	10	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24146	Ventura	Santa Paula Peak	433	11	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24147	Ventura	Santa Paula Peak	433	12	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24148	Ventura	Santa Paula Peak	433	13	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24149	Ventura	Santa Paula Peak	433	14	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24150	Ventura	Santa Paula Peak	433	15	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24151	Ventura	Santa Paula Peak	433	16	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24152	Ventura	Santa Paula Peak	433	18	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24153	Ventura	Santa Paula Peak	433	19	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24154	Ventura	Santa Paula Peak	433	20	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24155	Ventura	Santa Paula Peak	433	21	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24156	Ventura	Santa Paula Peak	433	22	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24157	Ventura	Santa Paula Peak	433	23	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24158	Ventura	Santa Paula Peak	433	24	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24159	Ventura	Santa Paula Peak	433	25	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24160	Ventura	Santa Paula Peak	433	26	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24161	Ventura	Santa Paula Peak	433	27	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24162	Ventura	Santa Paula Peak	433	28	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24163	Ventura	Santa Paula Peak	433	28	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24164	Ventura	Santa Paula Peak	433	30	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24165	Ventura	Santa Paula Peak	433	31	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24166	Ventura	Santa Paula Peak	433	32	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24167	Ventura	Santa Paula Peak	433	33	E Santa Paula Ck	56-J			M Eocene A-2 zone			
24168	Ventura	Santa Paula Peak	3097		Orcutt Canyon	176-M			no paleo info	Ellinwood		
24169	Ventura	Santa Paula Peak	3098		Orcutt Canyon	176-M			no paleo info	Ellinwood		
24170	Ventura	Santa Paula Peak	3099		Orcutt Canyon	176-M	sa #3150, 3151		no paleo info	Ellinwood		
24171	Fresno	Santa Rita Peak	11747	A	Pine Canyon	180-F	New Idria 15' Q	age from map	U Cret G-2 zone	Berry &		
24172	Fresno	Santa Rita Peak	11747	C	Pine Canyon	180-F	New Idria 15' Q	age from map	U Cret G-2 zone	Berry &		
24173	Fresno	Santa Rita Peak	11747	C	Pine Canyon	180-F	New Idria 15' Q	age from map	U Cret G-2 zone	Berry &		
24174	Fresno	Santa Rita Peak	11748	1	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
24175	Fresno	Santa Rita Peak	11748	2	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
24176	Fresno	Santa Rita Peak	11748	3	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
24177	Fresno	Santa Rita Peak	11748	4	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
24178	Fresno	Santa Rita Peak	11748	5	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
24179	Fresno	Santa Rita Peak	11748	6	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
24180	Fresno	Santa Rita Peak	11748	6A	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
24181	Fresno	Santa Rita Peak	11748	7	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
24182	Fresno	Santa Rita Peak	11748	8	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
24183	Fresno	Santa Rita Peak	11748	9	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
24184	Fresno	Santa Rita Peak	11748	10	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
24185	Fresno	Santa Rita Peak	11748	11	Pine Canyon	180-F	New Idria 15' Q		no paleo info	Berry &		
24186	Fresno	Santa Rita Peak	11750	1	White Creek	180-F	New Idria 15' Q	age from map	L Cret J-2 zone	Berry &		
24187	Fresno	Santa Rita Peak	11750	2	White Creek	180-F	New Idria 15' Q	age from map	L Cret J-2 zone	Berry &		
24188	Fresno	Santa Rita Peak	11750	4	White Creek	180-F	New Idria 15' Q	age from map	L Cret J-2 zone	Berry &		
24189	Fresno	Santa Rita Peak	11750	5	White Creek	180-F	New Idria 15' Q	age from map	L Cret J-2 zone	Berry &		
24190	Fresno	Santa Rita Peak	11750	6	White Creek	180-F	New Idria 15' Q	age from map	L Cret J-2 zone	Berry &		
24191	Fresno	Santa Rita Peak	11750	7	White Creek	180-F	New Idria 15' Q	age from map	L Cret J-2 zone	Berry &		
24192	Fresno	Santa Rita Peak	11750	8	White Creek	180-F	New Idria 15' Q	age from map	L Cret J-2 zone	Berry &		
24193	Fresno	Santa Rita Peak	11750	9	White Creek	180-F	New Idria 15' Q	age from map	L Cret J-2 zone	Berry &		
24194	Fresno	Santa Rita Peak	11751	1	Archer Mine	180-F	New Idria 15' Q	age from map	L Cret J-2 zone	Berry &		
24195	Fresno	Santa Rita Peak	11751	3	Archer Mine	180-F	New Idria 15' Q	age from map	L Cret J-2 zone	Berry &		
24196	Fresno	Santa Rita Peak	11752	1	Butler Estate Mine	180-F	New Idria 15' Q		no paleo info	Berry &		
24197	Fresno	Santa Rita Peak	11754	1	Wright Mountain	180-F	New Idria 15' Q		no paleo info	Berry &		
24198	Fresno	Santa Rita Peak	11754	2	Wright Mountain	180-F	New Idria 15' Q		no paleo info	Berry &		
24199	Fresno	Santa Rita Peak	11754	3	Wright Mountain	180-F	New Idria 15' Q		no paleo info	Berry &		
24200	Fresno	Santa Rita Peak	11754	5	Wright Mountain	180-F	New Idria 15' Q		no paleo info	Berry &		
24201	Fresno	Santa Rita Peak	11754	6	Wright Mountain	180-F	New Idria 15' Q		no paleo info	Berry &		
24202	Sonoma	Santa Rosa	22982		SE corner quad	202-B	Santa Rosa 15'		no paleo info	Lyon		
24203	Santa Barbara	Santa Rosa Hills	46	1	NC part of quad	68-B	Nipomo 15'		no paleo info	Kraetsch		
24204	Santa Barbara	Santa Rosa Hills	46	2	NC part of quad	68-B	Nipomo 15'		no paleo info	Kraetsch		
24205	Santa Barbara	Santa Rosa Hills	46	3	NC part of quad	68-B	Nipomo 15'		no paleo info	Kraetsch		
24206	Santa Barbara	Santa Rosa Hills	46	4	NC part of quad	68-B	Nipomo 15'		no paleo info	Kraetsch		
24207	Santa Barbara	Santa Rosa Hills	1746		Santos Road	69-B			barren	Newbill		
24208	Santa Barbara	Santa Rosa Hills	1747		Santa Ynez River	69-B			not diagnostic	Newbill		
24209	Santa Barbara	Santa Rosa Hills	1748		Santa Ynez River	69-B			not diagnostic	Newbill		
24210	Santa Barbara	Santa Rosa Hills	1859		NC part of quad	69-D			Relizian	Hoheisel		
24211	Santa Barbara	Santa Rosa Hills	2802		Amoles Creek	69-I			U Eocene A zone			
24212	Santa Barbara	Santa Rosa Hills	2807		Amoles Creek	69-I			Paleocene			
24213	Santa Barbara	Santa Rosa Hills	2808		Amoles Creek	69-I			U Cret D-2 zone			
24214	Santa Barbara	Santa Rosa Hills	2809		Amoles Creek	69-I	sa Lompoc Hills		U Cret F-1 zone			
24215	Santa Barbara	Santa Rosa Hills	2811		Rancho San Julian	69-I			not diagnostic			
24216	Santa Barbara	Santa Rosa Hills	2884		S Rosa Ck area	37-G			no paleo info			
24217	Santa Barbara	Santa Rosa Hills	2884		S Rosa Ck area	27-B			no paleo info			
24218	Santa Barbara	Santa Rosa Hills	2885		S Rosa Ck area	27-B			no paleo info			
24219	Santa Barbara	Santa Rosa Hills	2886		S Rosa Ck area	27-B			no paleo info			
24220	Santa Barbara	Santa Rosa Hills	2887		Los Alamos	27-B			no paleo info			
24221	Santa Barbara	Santa Rosa Hills	2894		S Rosa Ck area	27-B			no paleo info			
24222	Santa Barbara	Santa Rosa Hills	2897		S Rosa Ck area	27-B			no paleo info			
24223	Santa Barbara	Santa Rosa Hills	2900		S Rosa Ck area	27-B			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		
24224	Santa Barbara	Santa Rosa Hills	2901		S Rosa Ck area	27-B			no paleo info			
24225	Santa Barbara	Santa Rosa Hills	2902		S Rosa Ck area	27-B			no paleo info			
24226	Santa Barbara	Santa Rosa Hills	2903		Santa Rosa Road	27-B			no paleo info			
24227	Santa Barbara	Santa Rosa Hills	2905		Santa Rosa Road	27-B			no paleo info			
24228	Santa Barbara	Santa Rosa Hills	2906		Santa Rosa Road	27-B			no paleo info			
24229	Santa Barbara	Santa Rosa Hills	2907		Santa Rosa Road	27-B			no paleo info			
24230	Santa Barbara	Santa Rosa Hills	3657		NE corner of quad	69-J	NE edge of map		not diagnostic	Kraetsch		
24231	Santa Barbara	Santa Rosa Hills	3661		Santos Road	69-J			no paleo info	Kraetsch		
24232	Santa Barbara	Santa Rosa Hills	3662		Santos Road	69-J			no paleo info	Kraetsch		
24233	Santa Barbara	Santa Rosa Hills	3664		SC part of quad	69-J			L Zemorrian	Kraetsch		
24234	Santa Barbara	Santa Rosa Hills	3683		Llanito Creek	69-J			no paleo info	Kraetsch		
24235	Santa Barbara	Santa Rosa Hills	3841		Santa Rosa Hills	69K			Middle Miocene	Kraetsch		
24236	Santa Barbara	Santa Rosa Hills	3861		Santa Ynez River	69-K			poss Eocene	Kraetsch		
24237	Santa Barbara	Santa Rosa Hills	4832	7	El Callejon Creek	37-K			no paleo info			
24238	Santa Barbara	Santa Rosa Hills	4832	8	El Callejon Creek	37-K			no paleo info			
24239	Santa Barbara	Santa Rosa Hills	4832	9	El Callejon Creek	37-K			no paleo info			
24240	Santa Barbara	Santa Rosa Hills	7746		NE part quad	68-I	see slide 7864		not diagnostic			
24241	Santa Barbara	Santa Rosa Hills	7864		EC part of quad	68-I	see slide 7744		no paleo info			
24242	Santa Barbara	Santa Rosa Hills	7871		S of Santa Rosa R	68-I			no paleo info			
24243	Santa Barbara	Santa Rosa Hills	7876		S of Santa Rosa R	68-I			no paleo info			
24244	Santa Barbara	Santa Rosa Hills	7877		S of Santa Rosa R	68-I			no paleo info			
24245	Santa Barbara	Santa Rosa Hills	7878		S of Santa Rosa R	68-I			no paleo info			
24246	Santa Barbara	Santa Rosa Hills	7879		S of Santa Rosa R	68-I		have NP list	no paleo info			
24247	Santa Barbara	Santa Rosa Hills	7885	C	NE part quad	68-I			no paleo info			
24248	Santa Barbara	Santa Rosa Hills	7885	E	NE part quad	68-I			no paleo info			
24249	Santa Barbara	Santa Rosa Hills	7885	LT	NE part quad	68-I			no paleo info			
24250	Santa Barbara	Santa Rosa Hills	9311	1	Can del Agua	81-I		has pollen	not diagnostic			
24251	Santa Barbara	Santa Rosa Hills	9311	2	Can del Agua	81-I			not diagnostic			
24252	Santa Barbara	Santa Rosa Hills	9311	3	Can del Agua	81-I		has pollen	not diagnostic			
24253	Santa Barbara	Santa Rosa Hills	9311	8	Can del Agua	83-F		has pollen	Cret/Paleocene?			
24254	Santa Barbara	Santa Rosa Hills	9311	9	Can del Agua	83-F			Cret/Paleocene?			
24255	Santa Barbara	Santa Rosa Hills	9311	10	Can del Agua	83-F		has pollen	Cret/Paleocene?			
24256	Santa Barbara	Santa Rosa Hills	9311	11	Can del Agua	83-F			Cret/Paleocene?			
24257	Santa Barbara	Santa Rosa Hills	9311	12	Can del Agua	83-F		has pollen	not diagnostic			
24258	Santa Barbara	Santa Rosa Hills	9311	13	Can del Agua	83-F			not diagnostic			
24259	Santa Barbara	Santa Rosa Hills	9311	14	Can del Agua	83-F		has pollen	not diagnostic			
24260	Santa Barbara	Santa Rosa Hills	9311	15	Can del Agua	83-F			not diagnostic			
24261	Santa Barbara	Santa Rosa Hills	9311	16	Can del Agua	83-F			not diagnostic			
24262	Santa Barbara	Santa Rosa Hills	9311	17	Can del Agua	83-F			not diagnostic			
24263	Santa Barbara	Santa Rosa Hills	9311	18	Can del Agua	83-F		has pollen	not diagnostic			
24264	Santa Barbara	Santa Rosa Hills	9311	19	Can del Agua	83-F			not diagnostic			
24265	Santa Barbara	Santa Rosa Hills	11003		EC part of quad	79-H			Eocene	Moberly & H		
24266	Santa Barbara	Santa Rosa Hills	11005		NW part of quad	79-H		area N	Upper Miocene	Hoheisel		
24267	Santa Barbara	Santa Rosa Hills	11337		Los Amoles Creek	79-I			Narizian/Refugian	Kraetsch		
24268	Santa Barbara	Santa Rosa Hills	11338		Los Amoles Creek	79-I			barren	Kraetsch		
24269	Santa Barbara	Santa Rosa Hills	11339		Los Amoles Creek	79-I			prob Eocene	Kraetsch		
24270	Santa Barbara	Santa Rosa Hills	11353		Cabrillo Hwy	79-I			Eocene	Kraetsch		
24271	Santa Barbara	Santa Rosa Hills	11355		E of Amoles Ck	79-I			Eocene A-2 zone	Kraetsch		
24272	Santa Barbara	Santa Rosa Hills	11356		Amoles Creek	79-I			Eocene A zone	Kraetsch		
24273	Santa Barbara	Santa Rosa Hills	11358		Amoles Creek	79-I			U Cret E/F zones	Kraetsch		
24274	Santa Barbara	Santa Rosa Hills	11359		Cabrillo Hwy	79-I			Eocene A-1 zone	Kraetsch		
24275	Santa Barbara	Santa Rosa Hills	11360		S of Ytias Creek	79-I			not diagnostic	Kraetsch		
24276	Santa Barbara	Santa Rosa Hills	11361		S of Ytias Creek	79-J			Narizian/Refugian	Kraetsch		
24277	Santa Barbara	Santa Rosa Hills	11365		SW corner of quad	79-J			Paleocene/Eocene	Kraetsch		
24278	Santa Barbara	Santa Rosa Hills	11759		E of Canada Vina	79-K			not diagnostic	Kraetsch		
24279	Santa Barbara	Santa Rosa Hills	11760		E of Canada Vina	79-K			U Eocene A-1 zone	Kraetsch		
24280	Santa Barbara	Santa Rosa Hills?	2915		not on map	27-B	Los Alamos on slide		no paleo info			
24281	Santa Barbara	Santa Rosa Hills?	2917		not on map	27-B	Los Alamos on slide		no paleo info			
24282	Santa Barbara	Santa Rosa Hills?	2918		not on map	27-B	Los Alamos on slide		no paleo info			
24283	Santa Barbara	Santa Rosa Hills?	2919		not on map	27-B	Los Alamos on slide		no paleo info			
24284	Santa Barbara	Santa Rosa Hills?	2920		not on map	27-B	Los Alamos on slide		no paleo info			
24285	Santa Barbara	Santa Rosa Hills?	7883		not found	68-I	sa Chanchuella Pt	have NP list	no paleo info			
24286	Santa Barbara	Santa Rosa Hills?	7884		not found	68-I			no paleo info			
24287	Santa Barbara	Santa Rosa Island	239	3	Santa Rosa Is	42-L	Elk Mountain but	Have strat	not diagnostic	Barlow &		
24288	Santa Barbara	Santa Rosa Island	239	4	Santa Rosa Is	42-L	not on map	column	Relizian	Barlow &		
24289	Santa Barbara	Santa Rosa Island	239	6	Santa Rosa Is	42-L			not diagnostic	Barlow &		
24290	Santa Barbara	Santa Rosa Island	239	7	Santa Rosa Is	42-L			Relizian	Barlow &		
24291	Santa Barbara	Santa Rosa Island E	4918		S of Beechers Bay	42-J			Upper Saucesian	Barlow		
24292	Santa Barbara	Santa Rosa Island E	4919		S of Beechers Bay	42-J			Upper Saucesian	Barlow		
24293	Santa Barbara	Santa Rosa Island E	4921		S of Beechers Bay	42-J	see also SBe	Tumey H	Miocene	Barlow		
24294	Santa Barbara	Santa Rosa Island E	4922		S of Beechers Bay	42-J	see also SBe	Tumey H	L or M Miocene	Barlow		
24295	Santa Barbara	Santa Rosa Island E	4923		S of Beechers Bay	42-J			L or M Miocene	Barlow		
24296	Santa Barbara	Santa Rosa Island E	4924		S of Beechers Bay	42-J			Saucesian	Barlow		
24297	Santa Barbara	Santa Rosa Island E	4927		E of Arlington Cyn	42-J			Sauc/Relizian	Barlow		
24298	Santa Barbara	Santa Rosa Island East	232	5	W part of quad	26-F			U Eoc A-2 zone			
24299	Santa Barbara	Santa Rosa Island East	232	1	East Point	42-K	strat column		Saucesian?	Samp		
24300	Santa Barbara	Santa Rosa Island East	232	2	East Point	42-K			Saucesian?	Samp		
24301	Santa Barbara	Santa Rosa Island East	232	4	East Point	42-K			Saucesian?	Samp		
24302	Santa Barbara	Santa Rosa Island East	232	6	East Point	42-K			Saucesian?	Samp		
24303	Santa Barbara	Santa Rosa Island East	232	7	East Point	42-K			Saucesian?	Samp		
24304	Santa Barbara	Santa Rosa Island East	232	8	East Point	42-K			Saucesian?	Samp		
24305	Santa Barbara	Santa Rosa Island East	232	9	East Point	42-K			Saucesian?	Samp		
24306	Santa Barbara	Santa Rosa Island East	232	10	East Point	42-K			Saucesian?	Samp		
24307	Santa Barbara	Santa Rosa Island East	232	11	East Point	42-K			Saucesian?	Samp		
24308	Santa Barbara	Santa Rosa Island East	232	12	East Point	42-K			Saucesian?	Samp		

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
24309	Santa Barbara	Santa Rosa Island Ea	232	13	East Point	42-K			Saucesian?	Samp		
24310	Santa Barbara	Santa Rosa Island Ea	232	15	East Point	42-K			Saucesian?	Samp		
24311	Santa Barbara	Santa Rosa Island Ea	232	16	East Point	42-K			Saucesian?	Samp		
24312	Santa Barbara	Santa Rosa Island N	130	3	Carrington Point	26-F			probably Luisian			
24313	Santa Barbara	Santa Rosa Island N	233	1	SE part of quad	42-L	"Pecho Peak"	have strat	barren			
24314	Santa Barbara	Santa Rosa Island N	233	2	SE part of quad	42-L		column	Saucesian			
24315	Santa Barbara	Santa Rosa Island N	233	3	SE part of quad	42-L			Saucesian			
24316	Santa Barbara	Santa Rosa Island N	233	4	SE part of quad	42-L			Prob. Saucesian			
24317	Santa Barbara	Santa Rosa Island N	233	5	SE part of quad	42-L			barren			
24318	Santa Barbara	Santa Rosa Island N	233	6	SE part of quad	42-L			Miocene			
24319	Santa Barbara	Santa Rosa Island N	233	7	SE part of quad	42-L			Zemorrian			
24320	Santa Barbara	Santa Rosa Island N	234	1	SE part of quad	42-N	"Pecho Peak"	not on map	barren			
24321	Santa Barbara	Santa Rosa Island N	234	2	SE part of quad	42-N	"Pecho Peak"	not on map	Lower Miocene			
24322	Santa Barbara	Santa Rosa Island N	237	3	WC part of quad	42-L			Relizian			
24323	Santa Barbara	Santa Rosa Island N	237	4	WC part of quad	42-L			Relizian			
24324	Santa Barbara	Santa Rosa Island N	237	5	WC part of quad	42-L			Relizian			
24325	Santa Barbara	Santa Rosa Island N	237	6	WC part of quad	42-L			Saucesian			
24326	Santa Barbara	Santa Rosa Island N	237	8	WC part of quad	42-L			Saucesian			
24327	Santa Barbara	Santa Rosa Island N	237	9	WC part of quad	42-L			Saucesian			
24328	Santa Barbara	Santa Rosa Island N	237	10	WC part of quad	42-L			Saucesian			
24329	Santa Barbara	Santa Rosa Island N	237	11	WC part of quad	42-L			Saucesian			
24330	Santa Barbara	Santa Rosa Island N	237	12	WC part of quad	42-L			Saucesian			
24331	Santa Barbara	Santa Rosa Island N	237	13	WC part of quad	42-L			Saucesian			
24332	Santa Barbara	Santa Rosa Island N	237	14	WC part of quad	42-L			Saucesian			
24333	Santa Barbara	Santa Rosa Island N	237	15	WC part of quad	42-L			Saucesian			
24334	Santa Barbara	Santa Rosa Island N	237	16	WC part of quad	42-L			Saucesian			
24335	Santa Barbara	Santa Rosa Island N	237	18	WC part of quad	42-L			Saucesian			
24336	Santa Barbara	Santa Rosa Island N	4916		NW anchorage	42-J			Sauc/Relizian	Barlow		
24337	Santa Barbara	Santa Rosa Island N	4920		S. Rosa Is	42-J			L or M Miocene	Barlow		
24338	Santa Barbara	Santa Rosa Island N	4926		E of Arlington Cyn	42-J			no paleo info	Barlow		
24339	Santa Barbara	Santa Rosa Island N?	251	1	not on map	42-M	strat column		Sauc/ Relizian			
24340	Santa Barbara	Santa Rosa Island N?	251	5	not on map	42-M	strat column		Saucesian/Relizian			
24341	Santa Barbara	Santa Rosa Island No	131	31	not on map	26-F			Upper Saucesian			
24342	Santa Barbara	Santa Rosa Island No	4851	A	not on map	42-J	"Pecho Peak"		Miocene			
24343	Santa Barbara	Santa Rosa Island No	4851	B	not on map	42-J	SE corner of quad	flood planktics	Saucesian?			
24344	Santa Barbara	Santa Rosa Island S	230	2	Wreck Canyon	42-K		Have strat	Upper Eocene			
24345	Santa Barbara	Santa Rosa Island S	230	3	Wreck Canyon	42-K		column	Upper Eocene			
24346	Santa Barbara	Santa Rosa Island S	230	4	Wreck Canyon	42-K			Upper Eocene			
24347	Santa Barbara	Santa Rosa Island S	230	7	Wreck Canyon	42-K			Upper Eocene			
24348	Santa Barbara	Santa Rosa Island S	230	8	Wreck Canyon	42-K			Upper Eocene			
24349	Santa Barbara	Santa Rosa Island S	230	9	Wreck Canyon	42-K			Upper Eocene			
24350	Santa Barbara	Santa Rosa Island S	230	10	Wreck Canyon	42-K			Upper Eocene			
24351	Santa Barbara	Santa Rosa Island S	230	11	Wreck Canyon	42-K			Upper Eocene			
24352	Santa Barbara	Santa Rosa Island S	230	12	Wreck Canyon	42-K			Upper Eocene			
24353	Santa Barbara	Santa Rosa Island S	230	13	Wreck Canyon	42-K			Upper Eocene			
24354	Santa Barbara	Santa Rosa Island S	230	15	Wreck Canyon	42-K			Upper Eocene			
24355	Santa Barbara	Santa Rosa Island S	230	16	Wreck Canyon	42-K			Upper Eocene			
24356	Santa Barbara	Santa Rosa Island S	230	17	Wreck Canyon	42-K			Upper Eocene			
24357	Santa Barbara	Santa Rosa Island S	230	18	Wreck Canyon	42-K			Upper Eocene			
24358	Santa Barbara	Santa Rosa Island S	230	19	Wreck Canyon	42-K			Upper Eocene			
24359	Santa Barbara	Santa Rosa Island S	230	20	Wreck Canyon	42-K			Upper Eocene			
24360	Santa Barbara	Santa Rosa Island S	230	21	Wreck Canyon	42-K			Upper Eocene			
24361	Santa Barbara	Santa Rosa Island S	230	22	Wreck Canyon	42-K			Upper Eocene			
24362	Santa Barbara	Santa Rosa Island S	230	23	Wreck Canyon	42-K			Upper Eocene			
24363	Santa Barbara	Santa Rosa Island S	230	25	Wreck Canyon	42-K			Upper Eocene			
24364	Santa Barbara	Santa Rosa Island S	230	26	Wreck Canyon	42-K			Upper Eocene			
24365	Santa Barbara	Santa Rosa Island S	230	27	Wreck Canyon	42-K			Upper Eocene			
24366	Santa Barbara	Santa Rosa Island S	230	28	Wreck Canyon	42-K			Upper Eocene			
24367	Santa Barbara	Santa Rosa Island S	231	8	NE part of quad	42-K			not diagnostic			
24368	Santa Barbara	Santa Rosa Island S	231	8B	NE part of quad	42-K			not diagnostic			
24369	Santa Barbara	Santa Rosa Island S	231	9	NE part of quad	42-K			not diagnostic			
24370	Santa Barbara	Santa Rosa Island S	231	17	NE part of quad	42-K			not diagnostic			
24371	Santa Barbara	Santa Rosa Island S	231	19	NE part of quad	42-K			not diagnostic			
24372	Santa Barbara	Santa Rosa Island S	249	2	NE corner of quad	42-I	strat column		Saucesian			
24373	Santa Barbara	Santa Rosa Island S	249	3	NE corner of quad	42-I	strat column		Saucesian			
24374	Santa Barbara	Santa Rosa Island S	249	4	NE corner of quad	42-I	strat column		Saucesian			
24375	Santa Barbara	Santa Rosa Island S	250	2	NE corner of quad	42-M			Saucesian			
24376	Santa Barbara	Santa Rosa Island S	250	3	NE corner of quad	42-M			Saucesian			
24377	Santa Barbara	Santa Rosa Island S	250	5	NE corner of quad	42-M			Saucesian			
24378	Santa Barbara	Santa Rosa Island S	250	6A	NE corner of quad	42-M			Saucesian			
24379	Santa Barbara	Santa Rosa Island S	250	7	NE corner of quad	42-M			Saucesian			
24380	Santa Barbara	Santa Rosa Island S	250	8	NE corner of quad	42-M			Saucesian			
24381	Santa Barbara	Santa Rosa Island S	254	9	WC part of quad	42-M			Upper Saucesian	Barlow &		
24382	Santa Barbara	Santa Rosa Island S	254	10	WC part of quad	42-M			barren			
24383	Santa Barbara	Santa Rosa Island S	254	11	WC part of quad	42-M			Upper Saucesian			
24384	Santa Barbara	Santa Rosa Island S	254	12	WC part of quad	42-M			Upper Saucesian			
24385	Santa Barbara	Santa Rosa Island S	254	13	WC part of quad	42-M			Upper Saucesian			
24386	Santa Barbara	Santa Rosa Island S	254	14	WC part of quad	42-M			Upper Saucesian			
24387	Santa Barbara	Santa Rosa Island S	255	1	not on map	20-L		Pecten	Miocene			
24388	Santa Barbara	Santa Rosa Island S	255	2	not on map	42-M			Upper Miocene			
24389	Santa Barbara	Santa Rosa Island S	255	5	not on map	42-M			not diagnostic			
24390	Santa Barbara	Santa Rosa Island S	255	6A	not on map	42-M			Upper Miocene			
24391	Santa Barbara	Santa Rosa Island S	255	6B	not on map	20-L			no paleo info			
24392	Santa Barbara	Santa Rosa Island S	255	7	not on map	42-M			L or M Miocene			
24393	Santa Barbara	Santa Rosa Island S	255	8	not on map	42-M			L or M Miocene			

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
24394	Santa Barbara	Santa Rosa Island S	255	9	not on map	42-M			Relizian			
24395	Santa Barbara	Santa Rosa Island S	256	1	not on map	42-M	strat column		Saucesian	Thompson		
24396	Santa Barbara	Santa Rosa Island S	256	3	not on map	42-M	strat column		Saucesian			
24397	Santa Barbara	Santa Rosa Island S	256	4	not on map	42-M	strat column		Saucesian			
24398	Santa Barbara	Santa Rosa Island S	256	5	not on map	42-M	strat column		Saucesian			
24399	Santa Barbara	Santa Rosa Island S	256	6	not on map	42-M	strat column		Saucesian			
24400	Santa Barbara	Santa Rosa Island S	256	7	not on map	42-M	strat column		Relizian			
24401	Santa Barbara	Santa Rosa Island S	4914		South Point	42-J			U Eocene A-2 zone	Barlow		
24402	Santa Barbara	Santa Rosa Island S	4915		South Point	42-J			U Eocene A-2 zone	Barlow		
24403	Santa Barbara	Santa Rosa Island S	4917		South Point	42-J			not diagnostic	Barlow		
24404	Santa Barbara	Santa Rosa Island S	4925		near hill 1028	42-J			Eocene	Barlow		
24405	Santa Barbara	Santa Rosa Island S	4931		W of Ford Point	42-J			prob Eocene	Barlow		
24406	Santa Barbara	Santa Rosa Island S	4932		Johnsons Lee	42-J			Eocene	Barlow		
24407	Santa Barbara	Santa Rosa Island S	133	16	W half of Island	26-F			Saucesian/Relizian			
24408	Santa Barbara	Santa Rosa Island S	133	20	W half of Island	26-F			u			
24409	Santa Barbara	Santa Rosa Island S	133	21	W half of Island	26-F			U Eocene A-2 zone			
24410	Santa Barbara	Santa Rosa Island S	134	2	E half of Island	26-F			Miocene			
24411	Santa Barbara	Santa Rosa Island S	134	9	E half of Island	26-F			U Eocene A-2 zone			
24412	Santa Barbara	Santa Rosa Island S	134	10	E half of Island	26-F			?U Eocene A-2 zone			
24413	Santa Barbara	Santa Rosa Island S	134	11	E half of Island	26-F			U Eocene A-2 zone			
24414	Santa Barbara	Santa Rosa Island S	134	12	E half of Island	26-F			U Eocene A-2 zone			
24415	Santa Barbara	Santa Rosa Island S	134	13	E half of Island	26-F			U Eocene A-2 zone			
24416	Santa Barbara	Santa Rosa Island S	134	15	E half of Island	26-F			? Upper Eocene			
24417	Santa Barbara	Santa Rosa Island W	4928		EC part of quad	42-J			no paleo info	Barlow		
24418	Santa Barbara	Santa Rosa Island We	237	17	NE part of quad	42-L			Saucesian			
24419	Santa Barbara	Santa Rosa Island We	237	20	NE part of quad	42-L			Saucesian			
24420	Santa Barbara	Santa Rosa Island We	237	21	NE part of quad	42-L			Saucesian			
24421	Santa Barbara	Santa Rosa Island We	237	22A	NE part of quad	42-L			barren			
24422	Santa Barbara	Santa Rosa Island We	237	23B	NE part of quad	42-L			barren			
24423	Santa Barbara	Santa Rosa Island We	237	29	NE part of quad	42-L			barren			
24424	Santa Barbara	Santa Rosa Island We	237	31	NE part of quad	42-L			barren			
24425	Santa Barbara	Santa Rosa Island We	237	32	NE part of quad	42-L			U Zemorrian?			
24426	Santa Barbara	Santa Ynez	45	1	San Lucas Creek	68-B	Los Olivos 15'		no paleo info	Kraetsch		
24427	Santa Barbara	Santa Ynez	45	2	San Lucas Creek	68-B	Los Olivos 15'		no paleo info	Kraetsch		
24428	Santa Barbara	Santa Ynez	45	3	San Lucas Creek	68-B	Los Olivos 15'		no paleo info	Kraetsch		
24429	Santa Barbara	Santa Ynez	45	4	San Lucas Creek	68-B	Los Olivos 15'		no paleo info	Kraetsch		
24430	Santa Barbara	Santa Ynez	45	5	San Lucas Creek	68-B	Los Olivos 15'		no paleo info	Kraetsch		
24431	Santa Barbara	Santa Ynez	45	6	San Lucas Creek	68-B	Los Olivos 15'		no paleo info	Kraetsch		
24432	Santa Barbara	Santa Ynez	184	1	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24433	Santa Barbara	Santa Ynez	184	2	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24434	Santa Barbara	Santa Ynez	184	3	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24435	Santa Barbara	Santa Ynez	184	4	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24436	Santa Barbara	Santa Ynez	184	5	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24437	Santa Barbara	Santa Ynez	184	6	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24438	Santa Barbara	Santa Ynez	184	7	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24439	Santa Barbara	Santa Ynez	184	8	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24440	Santa Barbara	Santa Ynez	184	9	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24441	Santa Barbara	Santa Ynez	184	10	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24442	Santa Barbara	Santa Ynez	184	11	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24443	Santa Barbara	Santa Ynez	184	12	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24444	Santa Barbara	Santa Ynez	184	13A	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24445	Santa Barbara	Santa Ynez	184	13B	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24446	Santa Barbara	Santa Ynez	184	13C	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24447	Santa Barbara	Santa Ynez	184	14	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24448	Santa Barbara	Santa Ynez	184	15	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24449	Santa Barbara	Santa Ynez	184	16	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24450	Santa Barbara	Santa Ynez	184	18	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24451	Santa Barbara	Santa Ynez	184	19	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24452	Santa Barbara	Santa Ynez	184	20	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24453	Santa Barbara	Santa Ynez	184	21	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24454	Santa Barbara	Santa Ynez	184	24	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24455	Santa Barbara	Santa Ynez	184	25	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24456	Santa Barbara	Santa Ynez	184	26	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24457	Santa Barbara	Santa Ynez	184	27	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24458	Santa Barbara	Santa Ynez	184	28	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24459	Santa Barbara	Santa Ynez	184	29	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24460	Santa Barbara	Santa Ynez	184	30	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24461	Santa Barbara	Santa Ynez	184	31	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24462	Santa Barbara	Santa Ynez	184	32	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24463	Santa Barbara	Santa Ynez	184	33	Refugio Pass area	9-K	Los Olivos 15'		Eocene			
24464	Santa Barbara	Santa Ynez	185	1	Refugio Pass area	8-L	Los Olivos 15'		Eocene			
24465	Santa Barbara	Santa Ynez	185	2	Refugio Pass area	8-L	Los Olivos 15'		Eocene			
24466	Santa Barbara	Santa Ynez	185	3	Refugio Pass area	8-L	Los Olivos 15'		Eocene			
24467	Santa Barbara	Santa Ynez	185	4	Refugio Pass area	8-L	Los Olivos 15'		Eocene			
24468	Santa Barbara	Santa Ynez	185	5	Refugio Pass area	8-L	Los Olivos 15'		Eocene			
24469	Santa Barbara	Santa Ynez	185	6	Refugio Pass area	8-L	Los Olivos 15'		Eocene			
24470	Santa Barbara	Santa Ynez	186	1	Refugio Pass area	36-G	Los Olivos 15'		possibly Eocene			
24471	Santa Barbara	Santa Ynez	186	2	Refugio Pass area	36-G	Los Olivos 15'		possibly Eocene			
24472	Santa Barbara	Santa Ynez	186	3	Refugio Pass area	36-G	Los Olivos 15'		possibly Eocene			
24473	Santa Barbara	Santa Ynez	186	4	Refugio Pass area	36-G	Los Olivos 15'		possibly Eocene			
24474	Santa Barbara	Santa Ynez	186	5	Refugio Pass area	36-G	Los Olivos 15'		possibly Eocene			
24475	Santa Barbara	Santa Ynez	186	6	Refugio Pass area	36-G	Los Olivos 15'		possibly Eocene			
24476	Santa Barbara	Santa Ynez	187	1	Refugio Pass area	39-G	Los Olivos 15'		Eocene			
24477	Santa Barbara	Santa Ynez	187	2	Refugio Pass area	39-G	Los Olivos 15'		Eocene			
24478	Santa Barbara	Santa Ynez	187	3	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	ZONE/SERIES/AGI	COLLECTORS		
24479	Santa Barbara	Santa Ynez	187	4	Refugio Pass area	39-G	Los Olivos 15'		Eocene			
24480	Santa Barbara	Santa Ynez	187	5	Refugio Pass area	39-G	Los Olivos 15'		Eocene			
24481	Santa Barbara	Santa Ynez	187	6	Refugio Pass area	39-G	Los Olivos 15'		Eocene			
24482	Santa Barbara	Santa Ynez	187	9	Refugio Pass area	39-G	Los Olivos 15'		Eocene			
24483	Santa Barbara	Santa Ynez	187	10	Refugio Pass area	39-G	Los Olivos 15'		Eocene			
24484	Santa Barbara	Santa Ynez	187	12	Refugio Pass area	39-G	Los Olivos 15'		Eocene			
24485	Santa Barbara	Santa Ynez	221	1	W of Refugio Pass	60-D	strat column		Eocene	Weaver		
24486	Santa Barbara	Santa Ynez	221	11	W of Refugio Pass	60-D	strat column		Eocene	Weaver		
24487	Santa Barbara	Santa Ynez	221	16	W of Refugio Pass	60-D	strat column		Eocene	Weaver		
24488	Santa Barbara	Santa Ynez	221	17	W of Refugio Pass	60-D	strat column		Eocene	Weaver		
24489	Santa Barbara	Santa Ynez	221	18	W of Refugio Pass	60-D	strat column		Eocene	Weaver		
24490	Santa Barbara	Santa Ynez	221	19	W of Refugio Pass	60-D	strat column	Locations from	Eocene	Weaver		
24491	Santa Barbara	Santa Ynez	221	20	W of Refugio Pass	60-D	strat column	index map in	Eocene	Weaver		
24492	Santa Barbara	Santa Ynez	221	23	W of Refugio Pass	60-D	strat column	paleo report.	Eocene	Weaver		
24493	Santa Barbara	Santa Ynez	221	24	W of Refugio Pass	60-D	strat column	Must change	Eocene	Weaver		
24494	Santa Barbara	Santa Ynez	221	27	W of Refugio Pass	60-D	strat column	field numbers	Eocene	Weaver		
24495	Santa Barbara	Santa Ynez	221	28	W of Refugio Pass	60-D	strat column	to paleo slide	Eocene	Weaver		
24496	Santa Barbara	Santa Ynez	221	29	W of Refugio Pass	60-D	strat column	numbers.	Eocene	Weaver		
24497	Santa Barbara	Santa Ynez	221	30	W of Refugio Pass	60-D	strat column		Eocene	Weaver		
24498	Santa Barbara	Santa Ynez	221	31	W of Refugio Pass	60-D	strat column		Eocene	Weaver		
24499	Santa Barbara	Santa Ynez	221	32	W of Refugio Pass	60-D	strat column		Eocene	Weaver		
24500	Santa Barbara	Santa Ynez	221	33	W of Refugio Pass	60-D	strat column		Eocene	Weaver		
24501	Santa Barbara	Santa Ynez	221	34	W of Refugio Pass	60-D	strat column		Eocene	Weaver		
24502	Santa Barbara	Santa Ynez	221	35	W of Refugio Pass	60-D	strat column		Eocene	Weaver		
24503	Santa Barbara	Santa Ynez	221	36	W of Refugio Pass	60-D	strat column		Eocene	Weaver		
24504	Santa Barbara	Santa Ynez	221	69	N of Refugio Pass	60-D	strat column		Eocene	Weaver		
24505	Santa Barbara	Santa Ynez	221	83	N of Refugio Pass	60-D	strat column		Eocene	Weaver		
24506	Santa Barbara	Santa Ynez	221	87	N of Refugio Pass	60-D	strat column		Eocene	Weaver		
24507	Santa Barbara	Santa Ynez	221	91	N of Refugio Pass	60-D	strat column		Eocene	Weaver		
24508	Santa Barbara	Santa Ynez	221	92	N of Refugio Pass	60-D	strat column		Eocene	Weaver		
24509	Santa Barbara	Santa Ynez	221	94	N of Refugio Pass	60-D	strat column		Eocene	Weaver		
24510	Santa Barbara	Santa Ynez	221	95	N of Refugio Pass	60-D	strat column		Eocene	Weaver		
24511	Santa Barbara	Santa Ynez	221	96	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24512	Santa Barbara	Santa Ynez	221	97	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24513	Santa Barbara	Santa Ynez	221	98	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24514	Santa Barbara	Santa Ynez	221	99	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24515	Santa Barbara	Santa Ynez	221	100	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24516	Santa Barbara	Santa Ynez	221	103	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24517	Santa Barbara	Santa Ynez	221	104	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24518	Santa Barbara	Santa Ynez	221	106	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24519	Santa Barbara	Santa Ynez	221	108	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24520	Santa Barbara	Santa Ynez	221	110	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24521	Santa Barbara	Santa Ynez	221	111	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24522	Santa Barbara	Santa Ynez	221	118	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24523	Santa Barbara	Santa Ynez	221	119	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24524	Santa Barbara	Santa Ynez	221	120	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24525	Santa Barbara	Santa Ynez	221	124	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24526	Santa Barbara	Santa Ynez	221	126	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24527	Santa Barbara	Santa Ynez	221	127	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24528	Santa Barbara	Santa Ynez	221	129	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24529	Santa Barbara	Santa Ynez	221	131	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24530	Santa Barbara	Santa Ynez	221	132	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24531	Santa Barbara	Santa Ynez	221	133-1	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24532	Santa Barbara	Santa Ynez	221	133-2	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24533	Santa Barbara	Santa Ynez	221	133-201	N of Refugio Pass	60-E	strat column		Eocene	Weaver		
24534	Santa Barbara	Santa Ynez	521	1	Refugio Pass area	59-M			no paleo info			
24535	Santa Barbara	Santa Ynez	521	2	Refugio Pass area	59-M			no paleo info			
24536	Santa Barbara	Santa Ynez	521	3	Refugio Pass area	59-M			no paleo info			
24537	Santa Barbara	Santa Ynez	521	4	Refugio Pass area	59-M			no paleo info			
24538	Santa Barbara	Santa Ynez	524	1	C Capitan Lodge R	60-M		Los Olivos 15'	Paleocene?			
24539	Santa Barbara	Santa Ynez	524	2	C Capitan Lodge R	60-M		Los Olivos 15'	Paleocene?			
24540	Santa Barbara	Santa Ynez	524	3	C Capitan Lodge R	60-M		Los Olivos 15'	Paleocene?			
24541	Santa Barbara	Santa Ynez	524	4	C Capitan Lodge R	60-M		Los Olivos 15'	Paleocene?			
24542	Santa Barbara	Santa Ynez	524	6	C Capitan Lodge R	60-M		Los Olivos 15'	Paleocene?			
24543	Santa Barbara	Santa Ynez	524	7	C Capitan Lodge R	60-M		Los Olivos 15'	Paleocene?			
24544	Santa Barbara	Santa Ynez	524	8	C Capitan Lodge R	60-M		Los Olivos 15'	Paleocene?			
24545	Santa Barbara	Santa Ynez	524	9	C Capitan Lodge R	60-M		Los Olivos 15'	Paleocene?			
24546	Santa Barbara	Santa Ynez	1827		NW of Refugio Pass	69-D	Los Olivos 15'		no paleo info	Zeni-Hoh		
24547	Santa Barbara	Santa Ynez	2537		center of quad	69-I	Los Olivos 15'		Miocene			
24548	Santa Barbara	Santa Ynez	2538		center of quad	69-I	Los Olivos 15'		Miocene			
24549	Santa Barbara	Santa Ynez	2539		center of quad	69-I	Los Olivos 15'		barren			
24550	Santa Barbara	Santa Ynez	2540		center of quad	69-I	Los Olivos 15'		barren			
24551	Santa Barbara	Santa Ynez	2541		center of quad	69-I	Los Olivos 15'		Lower Relizian			
24552	Santa Barbara	Santa Ynez	2542		center of quad	69-I	Los Olivos 15'		Luisian			
24553	Santa Barbara	Santa Ynez	2543		center of quad	69-I	Los Olivos 15'		no paleo info			
24554	Santa Barbara	Santa Ynez	2544		center of quad	69-I	Los Olivos 15'		no paleo info			
24555	Santa Barbara	Santa Ynez	2544		center of quad	69-I	Los Olivos 15'		no paleo info			
24556	Santa Barbara	Santa Ynez	2545		center of quad	69-I	Los Olivos 15'		U Eocene A zone			
24557	Santa Barbara	Santa Ynez	2546		Refugio Pass area	69-I	Los Olivos 15'		not diagnostic			
24558	Santa Barbara	Santa Ynez	2547		Refugio Pass area	69-I	Los Olivos 15'		no paleo info			
24559	Santa Barbara	Santa Ynez	3847	A	WC part of quad	69-K	Los Olivos 15'		not diagnostic	Kraetsch		
24560	Santa Barbara	Santa Ynez	3847	B	WC part of quad	69-K	Los Olivos 15'		not diagnostic	Kraetsch		
24561	Santa Barbara	Santa Ynez	3847	C	WC part of quad	69-K	Los Olivos 15'		not diagnostic	Kraetsch		
24562	Santa Barbara	Santa Ynez	3848		WC part of quad	69-K	Los Olivos 15'		not diagnostic	Kraetsch		
24563	Santa Barbara	Santa Ynez	3851		Quiota Creek	69-K	Los Olivos 15'		Middle Miocene	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		
24564	Santa Barbara	Santa Ynez	3853		Quiota Creek	69-K	Los Olivos 15'		Upper Zemorrian	Kraetsch		
24565	Santa Barbara	Santa Ynez	3854		Quiota Creek	69-K	Los Olivos 15'		barren	Kraetsch		
24566	Santa Barbara	Santa Ynez	3855		Quiota Creek	69-K	Los Olivos 15'		Relizian	Kraetsch		
24567	Santa Barbara	Santa Ynez	3856		Quiota Creek	69-K	Los Olivos 15'		Miocene	Kraetsch		
24568	Santa Barbara	Santa Ynez	3857		Quiota Creek	69-K	Los Olivos 15'		Miocene	Kraetsch		
24569	Santa Barbara	Santa Ynez	3858		San Lucas Creek	69-K	Los Olivos 15'		barren	Kraetsch		
24570	Santa Barbara	Santa Ynez	3859		San Lucas Creek	69-K	Los Olivos 15'		Miocene	Kraetsch		
24571	Santa Barbara	Santa Ynez	3860		San Lucas Creek	69-K	Los Olivos 15'		Lower Mohnian	Kraetsch		
24572	Santa Barbara	Santa Ynez	4774		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
24573	Santa Barbara	Santa Ynez	4775		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
24574	Santa Barbara	Santa Ynez	4776		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
24575	Santa Barbara	Santa Ynez	4778		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
24576	Santa Barbara	Santa Ynez	4779		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
24577	Santa Barbara	Santa Ynez	4781	A	Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
24578	Santa Barbara	Santa Ynez	4781	B	Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
24579	Santa Barbara	Santa Ynez	4782		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
24580	Santa Barbara	Santa Ynez	4783		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
24581	Santa Barbara	Santa Ynez	4784		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
24582	Santa Barbara	Santa Ynez	4787	A	Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
24583	Santa Barbara	Santa Ynez	4787	B	Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
24584	Santa Barbara	Santa Ynez	4788		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
24585	Santa Barbara	Santa Ynez	4789		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
24586	Santa Barbara	Santa Ynez	4790		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
24587	Santa Barbara	Santa Ynez	4791		Refugio Pass area	11-H	Los Olivos 15'		no paleo info			
24588	Santa Barbara	Santa Ynez	5152		not on map	37-K	Los Olivos 15'		Miocene			
24589	Santa Barbara	Santa Ynez	5152		Refugio Pass	37-L	Los Olivos 15'		Rincon sh	Miocene		
24590	Santa Barbara	Santa Ynez	6668		Refugio Pass area	60-M	Los Olivos 15'		no paleo info			
24591	Santa Barbara	Santa Ynez	6669		Refugio Pass area	60-M	Los Olivos 15'		no paleo info			
24592	Santa Barbara	Santa Ynez	11006		Santa Ynez River	164-N		area N	prob U Mohnian	Hoheisel		
24593	Santa Barbara	Santa Ynez	11007	A	Santa Ynez River	164-N			not diagnostic	Hoheisel		
24594	Santa Barbara	Santa Ynez	11007	B	Santa Ynez River	164-N			not diagnostic	Hoheisel		
24595	Santa Barbara	Santa Ynez	11369		Quiota Creek	79-J	Los Olivos 15'		Zemorrian	Kraetsch		
24596	Santa Barbara	Santa Ynez	11616		Wons Creek	79-K	Los Olivos 15'		Zemorrian	Kraetsch		
24597	Santa Barbara	Santa Ynez	11625		Santa Ynez River	79-K	Los Olivos 15'		Luisian	Hoheisel		
24598	Kern	Santiago Creek	341	P6	NE part of quad	66-N			no paleo info	Darke		
24599	Kern	Santiago Creek	1780		S. Emidio Cyn	37-N	also has #2045	flood Siphog.	no paleo info	Gealey		
24600	Kern	Santiago Creek	2045		NE corner of quad	73-L	on slide #1780		no paleo info	Parker		
24601	Kern	Santiago Creek	2701		SC part of quad	89-M		age from map	Saucesian	Papp		
24602	Kern	Santiago Creek	5277	H	Santiago Creek	11-B	12/10N/23W		no paleo info	Classen &		
24603	Kern	Santiago Creek	9180		Santiago Creek	74-M	Pioneer anticline		no paleo info			
24604	Kern	Santiago Creek	9181	A	Muddy Creek	74-M	Pioneer anticline		no paleo info			
24605	Kern	Santiago Creek	9181	B	Muddy Creek	74-M	Pioneer anticline		no paleo info			
24606	Kern	Santiago Creek	9460		Bitter Creek	137-B			no paleo info			
24607	Kern	Santiago Creek	9464		W of Santiago Ck	137-B			no paleo info			
24608	Kern	Santiago Creek	9601		Strat column and	70-F	Peculiar fauna with mostly new		Eocene?	Hornaday		
24609	Kern	Santiago Creek	9602		slides say Mt Abel	70-F	forms. Closest faunal similarity		Eocene?	Hornaday		
24610	Kern	Santiago Creek	9603		in Santiago Creek	70-F	is Cape Blanco Eocene, Oregon.		Eocene?	Hornaday		
24611	Kern	Santiago Creek	9604		quad, but not on	70-F	Mapped near Mt Abel as Miocene		Eocene?	Hornaday		
24612	Kern	Santiago Creek	9606		map. One slide	70-F	Also has many ostracods. Picked		Eocene?	Hornaday		
24613	Kern	Santiago Creek	9607		indicates Cuyama	70-F	slides.		Eocene?	Hornaday		
24614	Kern	Santiago Creek	9609		area.	70-F			Eocene?	Hornaday		
24615	Kern	Santiago Creek	9635	1	Santiago Ck	34-F	not on map		no paleo info	RAO & THR		
24616	Kern	Santiago Creek	9635	2	Santiago Ck	34-F	not on map		no paleo info	RAO & THR		
24617	Kern	Santiago Creek	11262		W of Santiago Ck	12-J			no paleo info	Classen		
24618	Kern	Santiago Creek	11265	A	W of Santiago Ck	12-J			no paleo info	Classen		
24619	Kern	Santiago Creek	11272	B	W of Santiago Ck	12-J			no paleo info	Classen		
24620	Kern	Santiago Creek	11620	7	E of Muddy Creek	197-K	have strat column		not diagnostic			
24621	Kern	Santiago Creek	11620	9	E of Muddy Creek	197-K	have strat column		not diagnostic			
24622	Kern	Santiago Creek	11620	10	E of Muddy Creek	197-K	have strat column		Refugian			
24623	Kern	Santiago Creek	11622	1	Muddy Creek	197-K	have strat column		Eocene			
24624	Kern	Santiago Creek	11622	2	Muddy Creek	197-K	have strat column		not diagnostic			
24625	Kern	Santiago Creek	11622	4	Muddy Creek	197-K	have strat column		not diagnostic			
24626	Kern	Santiago Creek	11622	6	Muddy Creek	197-K	have strat column		not diagnostic			
24627	Kern	Santiago Creek	11622	7	Muddy Creek	197-K	have strat column		not diagnostic			
24628	Kern	Santiago Creek	11622	13A	Muddy Creek	197-K	have strat column		not diagnostic			
24629	Kern	Santiago Creek	11622	14	Muddy Creek	197-K	have strat column		not diagnostic			
24630	Kern	Santiago Creek	11623	16	Muddy Creek	197-K	have strat column		not diagnostic			
24631	Kern	Santiago Creek	11623	19	Muddy Creek	197-K	have strat column		not diagnostic			
24632	Kern	Santiago Creek	11623	25	Muddy Creek	197-K	have strat column		not diagnostic			
24633	Kern	Santiago Creek	11623	27	Muddy Creek	197-K	have strat column		not diagnostic			
24634	Kern	Santiago Creek	11623	28	Muddy Creek	197-K	have strat column		not diagnostic			
24635	Kern	Santiago Creek	11623	30	Muddy Creek	197-L	have strat column		not diagnostic			
24636	Kern	Santiago Creek	11623	33	Muddy Creek	197-L	have strat column		not diagnostic			
24637	Kern	Santiago Creek	11623	34	Muddy Creek	197-L	have strat column		not diagnostic			
24638	Kern	Santiago Creek	11623	35	Muddy Creek	197-L	have strat column		not diagnostic			
24639	Kern	Santiago Creek	11623	36	Muddy Creek	197-L	have strat column		not diagnostic			
24640	Kern	Santiago Creek	11623	37	Muddy Creek	197-L	have strat column		not diagnostic			
24641	Kern	Santiago Creek	11623	39	Muddy Creek	197-L	have strat column		Zemorrian			
24642	Kern	Santiago Creek	11623	41	Muddy Creek	197-L	have strat column		Zemorrian			
24643	Kern	Santiago Creek	11623	42	Muddy Creek	197-L	have strat column		Zemorrian			
24644	Kern	Santiago Creek	11623	45	Muddy Creek	197-L	have strat column		not diagnostic			
24645	Kern	Santiago Creek	11623	46	Muddy Creek	197-L	have strat column		not diagnostic			
24646	Kern	Santiago Creek	11890	1	NE part quad	200-M			no paleo info	Espenschied		
24647	Kern	Santiago Creek	11890	2	NE part quad	200-M			Saucesian	Espenschied		
24648	Kern	Santiago Creek	13258	S-1	Bitter Creek	203-L	Picked slide. Have	strat column		Deane		

	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		
24819	Kern	Santiago Creek	13258	304	Bitter Creek	203-L			Saucesian or older	Deane		
24820	Kern	Santiago Creek	13258	306	Bitter Creek	203-L			Saucesian or older	Deane		
24821	Kern	Santiago Creek	13258	307	Bitter Creek	203-L			Saucesian or older	Deane		
24822	Kern	Santiago Creek	13258	309	Bitter Creek	203-L			Saucesian or older	Deane		
24823	Kern	Santiago Creek	13258	312	Bitter Creek	203-L			Saucesian or older	Deane		
24824	Kern	Santiago Creek	13258	313	Bitter Creek	203-L			Saucesian or older	Deane		
24825	Kern	Santiago Creek	13258	316	Bitter Creek	203-L			Saucesian or older	Deane		
24826	Kern	Santiago Creek	13258	319	Bitter Creek	203-L			Saucesian or older	Deane		
24827	Kern	Santiago Creek	13258	326	Bitter Creek	203-L			Saucesian or older	Deane		
24828	Kern	Santiago Creek	13258	327	Bitter Creek	203-L			Saucesian or older	Deane		
24829	Kern	Santiago Creek	13258	328	Bitter Creek	203-L			Saucesian or older	Deane		
24830	Kern	Santiago Creek	13258	330	Bitter Creek	203-L			Saucesian or older	Deane		
24831	Kern	Santiago Creek	13258	334	Bitter Creek	203-L			Saucesian or older	Deane		
24832	Kern	Santiago Creek	13258	338	Bitter Creek	203-L			Saucesian or older	Deane		
24833	Kern	Santiago Creek	13258	342	Bitter Creek	203-L			Saucesian or older	Deane		
24834	Kern	Santiago Creek	13258	344	Bitter Creek	203-L			Saucesian or older	Deane		
24835	Kern	Santiago Creek	13258	346	Bitter Creek	203-L			Saucesian or older	Deane		
24836	Kern	Santiago Creek	13258	348	Bitter Creek	203-L			Saucesian or older	Deane		
24837	Kern	Santiago Creek	13258	353	Bitter Creek	203-L			Saucesian or older	Deane		
24838	Kern	Santiago Creek	13258	355	Bitter Creek	203-L			Saucesian or older	Deane		
24839	Kern	Santiago Creek	13258	356	Bitter Creek	203-L			Saucesian or older	Deane		
24840	Kern	Santiago Creek	13258	357	Bitter Creek	203-L			Saucesian or older	Deane		
24841	Kern	Santiago Creek	13258	358	Bitter Creek	203-L			Saucesian or older	Deane		
24842	Kern	Santiago Creek	13258	359	Bitter Creek	203-L			Saucesian or older	Deane		
24843	Kern	Santiago Creek	22349	1	Upper Santiago Cr	213-D			no paleo info			
24844	Kern	Santiago Creek	22349	7	Upper Santiago Cr	213-D			no paleo info			
24845	Kern	Santiago Creek	22349	8	Upper Santiago Cr	213-D			no paleo info			
24846	Kern	Santiago Creek	23383	3	NE part of quad	87-G	S Emigdio Mtn on	slide	not diagnostic	EHH		
24847	Kern	Santiago Creek	23384	1	NE part of quad	87-G			not diagnostic	EHH		
24848	Kern	Santiago Creek	23384	2	NE part of quad	87-G			Upper? Eocene	EHH		
24849	Kern	Santiago Creek	23384	3A	NE part of quad	87-G			Upper? Eocene	EHH		
24850	Kern	Santiago Creek	23384	3B	NE part of quad	87-G			Upper? Eocene	EHH		
24851	Kern	Santiago Creek	23384	4	NE part of quad	87-G			Upper? Eocene	EHH		
24852	Kern	Santiago Creek	23385	1	Muddy Creek	87-G			not diagnostic	EHH		
24853	Kern	Santiago Creek	23385	2	Muddy Creek	87-G			not diagnostic	EHH		
24854	Kern	Santiago Creek	23385	3	Muddy Creek	87-G			not diagnostic	EHH		
24855	Kern	Santiago Creek	23385	4	Muddy Creek	87-G			not diagnostic	EHH		
24856	Kern	Santiago Creek	23385	5	Muddy Creek	87-G			not diagnostic	EHH		
24857	Kern	Santiago Creek	23385	18	Muddy Creek	87-G			not diagnostic	EHH		
24858	Kern	Santiago Creek	23385	19	Muddy Creek	87-G			Lower Zemorrian	EHH		
24859	Kern	Santiago Creek	23385	20	Muddy Creek	87-G			Lower Zemorrian	EHH		
24860	Kern	Santiago Creek	23386	1	E of Muddy Creek	190-D			not diagnostic	EHH		
24861	Kern	Santiago Creek	23386	2	E of Muddy Creek	190-D		abun planktics	Lower Relizian	EHH		
24862	Kern	Santiago Creek	23386	3	E of Muddy Creek	190-D			not diagnostic	EHH		
24863	Kern	Santiago Creek	23386	4	E of Muddy Creek	190-D			Upper Saucian	EHH		
24864	Kern	Santiago Creek	23386	5	E of Muddy Creek	190-D			Upper Saucian	EHH		
24865	Kern	Santiago Creek	23386	6	E of Muddy Creek	190-D			Upper Saucian	EHH		
24866	Kern	Santiago Creek	23386	7	E of Muddy Creek	190-D			Saucesian	EHH		
24867	Kern	Santiago Creek	23386	8	E of Muddy Creek	190-D			Lower Miocene	EHH		
24868	Kern	Santiago Creek	23386	9	E of Muddy Creek	190-D			Lower Miocene	EHH		
24869	Kern	Santiago Creek	23386	14	E of Muddy Creek	190-D			not diagnostic	EHH		
24870	Kern	Santiago Creek	23386	15	E of Muddy Creek	190-D			not diagnostic	EHH		
24871	Kern	Santiago Creek	23502	2	Santiago Creek	190-B		have strat	U Eocene A-2 zone			
24872	Kern	Santiago Creek	23502	4	Santiago Creek	190-B		column	not diagnostic			
24873	Kern	Santiago Creek	23502	5	Santiago Creek	190-B			not diagnostic			
24874	Kern	Santiago Creek	23502	11	Santiago Creek	190-B			not diagnostic			
24875	Kern	Santiago Creek	23502	12	Santiago Creek	190-B			not diagnostic			
24876	Kern	Santiago Creek	23502	12A	Santiago Creek	190-B			not diagnostic			
24877	Kern	Santiago Creek	23502	25	Santiago Creek	190-B			not diagnostic			
24878	Kern	Santiago Creek	23502	28	Santiago Creek	190-B			not diagnostic			
24879	Kern	Santiago Creek	23503	1	Santiago Creek	190-C	Have strat column		prob U Eocene			
24880	Kern	Santiago Creek	23503	2	Santiago Creek	190-C	Snedden Ranch		prob U Eocene			
24881	Kern	Santiago Creek	23503	3	Santiago Creek	190-C			prob U Eocene			
24882	Kern	Santiago Creek	23503	5	Santiago Creek	190-C			prob U Eocene			
24883	Kern	Santiago Creek	23503	16	Santiago Creek	190-C			prob U Eocene			
24884	Kern	Santiago Creek	23503	17	Santiago Creek	190-C			prob U Eocene			
24885	Kern	Santiago Creek	23503	18	Santiago Creek	190-C			prob U Eocene			
24886	Kern	Santiago Creek	23503	19	Santiago Creek	190-C			prob U Eocene			
24887	Kern	Santiago Creek	23503	20	Santiago Creek	190-C			prob U Eocene			
24888	Kern	Santiago Creek	23503	21	Santiago Creek	190-C			prob U Eocene			
24889	Kern	Santiago Creek	23503	22	Santiago Creek	190-C			prob U Eocene			
24890	Kern	Santiago Creek	23503	23	Santiago Creek	190-C			prob U Eocene			
24891	Kern	Santiago Creek	23503	24	Santiago Creek	190-C			prob U Eocene			
24892	Kern	Santiago Creek	23503	26	Santiago Creek	190-C			prob U Eocene			
24893	Kern	Santiago Creek	23503	27	Santiago Creek	190-C			prob U Eocene			
24894	Kern	Santiago Creek	23503	29	Santiago Creek	190-C			prob U Eocene			
24895	Kern	Santiago Creek	23503	30	Santiago Creek	190-C			prob U Eocene			
24896	Kern	Santiago Creek	23503	32	Santiago Creek	190-C			Lower Zemorrian			
24897	Kern	Santiago Creek	23503	33	Santiago Creek	190-C			Lower Zemorrian			
24898	Kern	Santiago Creek	23503	39	Santiago Creek	190-C			Lower Zemorrian			
24899	Kern	Santiago Creek	23503	41A	Santiago Creek	190-C			Lower Zemorrian			
24900	Kern	Santiago Creek	23503	48	Santiago Creek	190-C			Lower Zemorrian			
24901	Kern	Santiago Creek	23503	52C	Santiago Creek	190-C			Lower Zemorrian			
24902	Kern	Santiago Creek	23503	52F	Santiago Creek	190-C			Lower Zemorrian			
24903	Kern	Santiago Creek	23503	53	Santiago Creek	190-C			Lower Zemorrian			

	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		
24904	Kern	Santiago Creek	23503	56	Santiago Creek	190-C			Lower Zemorrian			
24905	Kern	Santiago Creek	23503	57	Santiago Creek	190-C			Lower Zemorrian			
24906	Kern	Santiago Creek	23503	58	Santiago Creek	190-C			Lower Zemorrian			
24907	Kern	Santiago Creek	23503	59	Santiago Creek	190-C			Lower Zemorrian			
24908	Kern	Santiago Creek	23503	60	Santiago Creek	190-C			Lower Zemorrian			
24909	Kern	Santiago Creek	23503	75A	Santiago Creek	190-C			Lower Zemorrian			
24910	Kern	Santiago Creek	23503	75B	Santiago Creek	190-C			Lower Zemorrian			
24911	Kern	Santiago Creek	23503	91C	Santiago Creek	190-C			Upper Zemorrian			
24912	Kern	Santiago Creek	23503	91F	Santiago Creek	190-C			Upper Zemorrian			
24913	Kern	Santiago Creek	23503	95C	Santiago Creek	190-C			Saucesian			
24914	Kern	Santiago Creek	23503	95F	Santiago Creek	190-C			Saucesian			
24915	Kern	Santiago Creek	23503	97	Santiago Creek	190-C			Saucesian			
24916	Kern	Santiago Creek	23503	98	Santiago Creek	190-C			Saucesian			
24917	Kern	Santiago Creek	23503	100	Santiago Creek	190-C			Saucesian			
24918	Kern	Santiago Creek	23503	105	Santiago Creek	190-C			Saucesian			
24919	Kern	Santiago Creek	23503	106	Santiago Creek	190-C			Saucesian			
24920	Kern	Santiago Creek	23503	107	Santiago Creek	190-C			Saucesian			
24921	Kern	Santiago Creek	23503	118	Santiago Creek	190-C			Saucesian			
24922	Kern	Santiago Creek	23503	122	Santiago Creek	190-C			Saucesian			
24923	Kern	Santiago Creek	23503	122A	Santiago Creek	190-C			Saucesian			
24924	Kern	Santiago Creek	23503	122B	Santiago Creek	190-C			Saucesian			
24925	Kern	Santiago Creek	23503	123	Santiago Creek	190-C			Saucesian			
24926	Kern	Santiago Creek	23503	123	Santiago Creek	190-C			Saucesian			
24927	Kern	Santiago Creek	23503	124	Santiago Creek	190-C			Saucesian			
24928	Kern	Santiago Creek	23700	6	Upper Santiago Ck	none			Upper Mohnian			
24929	Kern	Santiago Creek	23701	10	Santiago Ck	none	not on map		Lower Relizian			
24930	Kern	Santiago Creek	23701	11	Santiago Ck	none	not on map		not diagnostic			
24931	Kern	Santiago Creek	23701	12	Santiago Ck	none	not on map		not diagnostic			
24932	Kern	Santiago Creek	23701	13	Santiago Ck	none	not on map		Sauc/Relizian			
24933	Kern	Santiago Creek	23704	1	SW part of quad	none	Snedden Ranch		not diagnostic			
24934	Kern	Santiago Creek	23704	2	SW part of quad	none	Snedden Ranch		not diagnostic			
24935	Kern	Santiago Creek	23704	7	SW part of quad	none	Snedden Ranch		Lower Miocene			
24936	Kern	Santiago Creek	23704	8	SW part of quad	none	Snedden Ranch		not diagnostic			
24937	Kern	Santiago Creek	23704	9	SW part of quad	none	Snedden Ranch		Zemorrian			
24938	Kern	Santiago Creek	23704	10	SW part of quad	none	Snedden Ranch		not diagnostic			
24939	Kern	Santiago Creek	23704	11	SW part of quad	none	Snedden Ranch		Eocene			
24940	Kern	Santiago Creek	23704	12	SW part of quad	none	Snedden Ranch		not diagnostic			
24941	Kern	Santiago Creek	23704	19	SW part of quad	none	Snedden Ranch		not diagnostic			
24942	Kern	Santiago Creek	23705	2	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene			
24943	Kern	Santiago Creek	23705	3	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene			
24944	Kern	Santiago Creek	23705	4	SE part of quad	220-E	Santiago Plateau		Eocene			
24945	Kern	Santiago Creek	23705	5	SE part of quad	220-E	Santiago Plateau		Eocene			
24946	Kern	Santiago Creek	23705	6	SE part of quad	220-E	Santiago Plateau		Eocene			
24947	Kern	Santiago Creek	23705	7	SE part of quad	220-E	Santiago Plateau		Eocene			
24948	Kern	Santiago Creek	23705	8	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene			
24949	Kern	Santiago Creek	23705	9	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene			
24950	Kern	Santiago Creek	23705	10	SE part of quad	220-E	Santiago Plateau		Eocene			
24951	Kern	Santiago Creek	23705	11	SE part of quad	220-E	Santiago Plateau		Eocene			
24952	Kern	Santiago Creek	23705	12	SE part of quad	220-E	Santiago Plateau		Eocene			
24953	Kern	Santiago Creek	23705	14	SE part of quad	220-E	Santiago Plateau		Eocene			
24954	Kern	Santiago Creek	23705	15	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene			
24955	Kern	Santiago Creek	23705	16	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene			
24956	Kern	Santiago Creek	23705	17	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene			
24957	Kern	Santiago Creek	23705	18	SE part of quad	220-E	Santiago Plateau	abun planktics	Eocene			
24958	Kern	Santiago Creek	23706	1	SE part of quad	220-E	Santiago Plateau		Eocene			
24959	Kern	Santiago Creek	23706	2	SE part of quad	220-E	Santiago Plateau		Eocene			
24960	Kern	Santiago Creek	23706	3	SE part of quad	220-E	Santiago Plateau		Eocene			
24961	Kern	Santiago Creek	23706	4	SE part of quad	220-E	Santiago Plateau		Eocene			
24962	Kern	Santiago Creek	23706	7	SE part of quad	220-E	Santiago Plateau		Eocene			
24963	Kern	Santiago Creek	23706	8	SE part of quad	220-E	Santiago Plateau		Eocene			
24964	Kern	Santiago Creek	23706	11	SE part of quad	220-E	Santiago Plateau		Eocene			
24965	Kern	Santiago Creek	23707	3	center of quad	180-F			poss Zemorrian	Darrow		
24966	Kern	Santiago Creek	23718	2	NE part of quad	188-N			Saucesian			
24967	Kern	Santiago Creek	23718	3	NE part of quad	188-N			not diagnostic			
24968	Kern	Santiago Creek	23719	1	NE part of quad	188-N			Lower Miocene			
24969	Kern	Santiago Creek	23719	2	NE part of quad	188-N			not diagnostic			
24970	Kern	Santiago Creek	23720	1	NE part of quad	188-N			not diagnostic			
24971	Kern	Santiago Creek	23720	2	NE part of quad	188-N			not diagnostic			
24972	Kern	Santiago Creek	23720	3	NE part of quad	188-N			not diagnostic			
24973	Kern	Santiago Creek	23720	4	NE part of quad	188-N			not diagnostic			
24974	Kern	Santiago Creek	23720	5	NE part of quad	188-N			not diagnostic			
24975	Kern	Santiago Creek	23720	7	NE part of quad	188-N			not diagnostic			
24976	Kern	Santiago Creek	23721	1	NE part of quad	188-N			poss U Eocene			
24977	Kern	Santiago Creek	23721	2	NE part of quad	188-N			poss U Eocene			
24978	Kern	Santiago Creek	23721	3	NE part of quad	188-N			poss U Eocene			
24979	Kern	Santiago Creek	23721	4	NE part of quad	188-N			poss U Eocene			
24980	Kern	Santiago Creek	23721	5	NE part of quad	188-N			poss U Eocene			
24981	Kern	Santiago Creek	23721	6	NE part of quad	188-N			poss U Eocene			
24982	Kern	Santiago Creek	23721	7	NE part of quad	188-N			poss U Eocene			
24983	Kern	Santiago Creek	23722	1	NE part of quad	188-N			not diagnostic			
24984	Kern	Santiago Creek	23722	2	NE part of quad	188-N			not diagnostic			
24985	Kern	Santiago Creek	23723		Muddy Creek	188-N	crushed limestone Discocyclus		Middle Eocene			
24986	Kern	Santiago Creek	23724	1	Muddy Creek	188-N			Eocene	EHH		
24987	Kern	Santiago Creek	23724	2	Muddy Creek	188-N			Eocene	EHH		
24988	Kern	Santiago Creek	23724	3	Muddy Creek	188-N			Eocene	EHH		

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		
24989	Kern	Santiago Creek	23724	4	Muddy Creek	188-N			Eocene	EHH		
24990	Kern	Santiago Creek	23724	5	Muddy Creek	188-N			Eocene	EHH		
24991	Kern	Santiago Creek	23724	6	Muddy Creek	188-N			Eocene	EHH		
24992	Kern	Santiago Creek	23724	7	Muddy Creek	188-N			Eocene	EHH		
24993	Kern	Santiago Creek	23724	8	Muddy Creek	188-N			Eocene	EHH		
24994	Kern	Santiago Creek	23724	9	Muddy Creek	188-N			Eocene	EHH		
24995	Kern	Santiago Creek	23724	10	Muddy Creek	188-N			Eocene	EHH		
24996	Kern	Santiago Creek	23724	11	Muddy Creek	188-N			Eocene	EHH		
24997	Kern	Santiago Creek	23972	1	NW part of quad	none	Cienega anticline		no paleo info			
24998	Kern	Santiago Creek	23972	2	NW part of quad	none	Cienega anticline		no paleo info			
24999	Kern	Santiago Creek	23972	3	NW part of quad	none	Cienega anticline		no paleo info			
25000	Kern	Santiago Creek	23972	7	NW part of quad	none	Cienega anticline		no paleo info			
25001	Kern	Santiago Creek?	9456		not on map	137-B			no paleo info			
25002	Kern	Santiago Creek?	9457		not on map	137-B			no paleo info			
25003	Kern	Santiago Creek?	9458		not on map	137-B			no paleo info			
25004	Kern	Santiago Creek?	9459		not on map	137-B			no paleo info			
25005	Kern?	Santiago Creek?	22356	5E	SW corner of quad	240-B	Pattway Ridge on		no paleo info			
25006	Kern?	Santiago Creek?	22356	5F	SW corner of quad	240-B	slide. Not sure if		no paleo info			
25007	Kern?	Santiago Creek?	22356	5G	SW corner of quad	240-B	Santiago Creek		no paleo info			
25008	Kern?	Santiago Creek?	22356	5H	SW corner of quad	240-B	quad is the correct		no paleo info			
25009	Kern?	Santiago Creek?	22356	6A	SW corner of quad	240-B	one. No # 18 or 20		no paleo info			
25010	Kern?	Santiago Creek?	22356	6B	SW corner of quad	240-B	on map		no paleo info			
25011	Kern?	Santiago Creek?	22356	6C	SW corner of quad	240-B			no paleo info			
25012	Kern?	Santiago Creek?	22356	6D	SW corner of quad	240-B			no paleo info			
25013	Kern?	Santiago Creek?	22356	6E	SW corner of quad	240-B			no paleo info			
25014	Kern?	Santiago Creek?	22356	18	SW corner of quad	240-B			no paleo info			
25015	not found	Santiago Creek?	22356	20	SW corner of quad	240-B			no paleo info			
25016	Orange	Santiago Peak	466	4	Modjeska (town)	73-K		Holtz sh	no paleo info			
25017	Orange	Santiago Peak	466	5	Modjeska (town)	73-K		Holtz sh	no paleo info			
25018	Orange	Santiago Peak	466	6	Modjeska (town)	73-K		Holtz sh	no paleo info			
25019	Orange	Santiago Peak	466	7	Modjeska (town)	73-K			no paleo info			
25020	Orange	Santiago Peak	466	8	Modjeska (town)	73-K			no paleo info			
25021	Orange	Santiago Peak	466	9	Modjeska (town)	73-K			no paleo info			
25022	Orange	Santiago Peak	466	10	Modjeska (town)	73-K			no paleo info			
25023	Orange	Santiago Peak	466	11	Modjeska (town)	73-K			no paleo info			
25024	Orange	Santiago Peak	466	12	Modjeska (town)	73-K			no paleo info			
25025	Orange	Santiago Peak	466	13	Modjeska (town)	73-K			no paleo info			
25026	Orange	Santiago Peak	466	14	Modjeska (town)	73-K			no paleo info			
25027	Orange	Santiago Peak	466	15	Modjeska (town)	73-K			no paleo info			
25028	Orange	Santiago Peak	466	16	Modjeska (town)	73-K			no paleo info			
25029	Orange	Santiago Peak	466	17	Modjeska (town)	73-K			no paleo info			
25030	Orange	Santiago Peak	466	18	Modjeska (town)	73-K			no paleo info			
25031	Ventura	Saticoy	172	1	Sexton Canyon	64-J			no age provided			
25032	Ventura	Saticoy	172	2	Sexton Canyon	64-J			no age provided			
25033	Ventura	Saticoy	172	3	Sexton Canyon	64-J			no age provided			
25034	Ventura	Saticoy	172	4	Sexton Canyon	64-J			no age provided			
25035	Ventura	Saticoy	172	5	Sexton Canyon	64-J			no age provided			
25036	Ventura	Saticoy	172	6	Sexton Canyon	64-J			no age provided			
25037	Ventura	Saticoy	172	7	Sexton Canyon	64-J			no age provided			
25038	Ventura	Saticoy	172	8	Sexton Canyon	64-J			no age provided			
25039	Ventura	Saticoy	172	9	Sexton Canyon	64-J			no age provided			
25040	Ventura	Saticoy	172	10	Sexton Canyon	64-J			no age provided			
25041	Ventura	Saticoy	179	1	Harmon Canyon	64-H			no age provided			
25042	Ventura	Saticoy	179	2	Harmon Canyon	64-H			no age provided			
25043	Ventura	Saticoy	179	3	Harmon Canyon	64-H			no age provided			
25044	Ventura	Saticoy	179	4	Harmon Canyon	64-H			no age provided			
25045	Ventura	Saticoy	179	5	Harmon Canyon	64-H			no age provided			
25046	Ventura	Saticoy	179	6	Harmon Canyon	64-H			no age provided			
25047	Mendocino	Saunders Reef	513	1	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25048	Mendocino	Saunders Reef	513	2	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25049	Mendocino	Saunders Reef	513	3	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25050	Mendocino	Saunders Reef	513	4	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25051	Mendocino	Saunders Reef	513	5	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25052	Mendocino	Saunders Reef	513	6	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25053	Mendocino	Saunders Reef	513	7	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25054	Mendocino	Saunders Reef	513	8	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25055	Mendocino	Saunders Reef	513	9	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25056	Mendocino	Saunders Reef	513	10	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25057	Mendocino	Saunders Reef	513	11	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25058	Mendocino	Saunders Reef	513	12	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25059	Mendocino	Saunders Reef	513	13	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25060	Mendocino	Saunders Reef	513	14	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25061	Mendocino	Saunders Reef	513	15	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25062	Mendocino	Saunders Reef	513	16	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25063	Mendocino	Saunders Reef	513	17	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25064	Mendocino	Saunders Reef	513	18	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25065	Mendocino	Saunders Reef	513	19	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25066	Mendocino	Saunders Reef	513	20	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25067	Mendocino	Saunders Reef	513	21	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25068	Mendocino	Saunders Reef	513	22	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25069	Mendocino	Saunders Reef	513	23	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25070	Mendocino	Saunders Reef	513	24	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25071	Mendocino	Saunders Reef	513	25	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25072	Mendocino	Saunders Reef	513	29	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		
25073	Mendocino	Saunders Reef	513	30	NE part of quad	B-8	Pt Arena 15'		Lower Zemorrian	Ortalda &		

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/AGI	COLLECTORS		
25244	Mendocino	Saunders Reef	515	2	NE part of quad	B-11	Pt Arena 15'			not diagnostic		
25245	Mendocino	Saunders Reef	515	3	NE part of quad	B-11	Pt Arena 15'			not diagnostic		
25246	Mendocino	Saunders Reef	515	4	NE part of quad	B-11	Pt Arena 15'			not diagnostic		
25247	Mendocino	Saunders Reef	3709		Near Iverson Pt	46-C	Pt Arena 15'			U Eocene A-2 zone	Gonsalves &	
25248	Mendocino	Saunders Reef	3719		Nr Galloway Schl	120-H	Pt Arena 15'			Zemorrian	Gonsalves &	
25249	Mendocino	Saunders Reef	3725		Near Walker Gulch	167-N	Pt Arena 15'			Eocene	Morris &	
25250	Mendocino	Saunders Reef	3725	RS	Near Walker Gulch	167-N	Pt Arena 15'			Eocene	Morris &	
25251	Mendocino	Saunders Reef	3728		Near Craig	142-H				Zemorrian	Hardy	
25252	Mendocino	Saunders Reef	3728		Near Craig	118-M				Zemorrian	Morris &	
25253	Mendocino	Saunders Reef	13206		N of Garcia River	142-H	Pt Arena 15'			no paleo info	Hardy	
25254	Mendocino	Saunders Reef	13211		Hearn Gulch	142-H	Pt Arena 15'			no paleo info	Hardy	
25255	Mendocino	Saunders Reef	13212		S of Galloway Sch	142-H	Pt Arena 15'	age from map		Lower Miocene	Hardy	
25256	Mendocino	Saunders Reef	13306		NE of Galloway	142-H		age from map		Lower Miocene	Hardy	
25257	Mendocino	Saunders Reef	13306	A	NE of Galloway	142-H		age from map		Lower Miocene	Hardy	
25258	Mendocino	Saunders Reef	13306	B	NE of Galloway	142-H		age from map		Lower Miocene	Hardy	
25259	Mendocino	Saunders Reef	13306	C	NE of Galloway	142-H		age from map		Lower Miocene	Hardy	
25260	Mendocino	Saunders Reef	13306	E	NE of Galloway	142-H		age from map		Lower Miocene	Hardy	
25261	Mendocino	Saunders Reef	13306	F	NE of Galloway	142-H		age from map		Lower Miocene	Hardy	
25262	Mendocino	Saunders Reef	13306	G	NE of Galloway	142-H		age from map		Lower Miocene	Hardy	
25263	Mendocino	Saunders Reef	22221	3A	Galloway School	233-G	auger line			not diagnostic	Christen.	
25264	Mendocino	Saunders Reef	22221	4A	Galloway School	233-G	auger line			Lower Miocene	Christen.	
25265	Mendocino	Saunders Reef	22221	5A	Galloway School	233-G	auger line			not diagnostic	Christen.	
25266	Mendocino	Saunders Reef	22221	7	Galloway School	233-G	auger line			not diagnostic	Christen.	
25267	Mendocino	Saunders Reef	22222	1	Iverson Road	233-G	auger line	L to M Eoc NP		Eocene	Christen.	
25268	Mendocino	Saunders Reef	22222	4	Iverson Road	233-G	auger line			not diagnostic	Christen.	
25269	Mendocino	Saunders Reef	22222	5	Iverson Road	233-G	auger line	M Eocene NP		Eocene	Christen.	
25270	Mendocino	Saunders Reef	22222	14	Iverson Road	233-G	auger line			not diagnostic	Christen.	
25271	Mendocino	Saunders Reef	22222	15	Iverson Road	233-G	auger line	Zem NP		Lower Miocene	Christen.	
25272	Mendocino	Saunders Reef	22222	15C	Iverson Road	233-G	auger line			not diagnostic	Christen.	
25273	Mendocino	Saunders Reef	22222	16	Iverson Road	233-G	auger line			Lower Miocene	Christen.	
25274	Mendocino	Saunders Reef	22222	18	Iverson Road	233-G	auger line	Zem NP		Zemorrian	Christen.	
25275	Mendocino	Saunders Reef	22222	19	Iverson Road	233-G	auger line	Zem NP		Lower Miocene	Christen.	
25276	Mendocino	Saunders Reef	22222	20	Iverson Road	233-G	auger line	Zem NP		Lower Miocene	Christen.	
25277	Mendocino	Saunders Reef	22267	1	Iverson Landing	233-H	Point Arena 15'			no paleo info	Gregory	
25278	Mendocino	Saunders Reef	22268	2	Saunders Hill	233-H	Point Arena 15'			no paleo info		
25279	Mendocino	Saunders Reef	22270	1	Saunders Hill	233-H	Point Arena 15'			no paleo info		
25280	Mendocino	Saunders Reef	22270	2	Saunders Hill	233-H	Point Arena 15'			no paleo info		
25281	Mendocino	Saunders Reef	22270	3	Saunders Hill	233-H	Point Arena 15'			no paleo info		
25282	Mendocino	Saunders Reef	22278	2	Galloway School	233-H	Point Arena 15'			no paleo info		
25283	Mendocino	Saunders Reef	22278	3	Galloway School	233-H	Point Arena 15'			no paleo info		
25284	Mendocino	Saunders Reef	22278	4	Galloway School	233-H	Point Arena 15'			no paleo info		
25285	Mendocino	Saunders Reef	22278	5	Galloway School	233-H	Point Arena 15'			no paleo info		
25286	Mendocino	Saunders Reef	22278	8	Galloway School	233-H	Point Arena 15'			no paleo info		
25287	Mendocino	Saunders Reef	22278	10	Galloway School	233-H	Point Arena 15'			no paleo info		
25288	Mendocino	Saunders Reef	22278	11	Galloway School	233-H	Point Arena 15'			no paleo info		
25289	Mendocino	Saunders Reef	22278	12	Galloway School	233-H	Point Arena 15'			no paleo info		
25290	Mendocino	Saunders Reef	22278	13	Galloway School	233-H	Point Arena 15'			no paleo info		
25291	Mendocino	Saunders Reef	22278	14	Galloway School	233-H	Point Arena 15'			no paleo info		
25292	Mendocino	Saunders Reef	22278	15	Galloway School	233-H	Point Arena 15'			no paleo info		
25293	Mendocino	Saunders Reef	22278	16	Galloway School	233-H	Point Arena 15'			no paleo info		
25294	Mendocino	Saunders Reef	22278	17	Galloway School	233-I	Point Arena 15'			no paleo info		
25295	Mendocino	Saunders Reef	22278	18	Galloway School	233-I	Point Arena 15'			no paleo info		
25296	Mendocino	Saunders Reef	22278	19	Galloway School	233-I	Point Arena 15'			no paleo info		
25297	Mendocino	Saunders Reef	22279	1	Schooner Gulch	233-I	Point Arena 15'			no paleo info		
25298	Mendocino	Saunders Reef	22279	2	Schooner Gulch	233-I	Point Arena 15'			no paleo info		
25299	Mendocino	Saunders Reef	22279	4	Schooner Gulch	233-I	Point Arena 15'			no paleo info		
25300	Mendocino	Saunders Reef	22279	6	Schooner Gulch	233-I	Point Arena 15'			no paleo info		
25301	Mendocino	Saunders Reef	22279	9	Schooner Gulch	233-I	Point Arena 15'			no paleo info		
25302	Mendocino	Saunders Reef	22279	10	Schooner Gulch	233-I	Point Arena 15'			no paleo info		
25303	Ventura	Sawmill Mountain	2143	A	Lockwood Valley	89-G	not on map			no paleo info	Klemme	
25304	Ventura	Sawmill Mountain	2143	B	Lockwood Valley	89-G	not on map			no paleo info	Klemme	
25305	Ventura	Sawmill Mountain	2143	D	Lockwood Valley	89-G	not on map			no paleo info	Klemme	
25306	Ventura	Sawmill Mountain	2144		Lockwood Valley	89-G	not on map			no paleo info	Cook	
25307	Ventura	Sawmill Mountain	22344	19	N Lockwood Creek	79-L				no paleo info		
25308	Ventura	Sawmill Mountain	22344	20	N Lockwood Creek	79-L				no paleo info		
25309	Ventura	Sawmill Mountain	22344	22	N Lockwood Creek	79-L				no paleo info		
25310	Ventura	Sawmill Mountain	22344	27	N Lockwood Creek	79-L				no paleo info		
25311	Ventura	Sawmill Mountain	22344	30	N Lockwood Creek	79-L				no paleo info		
25312	Ventura	Sawmill Mountain	22344	32	N Lockwood Creek	79-L				no paleo info		
25313	Ventura	Sawmill Mountain	22344	33	N Lockwood Creek	79-L				no paleo info		
25314	Ventura	Sawmill Mountain	22344	43	N Lockwood Creek	79-L				no paleo info		
25315	Ventura	Sawmill Mountain	22344	56	N Lockwood Creek	79-L				no paleo info		
25316	Ventura	Sawmill Mountain	22345	1	Mid Lockwood Ck	60-E				no paleo info		
25317	Ventura	Sawmill Mountain	22345	14	Mid Lockwood Ck	60-E				no paleo info		
25318	Ventura	Sawmill Mountain	22345	15	Mid Lockwood Ck	60-E				no paleo info		
25319	Kern	Sawtooth Ridge	1554		NE part of quad	124-F	Devils Den area			no paleo info	Hovey	
25320	Kern	Sawtooth Ridge	1555		NE part of quad	124-F	Devils Den area			no paleo info	Hovey	
25321	Kern	Sawtooth Ridge	1556		NE part of quad	124-F	Devils Den area			no paleo info	Hovey	
25322	Kern	Sawtooth Ridge	1557		NE part of quad	124-F	Devils Den area			no paleo info	Hovey	
25323	Kern	Sawtooth Ridge	1558		NE part of quad	124-F	Devils Den area			no paleo info	Hovey	
25324	Kern	Sawtooth Ridge	1559		NE part of quad	124-F	Devils Den area			no paleo info	Hovey	
25325	Kern	Sawtooth Ridge	1560		NE part of quad	124-F	Devils Den area			no paleo info	Hovey	
25326	Kern	Sawtooth Ridge	1561		NE part of quad	124-F	Devils Den area			no paleo info	Hovey	
25327	Kern	Sawtooth Ridge	1562		NE part of quad	124-F	Devils Den area			no paleo info	Hovey	
25328	Kern	Sawtooth Ridge	1563		NE part of quad	124-F	Devils Den area			no paleo info	Hovey	

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		
25329	Kern	Sawtooth Ridge	1564		NE part of quad	124-F	Devils Den area		no paleo info	Hovey		
25330	Kern	Sawtooth Ridge	1565		NE part of quad	124-F	Devils Den area		no paleo info	Hovey		
25331	Kern	Sawtooth Ridge	1566		NE part of quad	124-F	Devils Den area		no paleo info	Hovey		
25332	Kern	Sawtooth Ridge	1567		NE part of quad	124-F	Devils Den area		no paleo info	Hovey		
25333	Kern	Sawtooth Ridge	1569		NE part of quad	124-F	Devils Den area		no paleo info	Hovey		
25334	Kern	Sawtooth Ridge	1571		NE part of quad	124-F	Devils Den area	see loc 3798	no paleo info	Hovey		
25335	Kern	Sawtooth Ridge	3798		Devils Den	124-F	see slide 1571		no paleo info			
25336	Kern	Sawtooth Ridge	3799		Devils Den	124-F	see slide 1571		no paleo info			
25337	Kern	Sawtooth Ridge	4945		Devils Den	124-F			no paleo info			
25338	Kern	Sawtooth Ridge	4948		Devils Den	124-F			no paleo info			
25339	Kern	Sawtooth Ridge	5194	322	center of quad	I-6			Cretaceous	Marsh		
25340	Kern	Sawtooth Ridge	5194	322	center of quad	123-A			Cretaceous	Marsh		
25341	Kern	Sawtooth Ridge	5195	323	center of quad	I-6			Cretaceous	Marsh		
25342	Kern	Sawtooth Ridge	5195	323	center of quad	123-A			Cretaceous	Marsh		
25343	Kern	Sawtooth Ridge	5209	564	NC part of quad	I-6			Eocene A-2 zone	Marsh		
25344	Kern	Sawtooth Ridge	5210	565	NC part of quad	I-6			Eocene A-2 zone	Marsh		
25345	Kern	Sawtooth Ridge	5211	566	NC part of quad	I-6			Upper Cretaceous	Marsh		
25346	Kern	Sawtooth Ridge	5212	570	NC part of quad	I-6			Upper Cretaceous	Marsh		
25347	Kern	Sawtooth Ridge	5213	571	NC part of quad	I-6			Upper Cretaceous	Marsh		
25348	Kern	Sawtooth Ridge	5214	572	NC part of quad	I-6			Upper Cretaceous	Marsh		
25349	Kern	Sawtooth Ridge	5215	573	NC part of quad	I-6			Upper Cretaceous	Marsh		
25350	Kern	Sawtooth Ridge	5224		NW of Devils Den	124-F			no paleo info	Hovey		
25351	Kings	Sawtooth Ridge	13828		NC part of quad	207-F			no paleo info			
25352	Kings	Sawtooth Ridge	13830		NC part of quad	207-F			no paleo info			
25353	Kern	Sawtooth Ridge	13845		NC part of quad	207-F	Orchard Peak 15'		no paleo info	WJL		
25354	Kern	Sawtooth Ridge	13846		NC part of quad	207-F	Orchard Peak 15'		no paleo info	WJL		
25355	Kern	Sawtooth Ridge	13847	1	NC part of quad	207-F	Orchard Peak 15'		no paleo info	WJL		
25356	Kern	Sawtooth Ridge	17083		EC part of quad	114-E	Orchard Peak 15'	Devils Den area	no paleo info	Huppi & B		
25357	Kern	Sawtooth Ridge	17084		EC part of quad	114-E	Orchard Peak 15'	Devils Den area	no paleo info	Huppi & B		
25358	Kern	Sawtooth Ridge	17088		not found	114-E	Orchard Peak 15'	Devils Den area	no paleo info			
25359	Kern	Sawtooth Ridge	17090		not found	114-E	Orchard Peak 15'	Devils Den area	no paleo info			
25360	Humboldt	Scotia	449	1	Bet Scotia/Rio Del	7-A	Along the Eel River		Pliocene			
25361	Humboldt	Scotia	449	2	Bet Scotia/Rio Del	7-A	from Scotia to Rio		Pliocene			
25362	Humboldt	Scotia	449	3	Bet Scotia/Rio Del	7-A	Dell. Have strat		Pliocene			
25363	Humboldt	Scotia	449	4	Bet Scotia/Rio Del	7-A	column and foram		Pliocene			
25364	Humboldt	Scotia	449	5	Bet Scotia/Rio Del	7-A	check list.		Pliocene			
25365	Humboldt	Scotia	449	6	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25366	Humboldt	Scotia	449	7	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25367	Humboldt	Scotia	449	8	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25368	Humboldt	Scotia	449	9	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25369	Humboldt	Scotia	449	10	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25370	Humboldt	Scotia	449	11	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25371	Humboldt	Scotia	449	12	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25372	Humboldt	Scotia	449	13	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25373	Humboldt	Scotia	449	15	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25374	Humboldt	Scotia	449	20	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25375	Humboldt	Scotia	449	21	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25376	Humboldt	Scotia	449	22	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25377	Humboldt	Scotia	449	24	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25378	Humboldt	Scotia	449	25	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25379	Humboldt	Scotia	449	26	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25380	Humboldt	Scotia	449	27	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25381	Humboldt	Scotia	449	30	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25382	Humboldt	Scotia	449	31	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25383	Humboldt	Scotia	449	34	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25384	Humboldt	Scotia	449	36	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25385	Humboldt	Scotia	449	47	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25386	Humboldt	Scotia	449	52	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25387	Humboldt	Scotia	449	53	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25388	Humboldt	Scotia	449	54	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25389	Humboldt	Scotia	449	55	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25390	Humboldt	Scotia	449	56	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25391	Humboldt	Scotia	449	57	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25392	Humboldt	Scotia	449	58	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25393	Humboldt	Scotia	449	59	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25394	Humboldt	Scotia	449	60	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25395	Humboldt	Scotia	449	61	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25396	Humboldt	Scotia	449	62	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25397	Humboldt	Scotia	449	63	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25398	Humboldt	Scotia	449	64	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25399	Humboldt	Scotia	449	65	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25400	Humboldt	Scotia	449	66	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25401	Humboldt	Scotia	449	67	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25402	Humboldt	Scotia	449	68	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25403	Humboldt	Scotia	449	69	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25404	Humboldt	Scotia	449	70	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25405	Humboldt	Scotia	449	71	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25406	Humboldt	Scotia	449	72	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25407	Humboldt	Scotia	449	73	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25408	Humboldt	Scotia	449	74	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25409	Humboldt	Scotia	449	75	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25410	Humboldt	Scotia	449	76	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25411	Humboldt	Scotia	449	77	Bet Scotia/Rio Del	7-A	Scotia 15'		Pliocene			
25412	Humboldt	Scotia	449	78	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		
25498	Humboldt	Scotia	449	75RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
25499	Humboldt	Scotia	449	76RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
25500	Humboldt	Scotia	449	77RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
25501	Humboldt	Scotia	449	78RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
25502	Humboldt	Scotia	449	79RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
25503	Humboldt	Scotia	449	80RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
25504	Humboldt	Scotia	449	81RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
25505	Humboldt	Scotia	449	82RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
25506	Humboldt	Scotia	449	83RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
25507	Humboldt	Scotia	449	84RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
25508	Humboldt	Scotia	449	85RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
25509	Humboldt	Scotia	449	86RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
25510	Humboldt	Scotia	449	87RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
25511	Humboldt	Scotia	449	88RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
25512	Humboldt	Scotia	449	89RW	Bet Scotia/Rio Del	162-F	Scotia 15'	Scotia rewash	Pliocene			
25513	Humboldt	Scotia	5006		Eel River bank	10-L	Scotia 15'		Cretaceous?	Wright		
25514	Humboldt	Scotia	5007		Eel River bank	10-L	Scotia 15'		not diagnostic	Wright		
25515	Humboldt	Scotia	11610	1A	bank of Eel River	50-J	Scotia 15'		Cret/Paleocene	Lyons		
25516	Humboldt	Scotia	11610	1B	bank of Eel River	50-J	Scotia 15'		Cret/Paleocene	Lyons		
25517	Humboldt	Scotia	11610	2	bank of Eel River	50-J	Scotia 15'		Cret/Paleocene	Lyons		
25518	Humboldt	Scotia	18994	4A	Elinor	244-C	Scotia 15'		Upper Mohnian			
25519	Humboldt	Scotia	18994	4B	Elinor	244-C	Scotia 15'		Upper Mohnian			
25520	Humboldt	Scotia	18994	5A	Elinor	244-C	Scotia 15'		Upper Mohnian			
25521	Humboldt	Scotia	18994	5B	Elinor	244-C	Scotia 15'		Upper Mohnian			
25522	Humboldt	Scotia	22142		Rio Dell	114-B	Scotia 15'		no paleo info	Silcox		
25523	Humboldt	Scotia	22380	1	Elinor	240-B	Scotia 15'		not diagnostic			
25524	Humboldt	Scotia	22380	2	Elinor	240-B	Scotia 15'		not diagnostic			
25525	Humboldt	Scotia	22380	9	Elinor	240-B	Scotia 15'		Miocene/Pliocene			
25526	Humboldt	Scotia	22380	10	Elinor	240-B	Scotia 15'		not diagnostic			
25527	Humboldt	Scotia	22595	6	SW of Rio Dell	240-C	Scotia 15'		not diagnostic			
25528	Humboldt	Scotia	22595	7	SW of Rio Dell	240-C	Scotia 15'		not diagnostic			
25529	Humboldt	Scotia	22595	8	SW of Rio Dell	240-C	Scotia 15'		Lower Pliocene			
25530	Humboldt	Scotia	22595	9	SW of Rio Dell	240-C	Scotia 15'		Mohnian/Delmontn.			
25531	Humboldt	Scotia	22598	1	Eel River	240-C	Scotia 15'		not diagnostic			
25532	Humboldt	Scotia	22598	2	Eel River	240-C	Scotia 15'		not diagnostic			
25533	Humboldt	Scotia	22598	3	Eel River	240-C	Scotia 15'		not diagnostic			
25534	Humboldt	Scotia	22598	4	Eel River	240-D	Scotia 15'		Upper Miocene			
25535	Humboldt	Scotia	22598	5	Eel River	240-D	Scotia 15'		Upper Miocene			
25536	Humboldt	Scotia	22598	6	Eel River	240-D	Scotia 15'		Upper Miocene			
25537	Humboldt	Scotia	22598	7	Eel River	240-D	Scotia 15'		Upper Miocene			
25538	Humboldt	Scotia	22598	8	Eel River	240-D	Scotia 15'		Upper Miocene			
25539	Humboldt	Scotia	22598	9	Eel River	240-D	Scotia 15'		not diagnostic			
25540	Humboldt	Scotia	23924	4	Stitz Creek	256-M	Scotia 15'		no paleo info	Haynes		
25541	Humboldt	Scotia	24024	1	In Scotia	33-E	Scotia 15'		no paleo info			
25542	Humboldt	Scotia	24040	4	Eel River	33-E	Scotia 15'		no paleo info			
25543	Humboldt	Scotia	24040	5	Eel River	33-E	Scotia 15'		no paleo info			
25544	Humboldt	Scotia	24040	7	Eel River	33-E	Scotia 15'		no paleo info			
25545	Humboldt	Scotia	24040	9	Eel River	33-E	Scotia 15'		no paleo info			
25546	Humboldt	Scotia	24040	10	Eel River	33-E	Scotia 15'		no paleo info			
25547	Humboldt	Scotia	24040	11	Eel River	33-E	Scotia 15'		no paleo info			
25548	Humboldt	Scotia	24040	12	Eel River	33-E	Scotia 15'		no paleo info			
25549	Humboldt	Scotia	24040	13	Eel River	33-E	Scotia 15'		no paleo info			
25550	Humboldt	Scotia	24040	14	Eel River	33-E	Scotia 15'		no paleo info			
25551	Humboldt	Scotia	24040	15	Eel River	33-E	Scotia 15'		no paleo info			
25552	Humboldt	Scotia	24040	16	Eel River	33-E	Scotia 15'		no paleo info			
25553	Humboldt	Scotia	24040	17	Eel River	33-E	Scotia 15'		no paleo info			
25554	Humboldt	Scotia	24040	19	Eel River	33-E	Scotia 15'		no paleo info			
25555	Humboldt	Scotia	24040	20	Eel River	33-E	Scotia 15'		no paleo info			
25556	Humboldt	Scotia?	5008		Scotia area	10-L	Scotia 15'		Upper Miocene	Wright		
25557	Monterey	Seaside	5648		Carmel Valley	7-D	25/16S/1E (SLP)	sa #5665	Luisian	Starke		
25558	Glenn	Sehorn Creek	674	95	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25559	Glenn	Sehorn Creek	674	96	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25560	Glenn	Sehorn Creek	674	97	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25561	Glenn	Sehorn Creek	674	98	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25562	Glenn	Sehorn Creek	674	99	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25563	Glenn	Sehorn Creek	674	100	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25564	Glenn	Sehorn Creek	674	101	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25565	Glenn	Sehorn Creek	674	102	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25566	Glenn	Sehorn Creek	674	103	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25567	Glenn	Sehorn Creek	674	104	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25568	Glenn	Sehorn Creek	674	106	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25569	Glenn	Sehorn Creek	674	108	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25570	Glenn	Sehorn Creek	674	109	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25571	Glenn	Sehorn Creek	674	110	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25572	Glenn	Sehorn Creek	674	111	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25573	Glenn	Sehorn Creek	674	112	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25574	Glenn	Sehorn Creek	674	113	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25575	Glenn	Sehorn Creek	674	114	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25576	Glenn	Sehorn Creek	674	115	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25577	Glenn	Sehorn Creek	674	116	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25578	Glenn	Sehorn Creek	674	117	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25579	Glenn	Sehorn Creek	674	118	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25580	Glenn	Sehorn Creek	674	119	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25581	Glenn	Sehorn Creek	674	110	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		
25582	Glenn	Sehorn Creek	674	111	Stony Creek	149-I	Flournoy 15'		L Cret J-2 zone	Vaughan		

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/AG	COLLECTORS		
25583	Glenn	Sehorn Creek	674	112	Stony Creek	149-I	Flourmoy 15'		L Cret J-2 zone	Vaughan		
25584	Glenn	Sehorn Creek	674	113	Stony Creek	149-J	Flourmoy 15'		L Cret J-2 zone	Vaughan		
25585	Glenn	Sehorn Creek	674	114	Stony Creek	149-J	Flourmoy 15'		L Cret J-2 zone	Vaughan		
25586	Glenn	Sehorn Creek	674	115	Stony Creek	149-J	Flourmoy 15'		L Cret J-2 zone	Vaughan		
25587	Glenn	Sehorn Creek	674	116	Stony Creek	149-J	Flourmoy 15'		L Cret J-2 zone	Vaughan		
25588	Glenn	Sehorn Creek	674	117	Stony Creek	149-J	Flourmoy 15'		L Cret J-2 zone	Vaughan		
25589	Glenn	Sehorn Creek	674	118	Stony Creek	149-J	Flourmoy 15'		L Cret J-2 zone	Vaughan		
25590	Glenn	Sehorn Creek	674	119	Stony Creek	149-J	Flourmoy 15'		L Cret J-2 zone	Vaughan		
25591	Glenn	Sehorn Creek	674	120	Stony Creek	149-J	Flourmoy 15'		L Cret J-2 zone	Vaughan		
25592	Glenn	Sehorn Creek	674	121	Stony Creek	149-J	Flourmoy 15'		L Cret J-2 zone	Vaughan		
25593	Glenn	Sehorn Creek	674	122	Stony Creek	149-J	Flourmoy 15'		L Cret J-2 zone	Vaughan		
25594	Glenn	Sehorn Creek	674	123	Stony Creek	149-J	Flourmoy 15'		L Cret J-2 zone	Vaughan		
25595	Glenn	Sehorn Creek	674	124	Stony Creek	149-J	Flourmoy 15'		L Cret J-2 zone	Vaughan		
25596	Glenn	Sehorn Creek	674	125	Stony Creek	149-J	Flourmoy 15'		L Cret J-2 zone	Vaughan		
25597	Glenn	Sehorn Creek	674	126	Stony Creek	149-J	Flourmoy 15'		L Cret J-2 zone	Vaughan		
25598	Glenn	Sehorn Creek	674	128	Stony Creek	149-J	Flourmoy 15'		L Cret J-2 zone	Vaughan		
25599	Glenn	Sehorn Creek	674	129	Stony Creek	149-J	Flourmoy 15'		L Cret J-2 zone	Vaughan		
25600	Glenn	Sehorn Creek	674	130	Stony Creek	149-J	Flourmoy 15'		L Cret J-1 zone	Vaughan		
25601	Glenn	Sehorn Creek	674	131	Stony Creek	149-J	Flourmoy 15'		L Cret J-1 zone	Vaughan		
25602	Glenn	Sehorn Creek	674	132	Stony Creek	149-J	Flourmoy 15'		L Cret J-1 zone	Vaughan		
25603	Glenn	Sehorn Creek	674	133	Stony Creek	149-J	Flourmoy 15'		L Cret J-1 zone	Vaughan		
25604	Glenn	Sehorn Creek	674	134	Stony Creek	149-J	Flourmoy 15'		L Cret J-1 zone	Vaughan		
25605	Glenn	Sehorn Creek	674	135	Stony Creek	149-J	Flourmoy 15'		L Cret J-1 zone	Vaughan		
25606	Glenn	Sehorn Creek	674	136	Stony Creek	149-J	Flourmoy 15'		L Cret J-1 zone	Vaughan		
25607	Glenn	Sehorn Creek	674	137	Stony Creek	149-J	Flourmoy 15'		L Cret J-1 zone	Vaughan		
25608	Glenn	Sehorn Creek	674	138	Stony Creek	149-J	Flourmoy 15'		L Cret J-1 zone	Vaughan		
25609	Glenn	Sehorn Creek	674	139	Stony Creek	149-J	Flourmoy 15'		L Cret J-1 zone	Vaughan		
25610	Glenn	Sehorn Creek	674	140	Stony Creek	149-J	Flourmoy 15'		L Cret J-1 zone	Vaughan		
25611	Glenn	Sehorn Creek	773	7	J-609 area C-2	153-A	Flourmoy 15'		L Cret J zone			
25612	Glenn	Sehorn Creek	773	8	J-609 area C-2	153-A	Flourmoy 15'		not diagnostic			
25613	Glenn	Sehorn Creek	773	9	J-609 area C-2	153-A	Flourmoy 15'		not diagnostic			
25614	Glenn	Sehorn Creek	773	11	J-609 area C-2	152-A	Flourmoy 15'		L Cret J zone			
25615	Glenn	Sehorn Creek	773	12	J-609 area C-2	152-A	Flourmoy 15'		L Cret J zone			
25616	Glenn	Sehorn Creek	773	13	J-609 area C-2	152-A	Flourmoy 15'		L Cret J zone			
25617	Glenn	Sehorn Creek	10365	1	Burriss Creek	113-F	Flourmoy 15'	3/22N/5W	L Cret J zone	Barr auger		
25618	Glenn	Sehorn Creek	10365	2AB	Burriss Creek	113-F	Flourmoy 15'	3/22N/5W	L Cret J zone	Barr auger		
25619	Glenn	Sehorn Creek	10365	3	Burriss Creek	113-F	Flourmoy 15'	3/22N/5W	L Cret J zone	Barr auger		
25620	Glenn	Sehorn Creek?	10367	1	not on map	113-F	Flourmoy 15'		L Cret J zone	Barr auger		
25621	Glenn	Sehorn Creek?	10367	2	not on map	113-F	Flourmoy 15'		L Cret J zone	Barr auger		
25622	Riverside	Seven Palms Valley	2791		SE part of quad	85-L	Thousand Palm 15'		no paleo info			
25623	Riverside	Seven Palms Valley	2791	2	SE part of quad	85-L	Thousand Palm 15'		no paleo info			
25624	Riverside	Seven Palms Valley	2791	U	SE part of quad	85-L	Thousand Palm 15'		no paleo info			
25625	Riverside	Seven Palms Valley	2793		SE part of quad	85-L	Thousand Palm 15'		no paleo info			
25626	Riverside	Seven Palms Valley	2794		SE part of quad	85-L	Thousand Palm 15'		no paleo info			
25627	Riverside	Seven Palms Valley	2795		SE part of quad	85-L	Thousand Palm 15'		no paleo info			
25628	Riverside	Seven Palms Valley	2798		SE part of quad	85-L	Thousand Palm 15'		no paleo info			
25629	Riverside?	Seven Palms Valley?	2799		not found	85-L			no paleo info			
25630	San Diego	Seventeen Palms	10128	1	NW part of quad	87-B	Rabbit Peak 15'	prob Imperial	Miocene			
25631	San Diego	Seventeen Palms	10128	2	NW part of quad	87-B	Rabbit Peak 15'	prob Imperial	Miocene			
25632	Kern	Shale Point	324	1	Tembler Range	45-M			Mohanian			
25633	Kern	Shale Point	324	A2 etc	Tembler Range	54-A			Mohanian	Papp		
25634	Kern	Shale Point	324	7	Tembler Range	54-A			Mohanian	Papp		
25635	Kern	Shale Point	324	8	Tembler Range	54-A			Mohanian	Papp		
25636	Kern	Shale Point	324	10	Tembler Range	54-A			Mohanian	Papp		
25637	Kern	Shale Point	324	11	Tembler Range	54-A			Mohanian	Papp		
25638	Kern	Shale Point	324	13	Tembler Range	54-A			Luisian	Papp		
25639	Kern	Shale Point	324	14	Tembler Range	54-A			Luisian	Papp		
25640	Kern	Shale Point	324	15	Tembler Range	54-A			Luisian	Papp		
25641	Kern	Shale Point	324	16	Tembler Range	54-A			Luisian	Papp		
25642	Kern	Shale Point	324	17	Tembler Range	54-A			Luisian	Papp		
25643	Kern	Shale Point	324	18	Tembler Range	54-A			Luisian	Papp		
25644	Kern	Shale Point	324	19	Tembler Range	54-A			Luisian	Papp		
25645	Kern	Shale Point	324	20	Tembler Range	54-A			Luisian	Papp		
25646	Kern	Shale Point	324	21	Tembler Range	54-A			Luisian	Papp		
25647	Kern	Shale Point	324	22	Tembler Range	54-A			Luisian	Papp		
25648	Kern	Shale Point	324	23	Tembler Range	54-A			Luisian	Papp		
25649	Kern	Shale Point	324	24	Tembler Range	54-A			Luisian	Papp		
25650	Kern	Shale Point	324	25	Tembler Range	54-A			Luisian	Papp		
25651	Kern	Shale Point	324	26	Tembler Range	54-A			Luisian	Papp		
25652	Kern	Shale Point	324	27	Tembler Range	54-A			Luisian	Papp		
25653	Kern	Shale Point	324	28	Tembler Range	54-A			Luisian	Papp		
25654	Kern	Shale Point	324	29	Tembler Range	54-A			Luisian	Papp		
25655	Kern	Shale Point	324	30	Tembler Range	54-A			Luisian	Papp		
25656	Kern	Shale Point	324	31	Tembler Range	54-A			Luisian	Papp		
25657	Kern	Shale Point	324	32	Tembler Range	54-A			Luisian	Papp		
25658	Kern	Shale Point	324	33	Tembler Range	54-A			Luisian	Papp		
25659	Kern	Shale Point	324	34	Tembler Range	54-A			Luisian	Papp		
25660	Kern	Shale Point	324	35	Tembler Range	54-A			Luisian	Papp		
25661	Kern	Shale Point	324	36	Tembler Range	54-A			Luisian	Papp		
25662	Kern	Shale Point	324	37	Tembler Range	54-A			Luisian	Papp		
25663	Kern	Shale Point	324	38	Tembler Range	54-A			Luisian	Papp		
25664	Kern	Shale Point	324	39	Tembler Range	54-A			Luisian	Papp		
25665	Kern	Shale Point	324	40	Tembler Range	54-A			Luisian	Papp		
25666	Kern	Shale Point	324	41	Tembler Range	54-A			Luisian	Papp		
25667	Kern	Shale Point	324	42	Tembler Range	54-A			Luisian	Papp		

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		
26603	Kern	Shale Point	324	493	Tembler Range	52-D			see samples above	Papp		
26604	Kern	Shale Point	324	494	Tembler Range	52-D			see samples above	Papp		
26605	Kern	Shale Point	324	495	Tembler Range	52-D			see samples above	Papp		
26606	Kern	Shale Point	324	496	Tembler Range	52-D			see samples above	Papp		
26607	Kern	Shale Point	324	498	Tembler Range	52-D			see samples above	Papp		
26608	Kern	Shale Point	324	499	Tembler Range	52-D			see samples above	Papp		
26609	Kern	Shale Point	324	501	Tembler Range	52-D			see samples above	Papp		
26610	Kern	Shale Point	324	502	Tembler Range	52-D			see samples above	Papp		
26611	Kern	Shale Point	324	504	Tembler Range	52-D			see samples above	Papp		
26612	Kern	Shale Point	324	505A	Tembler Range	52-D			see samples above	Papp		
26613	Kern	Shale Point	324	506	Tembler Range	52-D			see samples above	Papp		
26614	Kern	Shale Point	324	510	Tembler Range	52-D			see samples above	Papp		
26615	Kern	Shale Point	324	512	Tembler Range	52-D			see samples above	Papp		
26616	Kern	Shale Point	324	513	Tembler Range	52-D			see samples above	Papp		
26617	Kern	Shale Point	566		Shale Point	A-7			Upper Miocene			
26618	Shasta	Shasta Dam	7598	107	Little Cow Creek	152-J	Millville 15'		U Cret H zone	Welge		
26619	Shasta	Shasta Dam	7599	0	Buckeye area	154-I	see strat column	Redding 15'	not diagnostic	Welge		
26620	Shasta	Shasta Dam	7599	1	Buckeye area	154-I	lot 750	Redding 15'	not diagnostic	Welge		
26621	Shasta	Shasta Dam	7599	2	Buckeye area	154-I	not on map	Redding 15'	not diagnostic	Welge		
26622	Shasta	Shasta Dam	7599	3	Buckeye area	154-I	Redding 15'		not diagnostic	Welge		
26623	Shasta	Shasta Dam	7599	5	Buckeye area	154-I	Redding 15'		not diagnostic	Welge		
26624	Shasta	Shasta Dam	7599	8	Buckeye area	154-I	Redding 15'		not diagnostic	Welge		
26625	Imperial	Shell Reef	436	1	center of quad	58-G	old Barrel Spr Q	Imperial Fm	Pliocene			
26626	Imperial	Shell Reef	436	4	center of quad	58-G	old Barrel Spr Q	Age from	Pliocene			
26627	Imperial	Shell Reef	436	5	center of quad	58-G	old Barrel Spr Q	Weaver	Pliocene			
26628	Imperial	Shell Reef	436	7	center of quad	58-G	old Barrel Spr Q		Pliocene			
26629	Imperial	Shell Reef	436	9	center of quad	58-G	old Barrel Spr Q		Pliocene			
26630	Imperial	Shell Reef	436	10	center of quad	58-G	old Barrel Spr Q		Pliocene			
26631	Imperial	Shell Reef	436	12	center of quad	58-G	old Barrel Spr Q		Pliocene			
26632	Fresno	Sherman Peak	11767	5A	SE part of quad	71-F	Priest Val 15'	age from lab	U Cret H zone	Reber		
26633	Fresno	Sherman Peak	11767	6	SE part of quad	71-F	Priest Val 15'	age from lab	U Cret H zone	Reber		
26634	Fresno	Sherman Peak	11767	9	SE part of quad	177-M	Priest Val 15'	age from lab	U Cret H zone			
26635	Fresno	Sherman Peak	11796	1	NE part of quad	202-D	Priest Valley 15'		no paleo info	Reber		
26636	Fresno	Sherman Peak	11796	2	NE part of quad	202-D	Priest Valley 15'		no paleo info	Reber		
26637	Fresno	Sherman Peak	11796	3	NE part of quad	202-D	Priest Valley 15'		no paleo info	Reber		
26638	Fresno	Sherman Peak	11796	4	NE part of quad	260-G	Priest Valley 15'		no paleo info	Reber		
26639	Fresno	Sherman Peak	11796	5	NE part of quad	260-G	Priest Valley 15'		no paleo info	Reber		
26640	Fresno	Sherman Peak	11796	6	NE part of quad	260-G	Priest Valley 15'		no paleo info	Reber		
26641	Fresno	Sherman Peak	11796	7	NE part of quad	260-G	Priest Valley 15'		no paleo info	Reber		
26642	Fresno	Sherman Peak	11796	8	NE part of quad	260-G	Priest Valley 15'		no paleo info	Reber		
26643	Fresno	Sherman Peak	11796	9	NE part of quad	260-G	Priest Valley 15'		no paleo info	Reber		
26644	Fresno	Sherman Peak	26950	B	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
26645	Fresno	Sherman Peak	26950	D	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
26646	Fresno	Sherman Peak	26950	E	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
26647	Fresno	Sherman Peak	26950	F	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
26648	Fresno	Sherman Peak	26950	H	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
26649	Fresno	Sherman Peak	26950	I	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
26650	Fresno	Sherman Peak	26951		SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
26651	Fresno	Sherman Peak	26952	A	SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
26652	Fresno	Sherman Peak	26953		SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
26653	Fresno	Sherman Peak	26954		SE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
26654	Shasta	Shingletown	10363	2	NW part of quad	113-F	no map provided	3/30N/1W	no paleo info	Barr auger		
26655	Shasta	Shingletown	10363	3	NW part of quad	113-F	no map provided	3/30N/1W	no paleo info	Barr auger		
26656	Humboldt	Shubrick Peak	22876		Mattole River	162-B	Point Delgata 15'		contaminated?			
26657	Humboldt	Shubrick Peak	22876	RW	Mattole River	162-B	Point Delgata 15'		Cretaceous			
26658	Ventura	Simi Valley East	126	6	NW part of quad	49-H			no age provided			
26659	Ventura	Simi Valley East	126	9	NW part of quad	49-H			no age provided			
26660	Ventura	Simi Valley East	126	10	NW part of quad	49-H			no age provided			
26661	Ventura	Simi Valley East	126	SS-1	Poison Oak Cyn	78-N	assemblage slide	Age from	Paleocene D zone			
26662	Ventura	Simi Valley East	126	SS-2	Poison Oak Cyn	78-N	assemblage slide	Weaver 1944	Paleocene D zone			
26663	Ventura	Simi Valley East	126	types	Poison Oak Cyn	78-N	assemblage slide		Paleocene D zone			
26664	Ventura	Simi Valley East	126	1	Poison Oak Cyn	61-L			Paleocene D zone			
26665	Ventura	Simi Valley East	126	2	Poison Oak Cyn	61-L			Paleocene D zone			
26666	Ventura	Simi Valley East	126	3	Poison Oak Cyn	61-L			Paleocene D zone			
26667	Ventura	Simi Valley East	126	4	Poison Oak Cyn	61-L			Paleocene D zone			
26668	Ventura	Simi Valley East	126	5	Poison Oak Cyn	61-L			Paleocene D zone			
26669	Ventura	Simi Valley East	126	6	Poison Oak Cyn	61-L			Paleocene D zone			
26670	Ventura	Simi Valley East	126	7	Poison Oak Cyn	61-L			Paleocene D zone			
26671	Ventura	Simi Valley East	126	8	Poison Oak Cyn	61-L			Paleocene D zone			
26672	Ventura	Simi Valley East	126	9	Poison Oak Cyn	61-L			Paleocene D zone			
26673	Ventura	Simi Valley East	126	10	Poison Oak Cyn	61-L			Paleocene D zone			
26674	Ventura	Simi Valley East	126	11	Poison Oak Cyn	61-L			Paleocene D zone			
26675	Ventura	Simi Valley East	126	12	Poison Oak Cyn	61-L			Paleocene D zone			
26676	Ventura	Simi Valley East	126	13	Poison Oak Cyn	61-L			Paleocene D zone			
26677	Ventura	Simi Valley East	126	14	Poison Oak Cyn	61-L			Paleocene D zone			
26678	Ventura	Simi Valley East	126	18	Poison Oak Cyn	61-L			Paleocene D zone			
26679	Ventura	Simi Valley East	126	19	Poison Oak Cyn	61-L			Paleocene D zone			
26680	Ventura	Simi Valley East	126	20	Poison Oak Cyn	61-L			Paleocene D zone			
26681	Ventura	Simi Valley East	126	21	Poison Oak Cyn	61-L			Paleocene D zone			
26682	Ventura	Simi Valley East	126	22	Poison Oak Cyn	61-L			Paleocene D zone			
26683	Ventura	Simi Valley East	126	23	Poison Oak Cyn	61-L			Paleocene D zone			
26684	Ventura	Simi Valley East	126	27	Poison Oak Cyn	61-L			Paleocene D zone			
26685	Ventura	Simi Valley East	126	28	Poison Oak Cyn	61-L			Paleocene D zone			
26686	Ventura	Simi Valley East	126	29	Poison Oak Cyn	61-L			Paleocene D zone			
26687	Ventura	Simi Valley East	126	30	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	ONE/SERIES/AGI	COLLECTORS		
26858	Ventura	Simi Valley East	191	I-112	center of quad	56-N	Quad.	"Martinez" Fm	Paleocene			
26859	Ventura	Simi Valley East	191	I-113	center of quad	56-N		"Martinez" Fm	Paleocene			
26860	Ventura	Simi Valley East	191	I-114	center of quad	56-N		"Martinez" Fm	Paleocene			
26861	Ventura	Simi Valley East	191	I-115	center of quad	56-N		"Martinez" Fm	Paleocene			
26862	Ventura	Simi Valley East	191	I-116	center of quad	56-N		"Martinez" Fm	Paleocene			
26863	Ventura	Simi Valley East	191	I-117	center of quad	56-N		"Martinez" Fm	Paleocene			
26864	Ventura	Simi Valley East	344	238	not on map	76-J	Located in Oil	Have strat	Eocene			
26865	Ventura	Simi Valley East	344	239	not on map	76-J	Caynon north of	column	Eocene			
26866	Ventura	Simi Valley East	344	240	not on map	76-J	Simi Valley but	Llajas Fm	Eocene			
26867	Ventura	Simi Valley East	344	241	not on map	76-J	this name is not on	Llajas Fm	Eocene			
26868	Ventura	Simi Valley East	344	242	not on map	76-J	modern topo maps	Llajas Fm	Eocene			
26869	Ventura	Simi Valley East	344	243	not on map	76-J		Llajas Fm	Eocene			
26870	Ventura	Simi Valley East	344	244	not on map	76-J		Llajas Fm	Eocene			
26871	Ventura	Simi Valley East	344	245	not on map	76-J		Llajas Fm	Eocene			
26872	Ventura	Simi Valley East	344	247	not on map	76-J		Llajas Fm	Eocene			
26873	Ventura	Simi Valley East	344	250	not on map	76-J		Llajas Fm	Eocene			
26874	Ventura	Simi Valley East	344	252	not on map	76-J		Llajas Fm	Eocene			
26875	Ventura	Simi Valley East	344	254	not on map	76-J		Llajas Fm	Eocene			
26876	Ventura	Simi Valley East	344	255	not on map	76-J		Llajas Fm	Eocene			
26877	Ventura	Simi Valley East	344	256	not on map	76-J		Llajas Fm	Eocene			
26878	Ventura	Simi Valley East	344	258	not on map	76-J		Llajas Fm	Eocene			
26879	Ventura	Simi Valley East	344	260	not on map	76-J		Llajas Fm	Eocene			
26880	Ventura	Simi Valley East	344	261	not on map	76-J		Llajas Fm	Eocene			
26881	Ventura	Simi Valley East	344	262	not on map	76-J		Llajas Fm	Eocene			
26882	Ventura	Simi Valley East	344	263	not on map	76-J		Llajas Fm	Eocene			
26883	Ventura	Simi Valley East	344	265	not on map	76-J		Llajas Fm	Eocene			
26884	Ventura	Simi Valley East	344	266	not on map	76-J		Llajas Fm	Eocene			
26885	Ventura	Simi Valley East	344	267	not on map	76-J		Llajas Fm	Eocene			
26886	Ventura	Simi Valley East	344	268	not on map	76-J		Llajas Fm	Eocene			
26887	Ventura	Simi Valley East	344	269	not on map	76-J		Llajas Fm	Eocene			
26888	Ventura	Simi Valley East	344	270	not on map	76-J		Llajas Fm	Eocene			
26889	Ventura	Simi Valley East	344	271	not on map	76-J		Llajas Fm	Eocene			
26890	Ventura	Simi Valley East	344	273	not on map	76-J		Llajas Fm	Eocene			
26891	Ventura	Simi Valley East	344	275	not on map	76-J		Llajas Fm	Eocene			
26892	Ventura	Simi Valley East	344	276	not on map	76-J		Llajas Fm	Eocene			
26893	Ventura	Simi Valley East	344	277	not on map	76-J		Llajas Fm	Eocene			
26894	Ventura	Simi Valley East	344	281	not on map	76-J		Llajas Fm	Eocene			
26895	Ventura	Simi Valley East	344	282	not on map	76-J		Llajas Fm	Eocene			
26896	Ventura	Simi Valley East	344	283	not on map	76-J		Llajas Fm	Eocene			
26897	Ventura	Simi Valley East	344	287	not on map	76-J		Llajas Fm	Eocene			
26898	Ventura	Simi Valley East	344	288	not on map	76-J		Llajas Fm	Eocene			
26899	Ventura	Simi Valley East	344	289	not on map	76-J		Llajas Fm	Eocene			
26900	Ventura	Simi Valley East	344	290	not on map	76-J		Llajas Fm	Eocene			
26901	Ventura	Simi Valley East	344	293	not on map	76-J		Llajas Fm	Eocene			
26902	Ventura	Simi Valley East	344	294	not on map	76-J		Llajas Fm	Eocene			
26903	Ventura	Simi Valley East	344	295	not on map	76-K		Llajas Fm	Eocene			
26904	Ventura	Simi Valley East	344	296	not on map	76-K		Llajas Fm	Eocene			
26905	Ventura	Simi Valley East	344	297	not on map	76-K		Llajas Fm	Eocene			
26906	Ventura	Simi Valley East	344	298	not on map	76-K		Llajas Fm	Eocene			
26907	Ventura	Simi Valley East	344	299	not on map	76-K		Llajas Fm	Eocene			
26908	Ventura	Simi Valley East	344	300	not on map	76-K		Llajas Fm	Eocene			
26909	Ventura	Simi Valley East	344	301	not on map	76-K		Llajas Fm	Eocene			
26910	Ventura	Simi Valley East	344	302	not on map	76-K		Llajas Fm	Eocene			
26911	Ventura	Simi Valley East	344	303	not on map	76-K		Llajas Fm	Eocene			
26912	Ventura	Simi Valley East	344	304	not on map	76-K		Llajas Fm	Eocene			
26913	Ventura	Simi Valley East	344	305	not on map	76-K		Llajas Fm	Eocene			
26914	Ventura	Simi Valley East	344	306	not on map	76-K		Llajas Fm	Eocene			
26915	Ventura	Simi Valley East	344	307	not on map	76-K		Llajas Fm	Eocene			
26916	Ventura	Simi Valley East	344	308	not on map	76-K		Llajas Fm	Eocene			
26917	Ventura	Simi Valley East	344	309	not on map	76-K		Llajas Fm	Eocene			
26918	Ventura	Simi Valley East	345	329	Simi Valley area	79-K	S. Susana fm.	Age from	Paleocene D zone			
26919	Ventura	Simi Valley East	345	330	Simi Valley area	79-K	Did not find the	Weaver	Paleocene D zone			
26920	Ventura	Simi Valley East	345	336	Simi Valley area	79-K	locality. Strat		Paleocene D zone			
26921	Ventura	Simi Valley East	345	337	Simi Valley area	79-K	column indicates it		Paleocene D zone			
26922	Ventura	Simi Valley East	345	338	Simi Valley area	79-K	is in Llagas and		Paleocene D zone			
26923	Ventura	Simi Valley East	345	339	Simi Valley area	79-K	Poison Oak Canyons		Paleocene D zone			
26924	Ventura	Simi Valley East	345	340	Simi Valley area	79-K	in center of Simi		Paleocene D zone			
26925	Ventura	Simi Valley East	345	341	Simi Valley area	79-K	Valley East quad.		Paleocene D zone			
26926	Ventura	Simi Valley East	345	342	Simi Valley area	79-K			Paleocene D zone			
26927	Ventura	Simi Valley East	345	343	Simi Valley area	79-K			Paleocene D zone			
26928	Ventura	Simi Valley East	345	344	Simi Valley area	79-K			Paleocene D zone			
26929	Ventura	Simi Valley East	345	345	Simi Valley area	79-K			Paleocene D zone			
26930	Ventura	Simi Valley East	345	346	Simi Valley area	79-K			Paleocene D zone			
26931	Ventura	Simi Valley East	345	347	Simi Valley area	79-K			Paleocene D zone			
26932	Ventura	Simi Valley East	345	348	Simi Valley area	79-K			Paleocene D zone			
26933	Ventura	Simi Valley East	345	349	Simi Valley area	79-K			Paleocene D zone			
26934	Ventura	Simi Valley East	345	350	Simi Valley area	79-K			Paleocene D zone			
26935	Ventura	Simi Valley East	345	351	Simi Valley area	79-K			Paleocene D zone			
26936	Ventura	Simi Valley East	345	352	Simi Valley area	79-K			Paleocene D zone			
26937	Ventura	Simi Valley East	345	353	Simi Valley area	79-K			Paleocene D zone			
26938	Ventura	Simi Valley East	345	354	Simi Valley area	79-K			Paleocene D zone			
26939	Ventura	Simi Valley East	345	355	Simi Valley area	79-K			Paleocene D zone			
26940	Ventura	Simi Valley East	345	356	Simi Valley area	79-K			Paleocene D zone			
26941	Ventura	Simi Valley East	345	357	Simi Valley area	79-K			Paleocene D zone			
26942	Ventura	Simi Valley East	345	358	Simi Valley area	79-K			Paleocene D 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		
27113	Los Angeles	Simi Valley East	2267		EC part of quad	18-E	old S Susanna Q		Eocene	Szatai		
27114	Los Angeles	Simi Valley East	2268		EC part of quad	18-E	old S Susanna Q		Eocene	Szatai		
27115	Los Angeles	Simi Valley East	2300		EC part of quad	18-E	old S Susanna Q		Lower Mohnian			
27116	Los Angeles	Simi Valley East	2301		EC part of quad	18-E	old S Susanna Q		possibly Mohnian			
27117	Los Angeles	Simi Valley East	2302		EC part of quad	18-E	old S Susanna Q		Eocene (Llajas)			
27118	Ventura	Simi Valley East	2339		Llajas Cyn area	18-F	old S Susanna Q		Luisian			
27119	Ventura	Simi Valley East	2340		Llajas Cyn area	18-F	old S Susanna Q		Luisian			
27120	Ventura	Simi Valley East	2341		Llajas Cyn area	18-G	old S Susanna Q		Lower Mohnian			
27121	Ventura	Simi Valley East	2342		Llajas Cyn area	18-G	old S Susanna Q		Mohnian			
27122	Ventura	Simi Valley East	2343		Llajas Cyn area	18-G	old S Susanna Q		possibly Mohnian			
27123	Ventura	Simi Valley East	2349		Llajas Cyn area	18-F	old S Susanna Q		not diagnostic			
27124	Los Angeles	Simi Valley East	2350		Llajas Cyn area	18-F	old S Susanna Q		Luisian			
27125	Ventura	Simi Valley East	2354		Llajas Cyn area	18-F	old S Susanna Q		Luisian			
27126	Ventura	Simi Valley East	2355		Llajas Cyn area	18-F	old S Susanna Q		Miocene			
27127	Ventura	Simi Valley East	2356		Llajas Cyn area	18-H	old S Susanna Q		Luisian			
27128	Los Angeles	Simi Valley East	2357		Llajas Cyn area	18-F	old S Susanna Q		Llajas			
27129	Los Angeles	Simi Valley East	2358		Llajas Cyn area	18-F	old S Susanna Q		Luisian			
27130	Los Angeles	Simi Valley East	2359		Llajas Cyn area	18-F	old S Susanna Q		Lower Mohnian			
27131	Los Angeles	Simi Valley East	2362		Llajas Cyn area	18-F	old S Susanna Q		Lower Mohnian			
27132	Los Angeles	Simi Valley East	2363		Llajas Cyn area	18-F	old S Susanna Q		Lower Mohnian			
27133	Los Angeles	Simi Valley East	2364		Llajas Cyn area	18-F	old S Susanna Q		not diagnostic			
27134	Los Angeles	Simi Valley East	2365		Llajas Cyn area	18-F	old S Susanna Q		Upper Pliocene			
27135	Los Angeles	Simi Valley East	2367		Llajas Cyn area	18-F	old S Susanna Q		Miocene			
27136	Los Angeles	Simi Valley East	2368		Llajas Cyn area	18-F	old S Susanna Q		Lower Mohnian			
27137	Los Angeles	Simi Valley East	2369		Llajas Cyn area	18-F	old S Susanna Q		Eocene			
27138	Los Angeles	Simi Valley East	2370		Llajas Cyn area	18-F	old S Susanna Q		Eocene			
27139	Ventura	Simi Valley East	2377		Llajas Cyn area	18-F	old S Susanna Q		Lower Pliocene			
27140	Ventura	Simi Valley East	2378		Llajas Cyn area	18-F	old S Susanna Q		Llajas			
27141	Ventura	Simi Valley East	2380		Llajas Cyn area	18-F	old S Susanna Q		Miocene			
27142	Ventura	Simi Valley East	2383		Llajas Cyn area	18-F	old S Susanna Q		Eocene			
27143	Ventura	Simi Valley East	2384		Llajas Cyn area	18-F	old S Susanna Q		Eocene			
27144	Los Angeles	Simi Valley East	2385		Llajas Cyn area	18-F	old S Susanna Q		Eocene			
27145	Los Angeles	Simi Valley East	2386		Llajas Cyn area	18-F	old S Susanna Q		Eocene			
27146	Los Angeles	Simi Valley East	2387		Llajas Cyn area	18-F	old S Susanna Q		Miocene			
27147	Los Angeles	Simi Valley East	2388		Llajas Cyn area	18-F	old S Susanna Q		Mohnian			
27148	Ventura	Simi Valley East	2390		Llajas Cyn area	18-G	old S Susanna Q		Lower Mohnian			
27149	Ventura	Simi Valley East	2391		Llajas Cyn area	18-G	old S Susanna Q		Miocene			
27150	Ventura	Simi Valley East	2392		Llajas Cyn area	18-G	old S Susanna Q		Pliocene			
27151	Ventura	Simi Valley East	2393		Llajas Cyn area	18-G	old S Susanna Q		Luisian			
27152	Ventura	Simi Valley East	2394		Llajas Cyn area	18-G	old S Susanna Q		Pliocene			
27153	Ventura	Simi Valley East	2395		Llajas Cyn area	18-G	old S Susanna Q		Upper Pliocene			
27154	Ventura	Simi Valley East	2396		Llajas Cyn area	18-G	old S Susanna Q		Miocene			
27155	Ventura	Simi Valley East	2397		not on map but	18-G	quad name on slide		Pliocene			
27156	Ventura	Simi Valley East	2400		not on map but	18-G	quad name on slide		Pliocene			
27157	Ventura	Simi Valley East	2401		not on map but	18-G	quad name on slide		Pliocene			
27158	Ventura	Simi Valley East	2402		not on map but	18-G	quad name on slide		not diagnostic			
27159	Los Angeles	Simi Valley East	2409		not on map but	18-G	quad name on slide		Lower Mohnian			
27160	Ventura	Simi Valley East	2571		Las Llajas Canyon	18-H			no paleo info			
27161	Ventura	Simi Valley East	2572		Las Llajas Canyon	18-H			no paleo info			
27162	Ventura	Simi Valley East	2573		Las Llajas Canyon	33-F			no paleo info			
27163	Ventura	Simi Valley East	2574		Las Llajas Canyon	33-F			no paleo info			
27164	Ventura	Simi Valley East	2575		Las Llajas Canyon	33-F			no paleo info			
27165	Ventura	Simi Valley East	2576		Las Llajas Canyon	33-F			no paleo info			
27166	Ventura	Simi Valley East	2577		Las Llajas Canyon	33-F		age from	Paleocene D zone			
27167	Ventura	Simi Valley East	2578		Las Llajas Canyon	33-F		Weaver 1944	Paleocene D zone			
27168	Ventura	Simi Valley East	2579		Las Llajas Canyon	33-F		have strat	Paleocene D zone			
27169	Ventura	Simi Valley East	2580		Las Llajas Canyon	33-F		column - see	Paleocene D zone			
27170	Ventura	Simi Valley East	2581		Las Llajas Canyon	33-F		lot 126	Paleocene D zone			
27171	Ventura	Simi Valley East	2582		Las Llajas Canyon	33-F			Paleocene D zone			
27172	Ventura	Simi Valley East	2583		Las Llajas Canyon	33-F			Paleocene D zone			
27173	Ventura	Simi Valley East	2584		Las Llajas Canyon	33-F		age from	Paleocene D zone			
27174	Ventura	Simi Valley East	2585		Las Llajas Canyon	33-F		Weaver 1944	Paleocene D zone			
27175	Ventura	Simi Valley East	2586		Las Llajas Canyon	33-F			Paleocene D zone			
27176	Ventura	Simi Valley East	2587		Las Llajas Canyon	33-F			Paleocene D zone			
27177	Los Angeles	Simi Valley East	2588		Las Llajas Canyon	33-F			no paleo info			
27178	Los Angeles	Simi Valley East	2589		Las Llajas Canyon	33-F			Pliocene			
27179	Los Angeles	Simi Valley East	2590		Las Llajas Canyon	33-F			Pliocene			
27180	Los Angeles	Simi Valley East	2591		Las Llajas Canyon	33-F			Pliocene			
27181	Los Angeles	Simi Valley East	2592		Las Llajas Canyon	33-F			Pliocene			
27182	Los Angeles	Simi Valley East	2593		Las Llajas Canyon	33-F			Pliocene			
27183	Los Angeles	Simi Valley East	2594		not found	33-F	see also #2790		no paleo info			
27184	Los Angeles	Simi Valley East	2595		Las Llajas Canyon	33-F			no paleo info			
27185	Ventura	Simi Valley East	4202		center of quad	140-G	Llajas Fm	large forams	Eocene			
27186	Los Angeles	Simi Valley East	6454		S Susanna Pass	54-H	old S Susanna Q		no paleo info			
27187	Los Angeles	Simi Valley East	6455		S Susanna Pass	54-H	old S Susanna Q		no paleo info			
27188	Los Angeles	Simi Valley East	6456		S Susanna Pass	54-H	old S Susanna Q		no paleo info			
27189	Ventura	Simi Valley West	69	1	center of quad	7-B	old Simi Quad		not diagnostic			
27190	Ventura	Simi Valley West	69	2	center of quad	7-B	old Simi Quad		not diagnostic			
27191	Ventura	Simi Valley West	69	3	center of quad	7-B	old Simi Quad		not diagnostic			
27192	Ventura	Simi Valley West	69	5	center of quad	7-B	old Simi Quad		not diagnostic			
27193	Ventura	Simi Valley West	69	6	center of quad	7-B	old Simi Quad		not diagnostic			
27194	Ventura	Simi Valley West	69	7	center of quad	7-B	old Simi Quad		not diagnostic			
27195	Ventura	Simi Valley West	69	8	center of quad	7-B	old Simi Quad		not diagnostic			
27196	Ventura	Simi Valley West	69	9	center of quad	7-B	old Simi Quad		not diagnostic			
27197	Ventura	Simi Valley West	69	10	center of quad	7-B	old Simi Quad		Luisian			

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		
27198	Ventura	Simi Valley West	69	11	center of quad	7-B	old Simi Quad		Luisian			
27199	Ventura	Simi Valley West	69	12	center of quad	7-B	old Simi Quad		Luisian			
27200	Ventura	Simi Valley West	69	13	center of quad	7-B	old Simi Quad		Luisian			
27201	Ventura	Simi Valley West	69	14	center of quad	7-B	old Simi Quad		Luisian			
27202	Ventura	Simi Valley West	70	1	NW part of quad	5-G	old Simi Quad		Miocene			
27203	Ventura	Simi Valley West	70	2	NW part of quad	5-G	old Simi Quad		Middle Mohnian			
27204	Ventura	Simi Valley West	70	3	NW part of quad	5-G	old Simi Quad		Miocene			
27205	Ventura	Simi Valley West	70	4	NW part of quad	5-G	old Simi Quad		Middle Mohnian			
27206	Ventura	Simi Valley West	70	5	NW part of quad	5-G	old Simi Quad		Middle Mohnian			
27207	Ventura	Simi Valley West	71	1	NE corner of quad	8-I	strat column		Prob Mohnian			
27208	Ventura	Simi Valley West	71	2	NE corner of quad	8-I	old Simi Quad		Prob Mohnian			
27209	Ventura	Simi Valley West	71	3	NE corner of quad	8-I	old Simi Quad		Upper Pliocene			
27210	Ventura	Simi Valley West	71	4	NE corner of quad	8-I	old Simi Quad		Upper Pliocene			
27211	Ventura	Simi Valley West	71	5	NE corner of quad	8-I	old Simi Quad		Upper Pliocene			
27212	Ventura	Simi Valley West	71	6	NE corner of quad	8-I	old Simi Quad		Upper Pliocene			
27213	Ventura	Simi Valley West	71	7	NE corner of quad	8-I	old Simi Quad		Upper Pliocene			
27214	Ventura	Simi Valley West	71	8	NE corner of quad	8-I	old Simi Quad		Upper Pliocene			
27215	Ventura	Simi Valley West	71	9	NE corner of quad	8-I	old Simi Quad		Pleistocene			
27216	Ventura	Simi Valley West	71	10	NE corner of quad	8-I	old Simi Quad		Pleistocene			
27217	Ventura	Simi Valley West	71	11	NE corner of quad	8-I	old Simi Quad		Pleistocene			
27218	Ventura	Simi Valley West	71	12	NE corner of quad	8-I	old Simi Quad		Pleistocene			
27219	Ventura	Simi Valley West	71	13	NE corner of quad	8-I	old Simi Quad		Pleistocene			
27220	Ventura	Simi Valley West	71	14	NE corner of quad	8-I	old Simi Quad		Pleistocene			
27221	Ventura	Simi Valley West	71	15	NE corner of quad	8-I	old Simi Quad		Pleistocene			
27222	Ventura	Simi Valley West	71	16	NE corner of quad	8-I	old Simi Quad		Pleistocene			
27223	Ventura	Simi Valley West	164	2	NE corner of quad	G-4	old Simi quad		Luisian			
27224	Ventura	Simi Valley West	164	3	NE corner of quad	G-4	old Simi quad		Luisian/Relizian			
27225	Ventura	Simi Valley West	164	4	NE corner of quad	G-4	old Simi quad		Luisian/Relizian			
27226	Ventura	Simi Valley West	165	2	NE corner of quad	44-J	old Simi quad		Luisian/Relizian	White		
27227	Ventura	Simi Valley West	165	6	NE corner of quad	44-J	old Simi quad		Miocene?	White		
27228	Ventura	Simi Valley West	165	11	NE corner of quad	44-J	old Simi quad		Miocene?	White		
27229	Ventura	Simi Valley West	166	17	NE corner of quad	9-G	old Simi quad		Miocene?			
27230	Ventura	Simi Valley West	1043		Happy Camp area	57-I	old Simi quad		no paleo info			
27231	Ventura	Simi Valley West	1046		Happy Camp area	57-I	old Simi quad		no paleo info			
27232	San Luis Obispo	Simmler	1980		NE corner of quad	81-D			no paleo info	Kriz		
27233	San Luis Obispo	Simmler	1981		NE corner of quad	81-D			no paleo info	Kriz		
27234	San Luis Obispo	Simmler	1983		NE corner of quad	81-D			no paleo info	Kriz		
27235	San Luis Obispo	Simmler	1984		NE corner of quad	81-D	Temblor Range		no paleo info	Kriz		
27236	San Luis Obispo	Simmler	1987		NE corner of quad	81-D			no paleo info			
27237	San Luis Obispo	Simmler	2067		Temblor	82-B			no paleo info	Papp		
27238	San Luis Obispo	Simmler	2068		Temblor	82-B			no paleo info	Papp		
27239	San Luis Obispo	Simmler	2071		NE corner of quad	82-B			no paleo info	Papp		
27240	San Luis Obispo	Simmler	2207		NE corner of quad	89-L			no paleo info	Papp		
27241	San Luis Obispo	Simmler	11058	1	NE corner of quad	249-D			no paleo info	RBV-WJE		
27242	San Luis Obispo	Simmler	11058	2	NE corner of quad	249-D			no paleo info	RBV-WJE		
27243	San Luis Obispo	Simmler	11058	3	NE corner of quad	249-D			no paleo info	RBV-WJE		
27244	San Luis Obispo	Simmler	11061	1	NE corner of quad	249-D			no paleo info	RBV-WJE		
27245	San Luis Obispo	Simmler	11061	2	NE corner of quad	249-D			no paleo info	RBV-WJE		
27246	San Luis Obispo	Simmler	21059		SW corner of quad	189-B			not diagnostic			
27247	San Luis Obispo	Simmler	21060		SW corner of quad	189-B			no paleo info			
27248	Colusa	Sites	198	1	not on map	G-4	Lodoga 15'	sites section	U Cret F-2 zone	Kirby		
27249	Colusa	Sites	198	2	not on map	G-4	Lodoga 15'	strat column	U Cret G-1 zone	Kirby		
27250	Colusa	Sites	198	3	not on map	G-4	Lodoga 15'	foram list	U Cret G-1 zone	Kirby		
27251	Colusa	Sites	198	4	not on map	G-4	Lodoga 15'		U Cret G-1 zone	Kirby		
27252	Colusa	Sites	198	5	not on map	G-4	Lodoga 15'		U Cret G-1 zone	Kirby		
27253	Colusa	Sites	198	6	not on map	G-4	Lodoga 15'		U Cret G-1 zone	Kirby		
27254	Colusa	Sites	198	7	not on map	G-4	Lodoga 15'		U Cret G-1 zone	Kirby		
27255	Colusa	Sites	198	8	not on map	G-4	Lodoga 15'		U Cret G-2 zone	Kirby		
27256	Colusa	Sites	198	9	not on map	G-4	Lodoga 15'		U Cret G-2 zone	Kirby		
27257	Colusa	Sites	198	10	not on map	G-4	Lodoga 15'		U Cret G-2 zone	Kirby		
27258	Colusa	Sites	198	11	not on map	G-4	Lodoga 15'		U Cret H zone	Kirby		
27259	Colusa	Sites	675	1	Funks Creek	149-J	Logoda 15'		Upper Cret I zone	Raydon		
27260	Colusa	Sites	675	2	Funks Creek	149-J	Logoda 15'		Upper Cret I zone	Raydon		
27261	Colusa	Sites	675	3	Funks Creek	149-J	Logoda 15'		Upper Cret I zone	Raydon		
27262	Colusa	Sites	675	4	Funks Creek	149-J	Logoda 15'		Upper Cret I zone	Raydon		
27263	Colusa	Sites	675	5	Funks Creek	149-J	Logoda 15'		Upper Cret I zone	Raydon		
27264	Colusa	Sites	675	7	Funks Creek	149-J	Logoda 15'		Upper Cret I zone	Raydon		
27265	Colusa	Sites	675	8	Funks Creek	149-J	Logoda 15'		Upper Cret I zone	Raydon		
27266	Colusa	Sites	675	9	Funks Creek	149-J	Logoda 15'		Upper Cret I zone	Raydon		
27267	Colusa	Sites	675	10	Funks Creek	149-J	Logoda 15'		Upper Cret I zone	Raydon		
27268	Colusa	Sites	675	11	Funks Creek	149-J	Logoda 15'		Upper Cret H zone	Raydon		
27269	Colusa	Sites	675	12	Funks Creek	149-J	Logoda 15'		Upper Cret H zone	Raydon		
27270	Colusa	Sites	675	14A	Funks Creek	149-J	Logoda 15'		Upper Cret H zone	Raydon		
27271	Colusa	Sites	675	14B	Funks Creek	149-J	Logoda 15'		Upper Cret H zone	Raydon		
27272	Colusa	Sites	675	15A	Funks Creek	149-J	Logoda 15'		U Cret G-2 zone	Raydon		
27273	Colusa	Sites	675	15B	Funks Creek	149-J	Logoda 15'		U Cret G-2 zone	Raydon		
27274	Colusa	Sites	675	16	Funks Creek	149-J	Logoda 15'		U Cret G-2 zone	Raydon		
27275	Colusa	Sites	675	17	Funks Creek	149-J	Logoda 15'		U Cret G-2 zone	Raydon		
27276	Colusa	Sites	675	18	Funks Creek	149-J	Logoda 15'		U Cret G-2 zone	Raydon		
27277	Colusa	Sites	675	19	Funks Creek	149-J	Logoda 15'		U Cret G-1 zone	Raydon		
27278	Colusa	Sites	675	20	Funks Creek	149-J	Logoda 15'		U Cret G-1 zone	Raydon		
27279	Colusa	Sites	675	23	Funks Creek	151-L	Logoda 15'	not on map	U Cret F-2 zone	Hornung		
27280	Colusa	Sites	675	24	Funks Creek	151-L	Logoda 15'	not on map	U Cret F-2 zone	Hornung		
27281	Colusa	Sites	675	25	Funks Creek	151-L	Logoda 15'	not on map	U Cret F-2 zone	Hornung		
27282	Colusa	Sites	675	26	Funks Creek	151-L	Logoda 15'	not on map	U Cret F-2 zone	Hornung		

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		
27283	Colusa	Sites	675	27	Funks Creek	151-L	Logoda 15'	not on map	U Cret F-1 zone	Hornung		
27284	Colusa	Sites	675	28	Funks Creek	151-L	Logoda 15'	not on map	U Cret F-1 zone	Hornung		
27285	Colusa	Sites	675	29	Funks Creek	151-L	Logoda 15'	not on map	U Cret F-1 zone	Hornung		
27286	Colusa	Sites	675	30	Funks Creek	151-L	Logoda 15'	not on map	U Cret F-1 zone	Hornung		
27287	Colusa	Sites	675	31	Funks Creek	151-L	Logoda 15'	not on map	U Cret F-1 zone	Hornung		
27288	Colusa	Sites	675	32	Funks Creek	151-L	Logoda 15'	not on map	U Cret F-1 zone	Hornung		
27289	Colusa	Sites	675	33	Funks Creek	151-L	Logoda 15'	not on map	U Cret F-1 zone	Hornung		
27290	Colusa	Sites	675	34	Funks Creek	151-L	Logoda 15'	not on map	U Cret F-1 zone	Hornung		
27291	Colusa	Sites	675	35	Funks Creek	151-L	Logoda 15'	not on map	U Cret F-1 zone	Hornung		
27292	Colusa	Sites	675	36	Funks Creek	151-L	Logoda 15'	not on map	U Cret F-1 zone	Hornung		
27293	Colusa	Sites	767	1	Dunlap Creek	152-C	Lodoga 15'	(not Gnis)	not diagnostic			
27294	Colusa	Sites	767	2	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
27295	Colusa	Sites	767	3	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
27296	Colusa	Sites	767	4	Dunlap Creek	152-C	Lodoga 15'		L Cret J-1 zone			
27297	Colusa	Sites	767	5	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
27298	Colusa	Sites	767	6	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
27299	Colusa	Sites	767	7	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
27300	Colusa	Sites	767	8	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
27301	Colusa	Sites	767	9	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
27302	Colusa	Sites	767	10	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
27303	Colusa	Sites	767	11	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
27304	Colusa	Sites	767	12	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
27305	Colusa	Sites	767	13	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
27306	Colusa	Sites	767	14	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
27307	Colusa	Sites	767	15	Dunlap Creek	152-C	Lodoga 15'		not diagnostic			
27308	Colusa	Sites	767	16	Dunlap Creek	152-C	Lodoga 15'		L Cret J-1 zone			
27309	Colusa	Sites	768	17	Dunlap Creek	152-C	Lodoga 15'		L Cret J-1 zone			
27310	Colusa	Sites	768	18	Dunlap Creek	152-C	Lodoga 15'		L Cret J-1 zone			
27311	Colusa	Sites	768	19	Dunlap Creek	152-C	Lodoga 15'		L Cret J-1 zone			
27312	Fresno	Smith Mountain	11369		NE corner of quad	120-B	Priest Valley 15'	see # 23150	no paleo info	Richardsn		
27313	Fresno	Smith Mountain	11369	RW	NE corner of quad	120-B	Priest Valley 15'	see # 23150	no paleo info	Richardsn		
27314	Fresno	Smith Mountain	11369	RW	NE corner of quad	260-H	Priest Valley 15'	see # 23150	Cretaceous	Richardsn		
27315	Fresno	Smith Mtn	26949	B-1	NE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
27316	Fresno	Smith Mtn	26949	B-2	NE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
27317	Fresno	Smith Mtn	26949	B-3	NE part of quad	101-L	Priest Valley 15'	age on slide	Cretaceous			
27318	Santa Barbara	Solvang	197	B2719	base of section	12-K	Molander Thesis	no ages given	see thesis			
27319	Santa Barbara	Solvang	197	2720	WC part of quad	12-K	Molander Thesis		see thesis			
27320	Santa Barbara	Solvang	197	2721		12-K	Molander Thesis		see thesis			
27321	Santa Barbara	Solvang	197	2722		12-K	Molander Thesis		see thesis			
27322	Santa Barbara	Solvang	197	2723		12-K	Molander Thesis		see thesis			
27323	Santa Barbara	Solvang	197	2724		12-K	Molander Thesis		see thesis			
27324	Santa Barbara	Solvang	197	2725		12-K	Molander Thesis		see thesis			
27325	Santa Barbara	Solvang	197	2726		12-K	Molander Thesis		see thesis			
27326	Santa Barbara	Solvang	197	2727		12-K	Molander Thesis		see thesis			
27327	Santa Barbara	Solvang	197	2728		12-K	Molander Thesis		see thesis			
27328	Santa Barbara	Solvang	197	2729		12-K	Molander Thesis		see thesis			
27329	Santa Barbara	Solvang	197	2730		12-K	Molander Thesis		see thesis			
27330	Santa Barbara	Solvang	197	2731		12-K	Molander Thesis		see thesis			
27331	Santa Barbara	Solvang	197	2732		12-K	Molander Thesis		see thesis			
27332	Santa Barbara	Solvang	197	2733		12-K	Molander Thesis		see thesis			
27333	Santa Barbara	Solvang	197	2734		12-K	Molander Thesis		see thesis			
27334	Santa Barbara	Solvang	197	2735		12-K	Molander Thesis		see thesis			
27335	Santa Barbara	Solvang	197	2736		12-K	Molander Thesis		see thesis			
27336	Santa Barbara	Solvang	197	2737		12-K	Molander Thesis		see thesis			
27337	Santa Barbara	Solvang	197	2738		12-K	Molander Thesis		see thesis			
27338	Santa Barbara	Solvang	197	2739		12-K	Molander Thesis		see thesis			
27339	Santa Barbara	Solvang	197	2740		12-K	Molander Thesis		see thesis			
27340	Santa Barbara	Solvang	197	2741		12-K	Molander Thesis		see thesis			
27341	Santa Barbara	Solvang	197	2742		12-K	Molander Thesis		see thesis			
27342	Santa Barbara	Solvang	197	2743		12-K	Molander Thesis		see thesis			
27343	Santa Barbara	Solvang	197	2744		12-K	Molander Thesis		see thesis			
27344	Santa Barbara	Solvang	197	2745		12-K	Molander Thesis		see thesis			
27345	Santa Barbara	Solvang	197	2746		12-K	Molander Thesis		see thesis			
27346	Santa Barbara	Solvang	197	2747		12-K	Molander Thesis		see thesis			
27347	Santa Barbara	Solvang	197	2748		12-K	Molander Thesis		see thesis			
27348	Santa Barbara	Solvang	197	2749		12-K	Molander Thesis		see thesis			
27349	Santa Barbara	Solvang	197	2750		12-K	Molander Thesis		see thesis			
27350	Santa Barbara	Solvang	197	2751		12-K	Molander Thesis		see thesis			
27351	Santa Barbara	Solvang	197	2752		12-K	Molander Thesis		see thesis			
27352	Santa Barbara	Solvang	197	2753		12-K	Molander Thesis		see thesis			
27353	Santa Barbara	Solvang	197	2754		12-K	Molander Thesis		see thesis			
27354	Santa Barbara	Solvang	197	2755		12-K	Molander Thesis		see thesis			
27355	Santa Barbara	Solvang	197	2756	top of section	12-K	Molander Thesis		see thesis			
27356	Santa Barbara	Solvang	221	135	Arroyo Hondo	60-E	strat column		Eocene	Weaver		
27357	Santa Barbara	Solvang	221	136	Arroyo Hondo	60-E	strat column		Eocene	Weaver		
27358	Santa Barbara	Solvang	221	139	Arroyo Hondo	60-E	strat column		Eocene	Weaver		
27359	Santa Barbara	Solvang	221	140	Arroyo Hondo	60-E	strat column		Eocene	Weaver		
27360	Santa Barbara	Solvang	221	141	Arroyo Hondo	60-E	strat column		Eocene	Weaver		
27361	Santa Barbara	Solvang	358	1	Canada las Cruces	52-K	Los Olivos 15'		no paleo info			
27362	Santa Barbara	Solvang	358	2	Canada las Cruces	52-K	Los Olivos 15'		no paleo info			
27363	Santa Barbara	Solvang	358	3	Canada las Cruces	52-K	Los Olivos 15'		no paleo info			
27364	Santa Barbara	Solvang	358	4	Canada las Cruces	52-K	Los Olivos 15'		no paleo info			
27365	Santa Barbara	Solvang	358	5	Canada las Cruces	52-K	Los Olivos 15'		no paleo info			
27366	Santa Barbara	Solvang	358	6	Canada las Cruces	52-K	Los Olivos 15'		no paleo info			
27367	Santa Barbara	Solvang	358	7	Canada las Cruces	52-K	Los Olivos 15'		no paleo info			

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ONE/SERIES/AGI	COLLECTORS		
27368	Santa Barbara	Solvang	358	8	Canada las Cruces	52-K	Los Olivos 15'		no paleo info			
27369	Santa Barbara	Solvang	358	9	Canada las Cruces	52-K	Los Olivos 15'		no paleo info			
27370	Santa Barbara	Solvang	2488		1 mi NE L Cruces	29-H			U Eocene A zone			
27371	Santa Barbara	Solvang	2489		2 mi NE L Cruces	29-H			U Eocene A zone			
27372	Santa Barbara	Solvang	2490		3 mi NE L Cruces	29-H			U Eocene A zone			
27373	Santa Barbara	Solvang	2491		4 mi NE L Cruces	29-H			U Eocene A zone			
27374	Santa Barbara	Solvang	2492		5 mi NE L Cruces	29-H			U Eocene A zone			
27375	Santa Barbara	Solvang	2493		1 mi NE L Cruces	29-H			U Eocene A zone			
27376	Santa Barbara	Solvang	2494		2 mi NE L Cruces	29-H			U Eocene A zone			
27377	Santa Barbara	Solvang	2495		3 mi NE L Cruces	29-H			U Eocene A zone			
27378	Santa Barbara	Solvang	2496		4 mi NE L Cruces	29-H			U Eocene A zone			
27379	Santa Barbara	Solvang	2497		5 mi NE L Cruces	29-H			U Eocene A zone			
27380	Santa Barbara	Solvang	2498		6 mi NE L Cruces	29-H			U Eocene A zone			
27381	Santa Barbara	Solvang	2499		7 mi NE L Cruces	29-H			U Eocene A zone			
27382	Santa Barbara	Solvang	2500		Nojoqui Grade	29-H			U Eocene A zone			
27383	Santa Barbara	Solvang	2501		Nojoqui Grade	69-I			no paleo info			
27384	Santa Barbara	Solvang	2502		Nojoqui Grade	69-I			Paleocene E zone			
27385	Santa Barbara	Solvang	2505		Live Oak Ranch	69-I	has Discocyclina		Eocene			
27386	Santa Barbara	Solvang	2506		Live Oak Ranch	69-I			U Eocene A zone			
27387	Santa Barbara	Solvang	2507		Live Oak Ranch	69-I			not diagnostic			
27388	Santa Barbara	Solvang	2548		Canada de Gaviota	69-I			no paleo info			
27389	Santa Barbara	Solvang	3663		SW part of quad	69-J			M Eocene A-2	Kraetsch		
27390	Santa Barbara	Solvang	3845		Alisal Road	69-K			not diagnostic	Kraetsch		
27391	Santa Barbara	Solvang	3846		Monjas Creek	69-K			not diagnostic	Kraetsch		
27392	Santa Barbara	Solvang	3849		Nojoqui Road	69-K			not diagnostic	Kraetsch		
27393	Santa Barbara	Solvang	3850		center of quad	69-K			Zemorrian	Kraetsch		
27394	Santa Barbara	Solvang	7956		NW part of quad	251-A	sa Joaquin Rocks		Upper Eocene			
27395	Santa Barbara	Solvang?	4793		EC part of quad	37-M			no paleo info			
27396	Santa Barbara	Solvang?	4795	1	NW corner quad	19-D	Slide says Santa	Rosa Hills but	Miocene?			
27397	Santa Barbara	Solvang?	4795	3	NW corner quad	19-D	not shown on map	Loc 4795 is on	Miocene?			
27398	Santa Barbara	Solvang?	4795	2A	NW corner quad	19-D	Solvang Quad. Slide also says ro		Miocene?			
27399	Santa Barbara	Solvang?	4795	R20	NW corner quad	9-I	unit is Vaqueros.		Miocene?			
27400	Santa Barbara	Solvang?	4795	2	NW corner quad	37-M			Miocene?			
27401	Santa Barbara	Solvang?	4795	2	NW corner quad	37-M			Miocene?			
27402	Santa Barbara	Solvang?	4795	3	NW corner quad	37-M			Miocene?			
27403	Stanislaus	Solyo	350	1	Ingram Canyon	224-K	strat column		U Cret D-1 zone			
27404	Stanislaus	Solyo	350	2	Ingram Canyon	224-K	strat column		U Cret D-1 zone			
27405	Stanislaus	Solyo	350	3	Ingram Canyon	224-K	strat column		U Cret D-1 zone			
27406	Stanislaus	Solyo	350	4	Ingram Canyon	224-K	strat column		U Cret D-1 zone			
27407	Stanislaus	Solyo	350	5	Ingram Canyon	224-K	strat column		U Cret D-1 zone			
27408	Stanislaus	Solyo	350	6	Ingram Canyon	224-K	strat column		U Cret D-1 zone			
27409	Stanislaus	Solyo	350	7	Ingram Canyon	224-K	strat column		U Cret D-1 zone			
27410	Stanislaus	Solyo	350	8	Ingram Canyon	224-K	strat column		U Cret D-1 zone			
27411	Stanislaus	Solyo	350	9	Ingram Canyon	224-K	strat column		U Cret D-1 zone			
27412	Stanislaus	Solyo	350	13	Ingram Canyon	224-K	strat column		U Cret D-1 zone			
27413	Stanislaus	Solyo	350	15	Ingram Canyon	224-K	strat column		U Cret D-1 zone			
27414	Stanislaus	Solyo	350	17	Ingram Canyon	224-K	strat column		U Cret D-1 zone			
27415	Stanislaus	Solyo	350	18	Ingram Canyon	224-K	strat column		U Cret D-1 zone			
27416	Stanislaus	Solyo	350	19	Ingram Canyon	224-K	strat column		U Cret D-1 zone			
27417	Stanislaus	Solyo	350	20	Ingram Canyon	224-K	strat column		U Cret D-1 zone			
27418	Stanislaus	Solyo	350	37	Ingram Canyon	224-K	strat column		U Cret D-1 zone			
27419	Stanislaus	Solyo	350	38	Ingram Canyon	224-K	strat column		U Cret D-1 zone			
27420	Stanislaus	Solyo	350	39	Ingram Canyon	224-K	strat column		U Cret D-1 zone			
27421	Stanislaus	Solyo	350	40	Ingram Canyon	224-K	strat column		U Cret D-1 zone			
27422	Stanislaus	Solyo	350	41	Ingram Canyon	224-K	strat column		U Cret D-1 zone			
27423	Stanislaus	Solyo	350	42	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27424	Stanislaus	Solyo	350	43	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27425	Stanislaus	Solyo	350	44	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27426	Stanislaus	Solyo	350	45	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27427	Stanislaus	Solyo	350	46	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27428	Stanislaus	Solyo	350	47	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27429	Stanislaus	Solyo	350	48	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27430	Stanislaus	Solyo	350	49	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27431	Stanislaus	Solyo	350	50	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27432	Stanislaus	Solyo	350	51	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27433	Stanislaus	Solyo	350	52	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27434	Stanislaus	Solyo	350	53	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27435	Stanislaus	Solyo	350	54	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27436	Stanislaus	Solyo	350	55	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27437	Stanislaus	Solyo	350	56	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27438	Stanislaus	Solyo	350	57	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27439	Stanislaus	Solyo	350	58	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27440	Stanislaus	Solyo	350	59	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27441	Stanislaus	Solyo	350	60	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27442	Stanislaus	Solyo	350	61	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27443	Stanislaus	Solyo	350	62	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27444	Stanislaus	Solyo	350	63	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27445	Stanislaus	Solyo	350	64	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27446	Stanislaus	Solyo	350	65	Ingram Canyon	224-K	strat column		U Cret D-2 zone			
27447	Stanislaus	Solyo	350	66	Ingram Canyon	224-L	strat column		U Cret D-2 zone			
27448	Stanislaus	Solyo	350	67	Ingram Canyon	224-L	strat column		U Cret D-2 zone			
27449	Stanislaus	Solyo	350	68	Ingram Canyon	224-L	strat column		U Cret D-2 zone			
27450	Stanislaus	Solyo	350	69	Ingram Canyon	224-L	strat column		U Cret D-2 zone			
27451	Stanislaus	Solyo	350	70	Ingram Canyon	224-L	strat column		U Cret D-2 zone			
27452	Stanislaus	Solyo	350	80	Ingram Canyon	224-L	strat column		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		ONE/SERIES/AG	COLLECTORS		
27453	Stanislaus	Solyo	350	81	Ingram Canyon	224-L	strat column		U Cret D-2 zone			
27454	Stanislaus	Solyo	350	82	Ingram Canyon	224-L	strat column		U Cret D-2 zone			
27455	Stanislaus	Solyo	350	83	Ingram Canyon	224-L	strat column		U Cret E zone			
27456	Stanislaus	Solyo	350	17	Ingram Canyon	224-L		rewash	no new information			
27457	Stanislaus	Solyo	350	18	Ingram Canyon	224-L		rewash	no new information			
27458	Stanislaus	Solyo	350	19	Ingram Canyon	224-L		rewash	no new information			
27459	Stanislaus	Solyo	350	20	Ingram Canyon	224-L		rewash	no new information			
27460	Stanislaus	Solyo	350	38	Ingram Canyon	224-L		rewash	no new information			
27461	Stanislaus	Solyo	350	39	Ingram Canyon	224-L		rewash	no new information			
27462	Stanislaus	Solyo	350	40	Ingram Canyon	224-L		rewash	no new information			
27463	Stanislaus	Solyo	350	41	Ingram Canyon	224-L		rewash	no new information			
27464	Stanislaus	Solyo	350	42	Ingram Canyon	224-L		rewash	no new information			
27465	Stanislaus	Solyo	350	43	Ingram Canyon	224-L		rewash	no new information			
27466	Stanislaus	Solyo	350	44	Ingram Canyon	224-L		rewash	no new information			
27467	Stanislaus	Solyo	350	45	Ingram Canyon	224-L		rewash	no new information			
27468	Stanislaus	Solyo	350	46	Ingram Canyon	224-L		rewash	no new information			
27469	Stanislaus	Solyo	350	47	Ingram Canyon	224-L		rewash	no new information			
27470	Stanislaus	Solyo	350	48	Ingram Canyon	224-L		rewash	no new information			
27471	Stanislaus	Solyo	350	66	Ingram Canyon	224-L		rewash	no new information			
27472	Stanislaus	Solyo	350	67	Ingram Canyon	224-L		rewash	no new information			
27473	Stanislaus	Solyo	350	68	Ingram Canyon	224-L		rewash	no new information			
27474	Stanislaus	Solyo	350	69	Ingram Canyon	224-L		rewash	no new information			
27475	Stanislaus	Solyo	350	70	Ingram Canyon	224-L		rewash	no new information			
27476	Stanislaus	Solyo	350	80	Ingram Canyon	224-L		rewash	no new information			
27477	Stanislaus	Solyo	350	81	Ingram Canyon	224-L		rewash	no new information			
27478	Stanislaus	Solyo	350	82	Ingram Canyon	224-L		rewash	no new information			
27479	Stanislaus	Solyo	350	83	Ingram Canyon	224-L		rewash	no new information			
27480	San Joaquin	Solyo	471	9	Hospital Creek	108-L			Upper Cretaceous			
27481	San Joaquin	Solyo	471	10A	Hospital Creek	108-L			not diagnostic			
27482	San Joaquin	Solyo	471	12	Hospital Creek	108-L			Upper Cretaceous			
27483	San Joaquin	Solyo	471	13	Hospital Creek	108-L			Upper Cretaceous			
27484	San Joaquin	Solyo	9496		Hospital Creek	B-13	not on map		U Cret E zone	Huppi		
27485	Stanislaus	Solyo	11559	1A	Ingram Canyon	213-D	3/5S/6E (SLP)	not on map	Upper Cretaceous	Young		
27486	Stanislaus	Solyo	11559	1B	Ingram Canyon	213-D	3/5S/6E (SLP)	not on map	Upper Cretaceous	Young		
27487	Stanislaus	Solyo	11559	1C	Ingram Canyon	213-D	3/5S/6E (SLP)	not on map	Upper Cretaceous	Young		
27488	Stanislaus	Solyo	11560	2A	Ingram Canyon	213-D	2/5S/6E (SLP)	not on map	Upper Cretaceous	Young		
27489	Stanislaus	Solyo	11560	2B	Ingram Canyon	213-D	2/5S/6E (SLP)	not on map	Upper Cretaceous	Young		
27490	Stanislaus	Solyo	11560	2C	Ingram Canyon	213-D	2/5S/6E (SLP)	not on map	Upper Cretaceous	Young		
27491	San Joaquin	Solyo	20727	2	Bird Road	236-D	Northern SJV auger		no paleo info			
27492	San Joaquin	Solyo	20727	3	Bird Road	236-D	Northern SJV auger		no paleo info			
27493	San Joaquin	Solyo	20727	4	Bird Road	236-D	Northern SJV auger		no paleo info			
27494	San Joaquin	Solyo	20727	5	Bird Road	236-D	Northern SJV auger		no paleo info			
27495	San Joaquin	Solyo	20727	6	Bird Road	236-D	Northern SJV auger		no paleo info			
27496	San Joaquin	Solyo	20727	7	Bird Road	236-D	Northern SJV auger		no paleo info			
27497	San Joaquin	Solyo	20727	8	Bird Road	236-D	Northern SJV auger		no paleo info			
27498	San Joaquin	Solyo	20727	8	Bird Road	236-D	Northern SJV auger		no paleo info			
27499	San Joaquin	Solyo	20727	9	Bird Road	236-D	Northern SJV auger		no paleo info			
27500	San Joaquin	Solyo	20727	9	Bird Road	236-D	Northern SJV auger		no paleo info			
27501	San Joaquin	Solyo	20727	10	Bird Road	236-D	Northern SJV auger		no paleo info			
27502	San Joaquin	Solyo	20727	11	Bird Road	236-D	Northern SJV auger		no paleo info			
27503	San Joaquin	Solyo	20727	11	Bird Road	236-D	Northern SJV auger		no paleo info			
27504	San Joaquin	Solyo	20727	12	Bird Road	236-D	Northern SJV auger		no paleo info			
27505	San Joaquin	Solyo	20727	13	Bird Road	236-D	Northern SJV auger		no paleo info			
27506	San Joaquin	Solyo	20727	15	Bird Road	236-D	Northern SJV auger		no paleo info			
27507	San Joaquin	Solyo	20727	16	Bird Road	236-D	Northern SJV auger		no paleo info			
27508	San Joaquin	Solyo	20727	17	Bird Road	236-D	Northern SJV auger		no paleo info			
27509	San Joaquin	Solyo	20727	18	Bird Road	236-D	Northern SJV auger		no paleo info			
27510	San Joaquin	Solyo	20727	19	Bird Road	236-D	Northern SJV auger		no paleo info			
27511	Napa	Sonoma	22965		SE part of quad	202-B			prob U Miocene	Lyon		
27512	Napa	Sonoma	22966		SE part of quad	202-B			prob U Miocene	Lyon		
27513	Napa	Sonoma	22969		SE part of quad	202-B			prob U Miocene	Lyon		
27514	Monterey	Spreckles	3749		Corral de Tierra	123-F	also has 4649 and	4950	Upper Miocene			
27515	Monterey	Spreckles	4649		Corral de Tierra	123-F	24/16S/2E (SLP)	see #3749	Upper Miocene			
27516	Monterey	Spreckles	4950		Corral Tierra Vly	123-F	24/16S/2E (SLP)	see # 3749	Upper Miocene			
27517	Monterey	Spreckles	4951		Corral Tierra Vly	123-F			Upper Miocene			
27518	Monterey	Spreckles	4952		Washington Schoo	123-F	14/16S/2E (SLP)		Upper Miocene			
27519	Monterey	Spreckles	4953		Calera Canyon	123-F	15/16S/2E (SLP)		Upper? Miocene			
27520	Monterey	Spreckles	4961		Rana Creek	123-F			Upper? Miocene			
27521	Sonoma	Stewarts Point	13755	1003	Del Mar Point	53-D			see Went thesis	Wentworth		
27522	Sonoma	Stewarts Point	13756	1004	SE of Del Mar Pt	53-D			see Went thesis	Wentworth		
27523	Sonoma	Stewarts Point	13757	1005	SE of Del Mar Pt	53-D		NP age	Upper Cretaceous	Wentworth		
27524	Sonoma	Stewarts Point	13758	1006	SE of Del Mar Pt	53-D			see Went thesis	Wentworth		
27525	Sonoma	Stewarts Point	13759	1007	SE of Del Mar Pt	53-D			see Went thesis	Wentworth		
27526	Sonoma	Stewarts Point	13760	1008	SE of Black Point	53-D			see Went thesis	Wentworth		
27527	Sonoma	Stewarts Point	13761	1009	Fishermans Bay	53-D			see Went thesis	Wentworth		
27528	Sonoma	Stewarts Point	30970	2	Along the coast	99-H			Lower Eocene			
27529	Sonoma	Stewarts Point	30970	3	Along the coast	99-H			not diagnostic			
27530	Sonoma	Stewarts Point	30970	4	Along the coast	99-H			not diagnostic			
27531	Sonoma	Stewarts Point	30970	6	Along the coast	99-H			poss Eocene			
27532	Sonoma	Stewarts Point	30970	7	Along the coast	99-H			not diagnostic			
27533	Sonoma	Stewarts Point	30970	12	Along the coast	99-H			U Cret D/E zones			
27534	Sonoma	Stewarts Point	30970	14	Along the coast	99-H			U Cret E zone			
27535	Sonoma	Stewarts Point	30970	17	Along the coast	99-H			not diagnostic			
27536	Sonoma	Stewarts Point	30970	19	Along the coast	99-H			Cretaceous			
27537	Sonoma	Stewarts Point	30970	20	Along the coast	99-H			U Cret D/E 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/AGI	COLLECTORS		
27538	Sonoma	Stewarts Point	30970	21	Along the coast	99-H			not diagnostic			
27539	Monterey	Stockdale Mountain	2259		Vineyard Cyn Rd	76-B	San Miguel 15'		Upper Mohnian?			
27540	Monterey	Stockdale Mountain	2260		Vineyard Cyn Rd	76-B	San Miguel 15'		not diagnostic			
27541	Monterey	Stockdale Mountain	5400		NW part of quad	4-I	San Miguel 15'		no paleo info			
27542	Glenn	Stone Valley	517	2	Hoodoo Hills	152-B	Fruto 15'		U Cret	Amundson		
27543	Glenn	Stone Valley	517	4	Hoodoo Hills	152-B	Fruto 15'		poss L Cret	Amundson		
27544	Glenn	Stone Valley	517	7	Hoodoo Hills	152-B	Fruto 15'		L Cret J zone	Amundson		
27545	Glenn	Stone Valley	517	10	Hoodoo Hills	152-B	Fruto 15'		prob L Cret J zone	Amundson		
27546	Glenn	Stone Valley	763	8	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	L Cret J-1 zone			
27547	Glenn	Stone Valley	763	9	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	L Cret J-1 zone			
27548	Glenn	Stone Valley	763	10	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	L Cret J-1 zone			
27549	Glenn	Stone Valley	763	11	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	L Cret J-1 zone			
27550	Glenn	Stone Valley	763	12	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	L Cret J-1 zone			
27551	Glenn	Stone Valley	763	19	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	not diagnostic			
27552	Glenn	Stone Valley	763	20	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	not diagnostic			
27553	Glenn	Stone Valley	763	22	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	L Cret J-1 zone			
27554	Glenn	Stone Valley	763	29	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	U Cret I zone			
27555	Glenn	Stone Valley	763	30	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	not diagnostic			
27556	Glenn	Stone Valley	763	31	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	U Cret H zone			
27557	Glenn	Stone Valley	763	32	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	not diagnostic			
27558	Glenn	Stone Valley	763	34	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	U Cret H zone			
27559	Glenn	Stone Valley	763	35	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	U Cret H zone			
27560	Glenn	Stone Valley	763	38	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	not diagnostic			
27561	Glenn	Stone Valley	763	39	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	Upper Cretaceous			
27562	Glenn	Stone Valley	763	40	Nye Ck RR Grade	152-D	Fruto 15'	Humble shot h	U Cret H zone			
27563	Glenn	Stone Valley	774	27	J-607 seis line	152-A	Fruto 15'		Prob L Cret J zone			
27564	Glenn	Stone Valley	774	28	J-607 seis line	152-A	Fruto 15'		Prob L Cret J zone			
27565	Glenn	Stone Valley	774	29A	J-607 seis line	152-A	Fruto 15'		L Cret J zone			
27566	Glenn	Stone Valley	774	30	J-607 seis line	152-A	Fruto 15'		L Cret J zone			
27567	Glenn	Stone Valley	774	31	J-607 seis line	152-A	Fruto 15'		L Cret J zone			
27568	Glenn	Stone Valley	774	32	J-607 seis line	152-A	Fruto 15'		Cretaceous			
27569	Glenn	Stone Valley	774	32A	J-607 seis line	152-B	Fruto 15'		Cretaceous			
27570	Glenn	Stone Valley	774	33	J-607 seis line	152-B	Fruto 15'		Upper Cretaceous			
27571	Glenn	Stone Valley	774	34	J-607 seis line	152-B	Fruto 15'		Upper Cretaceous			
27572	Glenn	Stone Valley	774	36	J-607 seis line	152-B	Fruto 15'		U Cret G-2 zone			
27573	Glenn	Stone Valley	774	37	J-607 seis line	152-B	Fruto 15'		U Cret G-2 zone			
27574	Glenn	Stone Valley	774	37A	J-607 seis line	152-B	Fruto 15'		U Cret G-2 zone			
27575	Glenn	Stone Valley	774	39	J-607 seis line	152-B	Fruto 15'		Prob U Cret G-2			
27576	Glenn	Stone Valley	774	40	J-607 seis line	152-B	Fruto 15'		U Cret H or I zone			
27577	Glenn	Stone Valley	774	42	J-607 seis line	152-B	Fruto 15'		not diagnostic			
27578	Glenn	Stone Valley	774	43	J-607 seis line	152-B	Fruto 15'		not diagnostic			
27579	Glenn	Stone Valley	774	44	J-607 seis line	152-B	Fruto 15'		U Cret I zone			
27580	Glenn	Stone Valley	774	45	J-607 seis line	152-B	Fruto 15'		L Cret J zone			
27581	Glenn	Stone Valley	774	46	J-607 seis line	152-B	Fruto 15'		L Cret J zone			
27582	Glenn	Stone Valley	774	49	J-607 seis line	152-B	Fruto 15'		L Cret J zone			
27583	Glenn	Stone Valley	774	50	J-607 seis line	152-B	Fruto 15'		L Cret J zone			
27584	Glenn	Stone Valley	774	52	J-607 seis line	152-B	Fruto 15'		L Cret J zone			
27585	Glenn	Stone Valley	3438		center of quad	152-D	Fruto 15'		L Cret J-2 zone	Ammund.		
27586	Glenn	Stone Valley	3439		center of quad	152-D	Fruto 15'		L Cret J-2 zone	Ammund.		
27587	Glenn	Stone Valley	3440		center of quad	152-D	Fruto 15'		L Cret J-2 zone	Ammund.		
27588	Glenn	Stone Valley	3441		center of quad	152-D	Fruto 15'		L Cret J-2 zone	Ammund.		
27589	Glenn	Stone Valley	3442		center of quad	152-D	Fruto 15'		L Cret J-2 zone	Ammund.		
27590	Glenn	Stone Valley	3443		center of quad	152-D	Fruto 15'		L Cret J-2 zone	Ammund.		
27591	Glenn	Stone Valley	10368	1AB	Hoodoo Hills	113-F	Fruto 15'	4-5/19N/4W	not diagnostic	Barr auger		
27592	Glenn	Stone Valley	10368	2	Hoodoo Hills	113-F	Fruto 15'	4-5/19N/4W	not diagnostic	Barr auger		
27593	Glenn	Stonyford	517	43	Stony Creek	152-B	Stonyford 15'		not diagnostic	Amundson		
27594	Los Angeles	Sunland	6743		S of Herreres Rch	61-B			Pliocene			
27595	Los Angeles	Sunland	6746		S of Herreres Rch	61-B	limy layer		Mohnian			
27596	Los Angeles	Sunland	6748		S of Herreres Rch	61-B			not diagnostic			
27597	Los Angeles	Sunland	6749		W of Camp B Lane	61-B			Mohnian			
27598	Los Angeles	Sunland	6751		SE of Camp B Lane	61-B			Mohnian			
27599	Los Angeles	Sunland	6752		Doane Canyon	61-B			Mohnian			
27600	Los Angeles	Sunland	6753		Doane Canyon	61-B			Mohnian			
27601	Los Angeles	Sunland	6755		NW of Ebey Cyn	61-B			Mohnian			
27602	Los Angeles	Sunland	6757		SW of Herreres R	61-B			not diagnostic			
27603	Los Angeles	Sunland	6758		SW of Herreres R	61-B			not diagnostic			
27604	Los Angeles	Sunland	8914		SW of Sunland	79-M			Lower Mohnian			
27605	Los Angeles	Sunland	9054	6	SW of Herreres	79-N			Mohnian			
27606	Los Angeles	Sunland	9055	5	SE of Herreres R	79-N			Mohnian			
27607	Los Angeles	Sunland	9066		SE of Herreres R	79-N			Mohnian			
27608	Santa Barbara	Surf	1840		SW part of quad	69-D	Point Arguello 15'		no paleo info	Zeni-Hoh		
27609	Santa Barbara	Surf	1841	A	SW part of quad	69-D	Point Arguello 15'		no paleo info	Zeni-Hoh		
27610	Santa Barbara	Surf	1841	B	SW part of quad	69-D	Point Arguello 15'		no paleo info	Zeni-Hoh		
27611	Sutter	Sutter Buttes	989	1	Fig Tree Gulch	229-G	Sac Valley		L? Eocene	Barr		
27612	Sutter	Sutter Buttes	989	3	Fig Tree Gulch	229-G	Sac Valley		L? Eocene	Barr		
27613	Sutter	Sutter Buttes	989	4	Fig Tree Gulch	229-G	Sac Valley		L Eocene B-4 zone	Barr		
27614	Sutter	Sutter Buttes	989	4A	Fig Tree Gulch	229-G	Sac Valley		no paleo info	Barr		
27615	Sutter	Sutter Buttes	989	4B	Fig Tree Gulch	229-G	Sac Valley		no paleo info	Barr		
27616	Sutter	Sutter Buttes	1055		Fig Tree Gulch		28/16N/1E		small snails	Stewart		
27617	Sutter	Sutter Buttes?	232	2	Marysville Bts	F-11	not on map		no paleo info	Donlon		
27618	Sutter	Sutter Buttes?	232	3	Marysville Bts	F-11	not on map		no paleo info	Donlon		
27619	Sutter	Sutter Buttes?	232	4	Marysville Bts	F-11	not on map		no paleo info	Donlon		
27620	Sutter	Sutter Buttes?	232	5	Marysville Bts	F-11	not on map		no paleo info	Donlon		
27621	Sutter	Sutter Buttes?	232	6	Marysville Bts	F-11	not on map		no paleo info	Donlon		
27622	Sutter	Sutter Buttes?	232	7	Marysville Bts	F-11	not on map		no paleo info	Donlon		

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		
27623	Sutter	Sutter Buttes?	990	1	Fig Tree Gulch?	174-N	Sac Valley	not on map	no paleo info	Barr		
27624	Sutter	Sutter Buttes?	990	2A	Fig Tree Gulch?	174-N	Sac Valley	not on map	no paleo info	Barr		
27625	Sutter	Sutter Buttes?	990	6	Fig Tree Gulch?	174-N	Sac Valley	not on map	no paleo info	Barr		
27626	Sutter	Sutter Buttes?	990	7	Fig Tree Gulch?	174-N	Sac Valley	not on map	no paleo info	Barr		
27627	Monterey	Sycamore Flat	7179	RW	WC part of quad	46-C	Soledad 15'		Luisian	Ortalda		
27628	Monterey	Sycamore Flat	8600		SE of Grandmas F	81-I	Arroyo Seco		Mohnian	Stanford		
27629	Monterey	Sycamore Flat	8620		W of Millers Rnch	81-I	sa Baldwin Park		not diagnostic	Stanford		
27630	Monterey	Sycamore Flat	8621		W of Millers Rnch	81-I			Mohnian	Stanford		
27631	Monterey	Sycamore Flat	8622		W of Millers Rnch	81-I			Mohnian	Stanford		
27632	Monterey	Sycamore Flat	8623		W of Millers Rnch	81-I			Mohnian	Stanford		
27633	Monterey	Sycamore Flat	8624		W of Millers Rnch	81-I			Luisian	Stanford		
27634	Monterey	Sycamore Flat	8639		SE of Grandmas F	81-J			Middle Miocene	Stanford		
27635	Monterey	Sycamore Flat	8666		Jamesburg-AS Rd	81-J			Luisian	Stanford		
27636	Monterey	Sycamore Flat	8677		Paloma Creek	81-J			Luisian/Relizian	Stanford		
27637	Monterey	Sycamore Flat	8678		Paloma Creek	81-J			Luisian	Stanford		
27638	Monterey	Sycamore Flat	8679		Paloma Creek	81-J			Luisian	Stanford		
27639	Monterey	Sycamore Flat	8680		Paloma Creek	81-J			Luisian	Stanford		
27640	Monterey	Sycamore Flat	8681		Paloma Creek	81-J			Luisian	Stanford		
27641	Monterey	Sycamore Flat	8682		Basin Creek	81-J			Mohnian	Stanford		
27642	Monterey	Sycamore Flat	8683		Basin Creek	81-J	sa L Pine Mtn		Lower Mohnian	Stanford		
27643	Monterey	Sycamore Flat	8684		Basin Creek	81-J			Mohnian	Stanford		
27644	Monterey	Sycamore Flat	8686		Basin Creek	81-J			Lower Mohnian	Stanford		
27645	Monterey	Sycamore Flat	8687		Basin Creek	81-J			Mohnian	Stanford		
27646	Monterey	Sycamore Flat	8690		Basin Creek	81-J			Luisian	Stanford		
27647	Monterey	Sycamore Flat	8691		Basin Creek	81-J			Luisian	Stanford		
27648	Monterey	Sycamore Flat	8692		Basin Creek	81-J			Luisian	Stanford		
27649	Monterey	Sycamore Flat	8693		Basin Creek	81-J			Luisian	Stanford		
27650	Monterey	Sycamore Flat	8966		Soledad	155-N			Luisian	Lindvall		
27651	Monterey	Sycamore Flat	8967		Soledad	155-N			Luisian	Lindvall		
27652	Monterey	Sycamore Flat	8968		NE part of quad	155-N	Arroyo Seco		Luisian	Lindvall		
27653	Monterey	Sycamore Flat	9057		Sand Creek	155-N		rubber casts	Upper Miocene	Lindvall		
27654	Monterey	Sycamore Flat	9067		Sand Creek	155-N		rubber casts	Luisian	Lindvall		
27655	Monterey	Sycamore Flat	9068		Sand Creek	155-N		rubber casts	? Luisian	Lindvall		
27656	Monterey	Sycamore Flat	9069		Sand Creek	155-N			L Mohnian?	Lindvall		
27657	Monterey	Sycamore Flat	9070		Basin Creek	155-N			L Mohnian	Lindvall		
27658	Monterey	Sycamore Flat	9071		Basin Creek	155-N			Luisian/Mohnian	Lindvall		
27659	Monterey	Sycamore Flat	9072		Basin Creek	155-N			L Mohnian	Lindvall		
27660	Monterey	Sycamore Flat	9072	RS	Basin Creek	155-N			L Mohnian	Lindvall		
27661	Monterey	Sycamore Flat	9073		Basin Creek	155-N			L Mohnian	Lindvall		
27662	Monterey	Sycamore Flat	9074		Paloma Creek	155-N			? Luisian	Lindvall		
27663	Monterey	Sycamore Flat	9097		Paloma Creek	155-H			Luisian	Lindvall		
27664	Monterey	Sycamore Flat	9098		Paloma Creek	155-H			Middle Miocene	Lindvall		
27665	Monterey	Sycamore Flat	9099		Paloma Creek	155-H			Luisian	Lindvall		
27666	Monterey	Sycamore Flat	9102		SE of The Basin	42-G			Luisian	Ayres & L		
27667	Monterey	Sycamore Flat	9113		Tash Creek	160-M			Luisian	Lindvall		
27668	Monterey	Sycamore Flat	9114		NW of The Basin	160-M			not diagnostic	Lindvall		
27669	Monterey	Sycamore Flat	9116		not found	160-M			Luisian	Lindvall		
27670	Monterey	Sycamore Flat	9117		Tash Creek	160-M			Luisian	Lindvall		
27671	Monterey	Sycamore Flat	9118		Tash Creek	160-M			Luisian/ Mohnian	Lindvall		
27672	Monterey	Sycamore Flat	9120		Tash Creek	160-M			not diagnostic	Lindvall		
27673	Monterey	Sycamore Flat	9150		Paloma Creek	155-N			Luisian	Lindvall		
27674	Monterey	Sycamore Flat	9151		Paloma Creek	155-N			Luisian/Mohnian	Lindvall		
27675	Monterey	Sycamore Flat	9154		Sand Creek	155-N			Mohnian	Ayres & L		
27676	Monterey	Sycamore Flat	9155		Basin Creek	155-N			Luisian	Ayres & L		
27677	Monterey	Sycamore Flat	9176		Little Sand Creek	169-D			Luisian	Ayres		
27678	Monterey	Sycamore Flat	9177		Tash Creek	169-D		rubber casts	Upper Miocene	Ayres		
27679	Monterey	Sycamore Flat	9178		Tash Creek	169-D		rubber casts	Upper Miocene	Ayres		
27680	Monterey	Sycamore Flat	9179		Tash Creek	169-D		rubber casts	Luisian	Ayres		
27681	Monterey	Sycamore Flat	11720		SE of The Basin	95-J	Soledad 15'		Lower Mohnian	Ayres		
27682	Monterey	Sycamore Flat	11721		SE of The Basin	95-J	Soledad 15'	rubber casts	Lower Mohnian	Ayres		
27683	Monterey	Sycamore Flat	11723		SE of The Basin	95-J	Soledad 15'	sa #11832	Luisian	Ayres		
27684	Monterey	Sycamore Flat	11725		not on map	79-K	Soledad 15'		Lower Relizian	Ayres		
27685	Monterey	Sycamore Flat	11726		SE of The Basin	169-C	Soledad 15'	rubber casts	Lower Mohnian	Kistler		
27686	Monterey	Sycamore Flat	11727		SE of The Basin	169-C	Soledad 15'		Mohnian	Kistler		
27687	Monterey	Sycamore Flat	11728		SE of The Basin	169-C	Soledad 15'		Mohnian	Kistler		
27688	Monterey	Sycamore Flat	11729		SE of The Basin	169-C	Soledad 15'		Mohnian	Kistler		
27689	Monterey	Sycamore Flat	11730		SE of The Basin	169-C	Soledad 15'	rubber casts	Mohnian	Ayres		
27690	Monterey	Sycamore Flat	11733		E of Paloma Ck Sc	169-C	Soledad 15'	rubber casts	Lower Mohnian	Ayres		
27691	Monterey	Sycamore Flat	11734		E of Paloma Ck Sc	169-C	Soledad 15'	rubber casts	Lower Mohnian	Ayres		
27692	Monterey	Sycamore Flat	11735		E of Paloma Ck Sc	169-C	Soledad 15'	rubber casts	prob Mohnian	Ayres		
27693	Monterey	Sycamore Flat	11834		SE part of quad	95-J	Soledad 15'	rubber casts	Mohnian	Kistler &		
27694	Monterey	Sycamore Flat	11835		SE part of quad	95-J		rubber casts	Mohnian	Kistler &		
27695	Monterey	Sycamore Flat	11836		EC part of quad	95-J		rubber casts	Mohnian	Kistler &		
27696	Monterey	Sycamore Flat	11837		EC part of quad	95-J			Lower Mohnian	Kistler &		
27697	Monterey	Sycamore Flat	11838		EC part of quad	95-J		rubber casts	Lower Mohnian	Kistler &		
27698	Monterey	Sycamore Flat	11839		EC part of quad	95-J		rubber casts	Lower Mohnian	Kistler &		
27699	Monterey	Sycamore Flat	11840		EC part of quad	95-J		rubber casts	Lower Mohnian	Kistler &		
27700	Monterey	Sycamore Flat	11841		EC part of quad	95-J		rubber casts	Mohnian	Kistler &		
27701	Monterey	Sycamore Flat	11843		EC part of quad	95-J		rubber casts	Mohnian	Kistler &		
27702	Monterey	Sycamore Flat	11849		EC part of quad	95-J		rubber casts	Mohnian	Kistler &		
27703	Monterey	Sycamore Flat	11850		EC part of quad	95-J		rubber casts	Mohnian	Kistler &		
27704	Monterey	Sycamore Flat	11851		EC part of quad	95-K			Mohnian	Kistler &		
27705	Monterey	Sycamore Flat	11852		EC part of quad	95-K			Luisian	Kistler &		
27706	Monterey	Sycamore Flat	11853		EC part of quad	95-K			Mohnian	Kistler &		
27707	Monterey	Sycamore Flat	11854		EC part of quad	95-K		rubber casts	? Mohnian	Kistler &		

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
27708	Monterey	Sycamore Flat	11855		EC part of quad	95-K		rubber casts	? Mohnian	Kistler &		
27709	Monterey	Sycamore Flat	11856		EC part of quad	95-K		rubber casts	Mohnian	Kistler &		
27710	Monterey	Sycamore Flat	11857		EC part of quad	95-K		rubber casts	Upper Mohnian	Kistler &		
27711	Monterey	Sycamore Flat	11859		EC part of quad	95-K		rubber casts	Mohnian	Kistler &		
27712	Monterey	Sycamore Flat	11860		EC part of quad	95-K		rubber casts	Mohnian	Kistler &		
27713	Monterey	Sycamore Flat	11863		EC part of quad	95-K			Lower Mohnian	Kistler &		
27714	Monterey	Sycamore Flat	11864		EC part of quad	95-K		rubber casts	Mohnian	Kistler &		
27715	Monterey	Sycamore Flat?	9153		not on map	155-N			Middle Miocene	Ayres & L		
27716	Santa Barbara	Tajiguas	102	1	NE part of quad	131-M		see loc #74	Saucesian			
27717	Santa Barbara	Tajiguas	102	2	NE part of quad	131-M		strat column	Saucesian			
27718	Santa Barbara	Tajiguas	102	3	NE part of quad	131-M		strat column	Saucesian			
27719	Santa Barbara	Tajiguas	7152		Refugio Beach SP	65-J	old Refugio Ranch		no paleo info			
27720	Santa Barbara	Tajiguas	30480	1	West of Capitan	118-I			no paleo info			
27721	Santa Barbara	Tajiguas	30480	2	West of Capitan	118-I			no paleo info			
27722	Santa Barbara	Tajiguas	30493	1	East of Capitan	118-H	Have strat column		Saucesian			
27723	Santa Barbara	Tajiguas	30493	3	East of Capitan	118-H			Saucesian			
27724	Santa Barbara	Tajiguas	30493	5	East of Capitan	118-H			Saucesian			
27725	Santa Barbara	Tajiguas	30493	6	East of Capitan	118-I			Saucesian			
27726	Santa Barbara	Tajiguas	30493	8	East of Capitan	118-I			Relizian			
27727	Santa Barbara	Tajiguas	30493	9	East of Capitan	118-I			Luisian			
27728	Santa Barbara	Tajiguas	30493	10	East of Capitan	118-I			Lower Mohnian			
27729	Santa Barbara	Tajiguas	30493	12	East of Capitan	118-I			Lower Mohnian			
27730	Santa Barbara	Tajiguas	30493	14	East of Capitan	118-I			Middle Mohnian			
27731	Santa Barbara	Tajiguas	30493	15	East of Capitan	118-I			Middle Mohnian			
27732	Santa Barbara	Tajiguas	30493	16	East of Capitan	118-I			Middle Mohnian			
27733	Santa Barbara	Tajiguas	30493	20	East of Capitan	118-I			Middle Mohnian			
27734	Santa Barbara	Tajiguas	30493	22	East of Capitan	118-I			barren			
27735	Santa Barbara	Tajiguas	34996	1	At Capitan	126-B			no paleo info			
27736	Santa Barbara	Tajiguas	34996	2	At Capitan	126-B			no paleo info			
27737	San Luis Obispo	Tar Springs Ridge	13	89	Dry Cyn Huasna	68-A	Nipomo 15'		no paleo info			
27738	San Luis Obispo	Tar Springs Ridge	13	90	Dry Cyn Huasna	68-A	Nipomo 15'		no paleo info			
27739	San Luis Obispo	Tar Springs Ridge	13	91	Dry Cyn Huasna	68-A	Nipomo 15'		no paleo info			
27740	San Luis Obispo	Tar Springs Ridge	13	92	Dry Cyn Huasna	68-A	Nipomo 15'		no paleo info			
27741	San Luis Obispo	Tar Springs Ridge	13	93	Dry Cyn Huasna	68-A	Nipomo 15'		no paleo info			
27742	San Luis Obispo	Tar Springs Ridge	13	94	Dry Cyn Huasna	68-A	Nipomo 15'		no paleo info			
27743	San Luis Obispo	Tar Springs Ridge	13	95	Dry Cyn Huasna	68-A	Nipomo 15'		no paleo info			
27744	San Luis Obispo	Tar Springs Ridge	13	96	Dry Cyn Huasna	68-A	Nipomo 15'		no paleo info			
27745	San Luis Obispo	Tar Springs Ridge	1146	N8	NW part of quad	69-A	Nipomo 15'		Lower Relizian	Newbill		
27746	San Luis Obispo	Tar Springs Ridge	1147	N9	NW part of quad	69-A	Nipomo 15'		Luisian/Relizian	Newbill		
27747	San Luis Obispo	Tar Springs Ridge	1147	N11	NW part of quad	69-A	Nipomo 15'		Probably Relizian	Newbill		
27748	San Luis Obispo	Tar Springs Ridge	1149		NW part of quad	69-A	Nipomo 15'		Luisian/Relizian	Newbill		
27749	San Luis Obispo	Tar Springs Ridge	1610		NW part of quad	69-A	Nipomo 15'		no paleo info	Newbill		
27750	San Luis Obispo	Tar Springs Ridge	1625		NW part of quad	69-A	Nipomo 15'		Luisian?	Newbill		
27751	San Luis Obispo	Tar Springs Ridge	1626		NW part of quad	69-A	Nipomo 15'		Miocene	Newbill		
27752	San Luis Obispo	Tar Springs Ridge	1627		Near Big Baldy	69-A	Nipomo 15'		not diagnostic	Newbill		
27753	San Luis Obispo	Tar Springs Ridge	1628		Near Big Baldy	69-B	Nipomo 15'		Middle Miocene	Newbill		
27754	San Luis Obispo	Tar Springs Ridge	1629		Near Big Baldy	69-B	Nipomo 15'		Middle Miocene	Newbill		
27755	San Luis Obispo	Tar Springs Ridge	1630		Near Big Baldy	69-B	Nipomo 15'		Middle Miocene	Newbill		
27756	San Luis Obispo	Tar Springs Ridge	1631		Near Big Baldy	69-B	Nipomo 15'		Luisian	Newbill		
27757	Santa Barbara	Tar Springs Ridge	1644		SC part of quad	69-B	Nipomo 15'		Lower Relizian	Newbill		
27758	Santa Barbara	Tar Springs Ridge	1645		SC part of quad	69-B	Nipomo 15'		barren	Newbill		
27759	San Luis Obispo	Tar Springs Ridge	1681		SC part of quad	69-B	Nipomo 15'		Prob U Mohnian	Newbill		
27760	San Luis Obispo	Tar Springs Ridge	1687		WC part of quad	69-B	Nipomo 15'		Relizian/Saucesian	Newbill		
27761	San Luis Obispo	Tar Springs Ridge	1688		WC part of quad	69-B	Nipomo 15'		Mohnian	Newbill		
27762	San Luis Obispo	Tar Springs Ridge	1689		WC part of quad	69-B	Nipomo 15'		not diagnostic	Newbill		
27763	San Luis Obispo	Tar Springs Ridge	1690		WC part of quad	69-B	Nipomo 15'		no paleo info	Newbill		
27764	San Luis Obispo	Tar Springs Ridge	1695		WC part of quad	69-B	Nipomo 15'		no paleo info	Newbill		
27765	San Luis Obispo	Tar Springs Ridge	1881		SC part of quad	69-D	Nipomo 15'		Upper Mohnian	Newbill		
27766	San Luis Obispo	Tar Springs Ridge	1883		SC part of quad	69-D	Nipomo 15'	has #1991 also	Upper Mohnian	Newbill		
27767	San Luis Obispo	Tar Springs Ridge	1901		Porter Ranch area	69-D	Nipomo 15'		Upper Miocene	Newbill		
27768	San Luis Obispo	Tar Springs Ridge	1916		WC part of quad	69-E	Nipomo 15'		barren	Newbill		
27769	San Luis Obispo	Tar Springs Ridge	1917		WC part of quad	69-E	Nipomo 15'		Upper Miocene	Newbill		
27770	San Luis Obispo	Tar Springs Ridge	1918		WC part of quad	69-E	Nipomo 15'		Lower Luisian	Newbill		
27771	San Luis Obispo	Tar Springs Ridge	1919		WC part of quad	69-E	Nipomo 15'		barren	Newbill		
27772	San Luis Obispo	Tar Springs Ridge	1927		SE part of quad	69-E	Nipomo 15'		Luisian	Newbill		
27773	San Luis Obispo	Tar Springs Ridge	1930		SW part of quad	69-K	Nipomo 15'		Miocene?	Newbill		
27774	San Luis Obispo	Tar Springs Ridge	1931		SW part of quad	69-K	Nipomo 15'		Middle Miocene	Newbill		
27775	San Luis Obispo	Tar Springs Ridge	1932		SW part of quad	69-K	Nipomo 15'		Zemorrian	Newbill		
27776	San Luis Obispo	Tar Springs Ridge	1938		SC part of quad	69-E	Nipomo 15'		Upper Miocene	Newbill		
27777	Santa Barbara	Tar Springs Ridge	1961		EC part of quad	69-D	Nipomo 15'		Upper Miocene	Newbill		
27778	San Luis Obispo	Tar Springs Ridge	1979		WC part of quad	69-E	Nipomo 15'		Luisian	Newbill		
27779	San Luis Obispo	Tar Springs Ridge	1980		WC part of quad	69-E	Nipomo 15'		Luisian	Newbill		
27780	San Luis Obispo	Tar Springs Ridge	1981		WC part of quad	69-E	Nipomo 15'		barren	Newbill		
27781	San Luis Obispo	Tar Springs Ridge	1985		WC part of quad	69-F	Nipomo 15'		M or U Miocene	Newbill		
27782	San Luis Obispo	Tar Springs Ridge	1988		SW part of quad	69-F	Nipomo 15'		not diagnostic	Newbill		
27783	San Luis Obispo	Tar Springs Ridge	1989		SW part of quad	69-F	Nipomo 15'		Mohnian?	Newbill		
27784	San Luis Obispo	Tar Springs Ridge	1991		SE part of quad	69-F	Nipomo 15'		Upper Miocene	Newbill		
27785	San Luis Obispo	Tar Springs Ridge	1994		WC part of quad	69-F	Nipomo 15'		Mohnian?	Newbill		
27786	San Luis Obispo	Tar Springs Ridge	1997		not found	69-F	Nipomo 15'		no paleo info	Newbill		
27787	San Luis Obispo	Tar Springs Ridge	3928		NE corner of quad	163-I	Nipomo 15'		no paleo info			
27788	San Luis Obispo	Tar Springs Ridge	3929		NE corner of quad	163-I	Nipomo 15'		no paleo info			
27789	San Luis Obispo	Tar Springs Ridge	3930		NE corner of quad	163-I	Nipomo 15'		no paleo info			
27790	San Luis Obispo	Tar Springs Ridge	3931		NE corner of quad	163-I	Nipomo 15'		no paleo info			
27791	San Luis Obispo	Tar Springs Ridge	3932		NE corner of quad	163-I	Nipomo 15'		no paleo info			
27792	San Luis Obispo	Tar Springs Ridge	11009		SW part of quad	79-H	Nipomo 15'	area N	Relizian	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		
27793	San Luis Obispo	Tar Springs Ridge	11010		SW part of quad	79-H	Nipomo 15'	area N	barren	Kraetsch		
27794	San Luis Obispo	Tar Springs Ridge	11011		SW part of quad	79-H	Nipomo 15'	area N	Luisian	Kraetsch		
27795	San Luis Obispo	Tar Springs Ridge	11012		SW part of quad	79-H	Nipomo 15'		Lower Miocene	Kraetsch		
27796	San Luis Obispo	Tar Springs Ridge	11014		SW part of quad	79-H	Nipomo 15'		Middle Miocene	Kraetsch		
27797	San Luis Obispo	Tar Springs Ridge	11015		Carneros Canyon	249-B	not on map CMCK		no paleo info	RBV-WE		
27798	Santa Barbara	Tar Springs Ridge	11034		WC part of quad	79-H	Nipomo 15'		not diagnostic	Kraetsch		
27799	Contra Costa	Tassajara	882		not on map	B-2	4/1S/2E (SLP)	age from slide	Cretaceous	Solari		
27800	Contra Costa	Tassajara	883		not on map	B-2	4/1S/2E (SLP)	age from slide	Cretaceous	Solari		
27801	Contra Costa	Tassajara	902		not on map	B-2	5/1S/2E (SLP)	age from slide	Cretaceous	Solari		
27802	Contra Costa	Tassajara	903		not on map	B-2	8/1S/2E (SLP)	age from slide	Cretaceous	Solari		
27803	Contra Costa	Tassajara	904		not on map	B-2	8/1S/2E (SLP)	age from slide	Cretaceous	Solari		
27804	Contra Costa	Tassajara	985		not on map	B-3	6/1S/2E (SLP)	age from slide	no paleo info			
27805	Contra Costa	Tassajara	986		not on map	B-3	5/1S/2E (SLP)	age from slide	no paleo info			
27806	Contra Costa	Tassajara	987		not on map	B-3	5/1S/2E (SLP)	age from slide	Cretaceous	Solari		
27807	Contra Costa	Tassajara	989		not on map	B-8	5/1S/2E (SLP)	age from slide	Cretaceous	Solari		
27808	Contra Costa	Tassajara	21374	572	NE corner of quad	208-E			U Cret F zone	Colburn		
27809	Contra Costa	Tassajara	21399	41	center of quad	208-E			Paleocene/Eocene	Colburn		
27810	Contra Costa	Tassajara	21400	201	NW part of quad	208-E			U Cret E/G zones	Colburn		
27811	Contra Costa	Tassajara	21406	841	NW part of quad	208-E			Upper Cretaceous	Colburn		
27812	Contra Costa	Tassajara	21462	8A	NE corner quad	226-E	Mt Diablo auger		U Cret F-1 zone	Brenna		
27813	Contra Costa	Tassajara	21462	8B	NE corner quad	226-E	Mt Diablo auger		U Cret F-1 zone	Brenna		
27814	Contra Costa	Tassajara	21462	8C	NE corner quad	226-E	Mt Diablo auger		U Cret F-1 zone	Brenna		
27815	Contra Costa	Tassajara	21462	8.5	NE corner quad	226-E	Mt Diablo auger		U Cret F-1 zone	Brenna		
27816	Contra Costa	Tassajara	21462	9A	NE corner quad	226-E	Mt Diablo auger		not diagnostic	Brenna		
27817	Contra Costa	Tassajara	21462	9B	NE corner quad	226-E	Mt Diablo auger		not diagnostic	Brenna		
27818	Contra Costa	Tassajara	21463	1A	NE corner quad	226-G	Mt Diablo auger		U Cret G-2 zone	Brenna		
27819	Contra Costa	Tassajara	21463	1B	NE corner quad	226-G	Mt Diablo auger		U Cret G-2 zone	Brenna		
27820	Contra Costa	Tassajara	21463	1C	NE corner quad	226-G	Mt Diablo auger		U Cret G-2 zone	Brenna		
27821	Contra Costa	Tassajara	21463	2A	NE corner quad	226-G	Mt Diablo auger		U Cret G-2 zone	Brenna		
27822	Contra Costa	Tassajara	21463	2B	NE corner quad	226-G	Mt Diablo auger		U Cret G-2 zone	Brenna		
27823	Contra Costa	Tassajara	21463	2C	NE corner quad	226-G	Mt Diablo auger		U Cret G-2 zone	Brenna		
27824	Contra Costa	Tassajara	21463	3A	NE corner quad	226-G	Mt Diablo auger		U Cret G-2 zone	Brenna		
27825	Contra Costa	Tassajara	21463	3B	NE corner quad	226-G	Mt Diablo auger		U Cret G-2 zone	Brenna		
27826	Contra Costa	Tassajara	21463	4A	NE corner quad	226-G	Mt Diablo auger		U Cret G-2 zone	Brenna		
27827	Contra Costa	Tassajara	21463	4B	NE corner quad	226-G	Mt Diablo auger		U Cret G-2 zone	Brenna		
27828	Contra Costa	Tassajara	21463	5A	NE corner quad	226-G	Mt Diablo auger		U Cret G-2 zone	Brenna		
27829	Contra Costa	Tassajara	21463	5B	NE corner quad	226-G	Mt Diablo auger		U Cret G-2 zone	Brenna		
27830	Contra Costa	Tassajara	21463	6A	NE corner quad	226-G	Mt Diablo auger		U Cret G-2 zone	Brenna		
27831	Contra Costa	Tassajara	21463	6B	NE corner quad	226-G	Mt Diablo auger		U Cret G-2 zone	Brenna		
27832	Contra Costa	Tassajara	21463	7A	NE corner quad	226-G	Mt Diablo auger		U Cret G-1 zone	Brenna		
27833	Contra Costa	Tassajara	21463	7B	NE corner quad	226-G	Mt Diablo auger		U Cret G-1 zone	Brenna		
27834	Contra Costa	Tassajara	21463	8	NE corner quad	226-G	Mt Diablo auger		U Cret G-1 zone	Brenna		
27835	Contra Costa	Tassajara	21463	9A	NE corner quad	226-G	Mt Diablo auger		Upper Cretaceous			
27836	Contra Costa	Tassajara	21463	9B	NE corner quad	226-G	Mt Diablo auger		Upper Cretaceous	Brenna		
27837	Contra Costa	Tassajara	21463	9C	NE corner quad	226-G	Mt Diablo auger		Upper Cretaceous	Brenna		
27838	Contra Costa	Tassajara	21463	10A	NE corner quad	226-G	Mt Diablo auger		U Cret F-2 zone	Brenna		
27839	Contra Costa	Tassajara	21463	10B	NE corner quad	226-G	Mt Diablo auger		U Cret F-2 zone	Brenna		
27840	Contra Costa	Tassajara	21463	11A	NE corner quad	226-G	Mt Diablo auger		U Cret F-2 zone	Brenna		
27841	Contra Costa	Tassajara	21463	11B	NE corner quad	226-G	Mt Diablo auger		U Cret F-2 zone	Brenna		
27842	Contra Costa	Tassajara	21463	12A	NE corner quad	226-G	Mt Diablo auger		U Cret F-2 zone	Brenna		
27843	Contra Costa	Tassajara	21463	12B	NE corner quad	226-G	Mt Diablo auger		U Cret F-2 zone	Brenna		
27844	Contra Costa	Tassajara	21463	12C	NE corner quad	226-G	Mt Diablo auger		U Cret F-2 zone	Brenna		
27845	Contra Costa	Tassajara	21463	13	NE corner quad	226-G	Mt Diablo auger		U Cret F-2 zone	Brenna		
27846	Contra Costa	Tassajara	21463	14	NE corner quad	226-G	Mt Diablo auger		U Cret F-2 zone	Brenna		
27847	Contra Costa	Tassajara	21465	8	Marsh Creek Road	226-G	Mt Diablo auger		not diagnostic	Brenna		
27848	Contra Costa	Tassajara	21465	9	Marsh Creek Road	226-G	Mt Diablo auger		not diagnostic	Brenna		
27849	Contra Costa	Tassajara	21465	10	Marsh Creek Road	226-G	Mt Diablo auger		not diagnostic	Brenna		
27850	Contra Costa	Tassajara	21465	11	Marsh Creek Road	226-G	Mt Diablo auger		not diagnostic	Brenna		
27851	Contra Costa	Tassajara	21465	12	Marsh Creek Road	226-G	Mt Diablo auger		not diagnostic	Brenna		
27852	Contra Costa	Tassajara	21465	13	Marsh Creek Road	226-G	Mt Diablo auger		not diagnostic	Brenna		
27853	Contra Costa	Tassajara	21465	14	Marsh Creek Road	226-H	Mt Diablo auger		U Cret I zone	Brenna		
27854	Contra Costa	Tassajara	21465	15	Marsh Creek Road	226-H	Mt Diablo auger		U Cret I zone	Brenna		
27855	Contra Costa	Tassajara	21465	20	Marsh Creek Road	226-H	Mt Diablo auger		not diagnostic	Brenna		
27856	Contra Costa	Tassajara	21465	21	Marsh Creek Road	226-H	Mt Diablo auger		not diagnostic	Brenna		
27857	Contra Costa	Tassajara	21465	22	Marsh Creek Road	226-H	Mt Diablo auger		not diagnostic	Brenna		
27858	Contra Costa	Tassajara	21465	23	Marsh Creek Road	226-H	Mt Diablo auger		not diagnostic	Brenna		
27859	Contra Costa	Tassajara	21465	24	Marsh Creek Road	226-H	Mt Diablo auger		not diagnostic	Brenna		
27860	Contra Costa	Tassajara	21465	25	Marsh Creek Road	226-H	Mt Diablo auger		not diagnostic	Brenna		
27861	Contra Costa	Tassajara	21465	26	Marsh Creek Road	226-H	Mt Diablo auger		not diagnostic	Brenna		
27862	Contra Costa	Tassajara	21465	27	Marsh Creek Road	226-H	Mt Diablo auger		not diagnostic	Brenna		
27863	Contra Costa	Tassajara	21465	28	Marsh Creek Road	226-H	Mt Diablo auger		not diagnostic	Brenna		
27864	Contra Costa	Tassajara	21465	29	Marsh Creek Road	226-H	Mt Diablo auger		prob U Cret H zone	Brenna		
27865	Contra Costa	Tassajara	21465	30	Marsh Creek Road	226-H	Mt Diablo auger		not diagnostic	Brenna		
27866	Contra Costa	Tassajara	21466	3A	Curry Canyon	226-H	Mt Diablo auger		L Cret J-1 zone	Brenna		
27867	Contra Costa	Tassajara	21466	3B	Curry Canyon	226-H	Mt Diablo auger		L Cret J-1 zone	Brenna		
27868	Alameda	Tassajara	21596		EC part of quad	226-E			U Cret H zone	Colburn		
27869	Alameda	Tassajara	21597		EC part of quad	226-E			not diagnostic	Colburn		
27870	San Luis Obispo	Taylor Canyon	338	1	NE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
27871	San Luis Obispo	Taylor Canyon	338	3	NE part of quad	80-A	Caliente Mtn 15'			Paap		
27872	San Luis Obispo	Taylor Canyon	338	4	NE part of quad	80-A	Caliente Mtn 15'		Saucesian	Paap		
27873	San Luis Obispo	Taylor Canyon	338	7	NE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
27874	San Luis Obispo	Taylor Canyon	338	20	NE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
27875	San Luis Obispo	Taylor Canyon	338	21	NE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
27876	San Luis Obispo	Taylor Canyon	338	A	NE part of quad	80-A	Caliente Mtn 15'		L Miocene	Paap		
27877	San Luis Obispo	Taylor Canyon	338	23	NE part of quad	80-A	Caliente Mtn 15'		not diagnostic	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	ZONE/SERIES/AG	COLLECTORS		
27878	San Luis Obispo	Taylor Canyon	338	24	NE part of quad	80-A	Caliente Mtn 15'		not diagnostic	Paap		
27879	San Luis Obispo	Taylor Canyon	338	33	NE part of quad	80-A	Caliente Mtn 15'		not diagnostic	Paap		
27880	San Luis Obispo	Taylor Canyon	338	34	NE part of quad	80-A	Caliente Mtn 15'		M Miocene	Paap		
27881	San Luis Obispo	Taylor Canyon	338	35	NE part of quad	80-A	Caliente Mtn 15'		not diagnostic	Paap		
27882	San Luis Obispo	Taylor Canyon	338	36	NE part of quad	80-A	Caliente Mtn 15'		not diagnostic	Paap		
27883	San Luis Obispo	Taylor Canyon	338	37	NE part of quad	80-A	Caliente Mtn 15'		not diagnostic	Paap		
27884	San Luis Obispo	Taylor Canyon	338	38	NE part of quad	80-A	Caliente Mtn 15'		not diagnostic	Paap		
27885	San Luis Obispo	Taylor Canyon	407	3	EC part of quad	88-F	Caliente Mtn 15'		no paleo data	Bainton &		
27886	San Luis Obispo	Taylor Canyon	407	10	EC part of quad	88-F	Caliente Mtn 15'		no paleo data	Bainton &		
27887	San Luis Obispo	Taylor Canyon	1501		EC part of quad	22-G	Caliente Mtn 15'	age from map	Mohnian?	McMichael		
27888	San Luis Obispo	Taylor Canyon	2009		NW part of quad	73-K	Caliente Mtn 15'	age from map	Luisian	Parker		
27889	San Luis Obispo	Taylor Canyon	2010		NW part of quad	73-K	Caliente Mtn 15'	age from map	Middle Miocene	Parker		
27890	San Luis Obispo	Taylor Canyon	2014		NE corner of quad	73-K	Caliente Mtn 15'	age from map	Middle Miocene	Parker		
27891	San Luis Obispo	Taylor Canyon	2677		NC part of quad	89-M	Caliente Mtn 15'		no paleo info	Papp		
27892	Humboldt	Taylor Peak	18995		NE part of quad	244-C	Scotia 15'		not diagnostic			
27893	Humboldt	Taylor Peak	18996	3A	NE part of quad	244-C	Scotia 15'		Middle Miocene			
27894	Humboldt	Taylor Peak	18996	3B	NE part of quad	244-C	Scotia 15'		not diagnostic			
27895	Humboldt	Taylor Peak	22375	2	Howe Creek	239-N	Scotia 15'		Delmontian			
27896	Humboldt	Taylor Peak	22375	3	Howe Creek	239-N	Scotia 15'		Delmontian			
27897	Humboldt	Taylor Peak	22375	4	Howe Creek	239-N	Scotia 15'		Miocene/Pliocene			
27898	Humboldt	Taylor Peak	22375	5	Howe Creek	239-N	Scotia 15'		Miocene/Pliocene			
27899	Humboldt	Taylor Peak	22375	6	Howe Creek	239-N	Scotia 15'		not diagnostic			
27900	Humboldt	Taylor Peak	22375	7	Howe Creek	239-N	Scotia 15'		Miocene/Pliocene			
27901	Humboldt	Taylor Peak	22375	8	Howe Creek	239-N	Scotia 15'	foram flood	Lower Pliocene			
27902	Humboldt	Taylor Peak	22595	1	NE part of quad	240-C	Scotia 15'		Lower Pliocene			
27903	Humboldt	Taylor Peak	22595	3	NE part of quad	240-C	Scotia 15'		Saucesian/Relizian			
27904	Humboldt	Taylor Peak	22595	3A	NE part of quad	240-C	Scotia 15'		Saucesian/Relizian			
27905	Humboldt	Taylor Peak	22595	4	NE part of quad	240-C	Scotia 15'		not diagnostic			
27906	Humboldt	Taylor Peak	22595	5	NE part of quad	240-C	Scotia 15'		Middle Miocene			
27907	Humboldt	Taylor Peak	22595	11	NE part of quad	240-C	Scotia 15'		not diagnostic			
27908	Humboldt	Taylor Peak	22656	2	Howe Creek	242-F	Scotia 15'	planktics com	Lower Pliocene			
27909	Kern	Tejon Hills	11613		NE part of quad	79-J		Obispo tuff	Zemorrian	Kraetsch		
27910	Kern	Tejon Hills	11614		NE part of quad	79-J		Obispo tuff	Zemorrian	Kraetsch		
27911	Kern	Tejon Hills	23715	1	Comanche Creek	220-A			Upper Mohnian			
27912	San Luis Obispo	Templeton	1442		SW part of quad	82-D	Paso Robles 15'		Upper Luisian	Higgins		
27913	San Luis Obispo	Templeton	1443		not found	82-D	Paso Robles 15'		not diagnostic	Higgins		
27914	San Luis Obispo	Templeton	2035		In Templeton	69-F	Paso Robles 15'		Saucesian/Relizian	Newbill		
27915	San Luis Obispo	Templeton	2035	RS	In Templeton	69-F	Paso Robles 15'		Luisian/Relizian	Newbill		
27916	San Luis Obispo	Templeton	2045		SW part of quad	69-G	Paso Robles 15'		Lower Relizian	Newbill		
27917	San Luis Obispo	Templeton	2046		SW part of quad	69-G			Relizian	Newbill		
27918	San Luis Obispo	Templeton	2047		SW part of quad	69-G			Luisian	Newbill		
27919	San Luis Obispo	Templeton	2354		SE of Templeton	96-F	Paso Robles 15'		Luisian	Tarbe		
27920	San Luis Obispo	Templeton	7241		Peachy Cyn Road	86-M			Luisian	Ortalda		
27921	San Luis Obispo	Templeton	7242		Peachy Cyn Road	86-M			Relizian	Ortalda		
27922	San Luis Obispo	Templeton	7243		Peachy Cyn Road	86-M			? Middle Miocene	Ortalda		
27923	San Luis Obispo	Templeton	7245		Peachy Cyn Road	86-M			not diagnostic	Ortalda		
27924	San Luis Obispo	Templeton	7261		Near Templeton	117-N			Luisian	Ortalda		
27925	San Luis Obispo	Templeton	7262		Near Templeton	117-N		reworked?	Middle Miocene	Ortalda		
27926	San Luis Obispo	Templeton	8945		NW of Atascadero	140-N		rubber casts	Lower Mohnian	Salveson		
27927	San Luis Obispo	Templeton	8946		NW of Atascadero	140-N		rubber casts	Upper Miocene	Salveson		
27928	San Luis Obispo	Templeton	11306		W of Templeton	159-N			Luisian			
27929	San Luis Obispo	Templeton	11312		S of Templeton	159-N			prob M Miocene			
27930	San Luis Obispo	Templeton	11320		W of Paso Robles	160-N			Luisian	Kistler		
27931	San Luis Obispo	Templeton	11451		EC part of quad	155-N			Middle Miocene			
27932	San Luis Obispo	Templeton	11481		SW of Templeton	79-J	Paso Robles 15'		Luisian	Kistler		
27933	San Luis Obispo	Templeton	11482		S of Templeton	79-J	Paso Robles 15'		Middle Miocene	Kistler		
27934	San Luis Obispo	Templeton	11483		S of Templeton	79-J	Paso Robles 15'		Luisian	Kistler		
27935	San Luis Obispo	Templeton	23575		N of Atascadero	175-F	Paso Robles 15'		nonmarine?	Elliott		
27936	San Luis Obispo	Templeton	23576		N of Atascadero	175-F	Paso Robles 15'		Lower Mohnian	Elliott		
27937	San Luis Obispo	Templeton	23579		NE of Atascadero	175-G	Paso Robles 15'		Middle Miocene	Elliott		
27938	San Luis Obispo	Templeton	23581		E of Atascadero	175-G	Paso Robles 15'		not diagnostic	Elliott		
27939	Kings	Tent Hills	2898		Stoke Canyon	111-B			Lower Eocene	Gealey &		
27940	Kings	Tent Hills	5207		Stoker Canyon	I-6			Upper Cretaceous	Marsh		
27941	Kings	Tent Hills	5208		Stoker Canyon	I-6			Upper Cretaceous	Marsh		
27942	Kings	Tent Hills	11005		Lovel Canyon	146-C		picked slide	U Cret G-1 zone	Tamesis		
27943	Kings	Tent Hills	13214		center of quad	75-E			poss U Cretaceous	Stanford		
27944	Kings	Tent Hills	13215		center of quad	75-E			Upper Cretaceous	Stanford		
27945	Kings	Tent Hills	13216		center of quad	75-E			poss U Cretaceous	Stanford		
27946	Kings	Tent Hills	13217		not found	75-E	DWD 23-14		prob U Cretaceous	Stanford		
27947	Kings	Tent Hills	13219		Stoke Canyon	75-E			Eocene A/C zone	Stanford		
27948	Kings	Tent Hills	13225		Avenal Canyon	75-E			Upper Cretaceous	Stanford		
27949	Kings	Tent Hills	13226		Avenal Canyon	75-E			U Cret E zone	Stanford		
27950	Kings	Tent Hills	13227		EC part of quad	75-E		abun rads	Cretaceous	Stanford		
27951	Kings	Tent Hills	13228		NC part of quad	75-E			poss U Cretaceous	Stanford		
27952	Kings	Tent Hills	13229		EC part of quad	75-E			Upper Cretaceous	Stanford		
27953	Kings	Tent Hills	13230		Avenal Canyon	75-E			U Cret F-1 zone	Stanford		
27954	Kings	Tent Hills	13231		Lovel Canyon	75-E			Upper Cretaceous	Stanford		
27955	Kings	Tent Hills	13232		not found	75-E			Middle Eocene	Stanford		
27956	Kings	Tent Hills	13236		not found	75-E			poss U Cretaceous	Stanford		
27957	Kings	Tent Hills	13238		Stoker Canyon	75-E			U Cret F/G zones	Stanford		
27958	Kings	Tent Hills	13240		Lovel Canyon	75-E			Cretaceous	Stanford		
27959	Kings	Tent Hills	13241		Johnson Peak	75-E			prob U Cretaceous	Stanford		
27960	Kings	Tent Hills	13242		Lovel Canyon	75-E			U Cret F/G zones	Stanford		
27961	Kings	Tent Hills	13243		Lovel Canyon	75-E			Upper Cretaceous	Stanford		
27962	Kings	Tent Hills	13832		SE part of quad	207-F			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/AG	COLLECTORS			
27963	Kings	Tent Hills	13834	1	Avenal Canyon	207-F			no paleo info	Lewis		
27964	Kings	Tent Hills	13834	2	Avenal Canyon	207-F			no paleo info	Lewis		
27965	Kings	Tent Hills	13834	3	Avenal Canyon	207-F			no paleo info	Lewis		
27966	Kings	Tent Hills	13835	1	Avenal Canyon	207-F			no paleo info	Lewis		
27967	Kings	Tent Hills	13835	3	Avenal Canyon	207-F			no paleo info	Lewis		
27968	Kings	Tent Hills	13835	4	Avenal Canyon	207-F			no paleo info	Lewis		
27969	Kings	Tent Hills	13836		Avenal Canyon	207-F			no paleo info	Lewis		
27970	Kings	Tent Hills	13837	1	Iron Spring Ranch	207-F			no paleo info	Lewis		
27971	Kings	Tent Hills	13837	2	Iron Spring Ranch	207-F			no paleo info	Lewis		
27972	Kings	Tent Hills	13837	3	Iron Spring Ranch	207-F			no paleo info	Lewis		
27973	Kings	Tent Hills	13837	4	Iron Spring Ranch	207-F			no paleo info	Lewis		
27974	Kings	Tent Hills	13838		Iron Spring Ranch	207-F			no paleo info	Lewis		
27975	Kings	Tent Hills	13840		Avenal Canyon	207-F			no paleo info	Lewis		
27976	Kings	Tent Hills	13841		Avenal Canyon	207-F			no paleo info	Lewis		
27977	Santa Barbara	Tepsuquet Canyon	1749		NC part of quad	69-B	Tepsequet Pk 15'		not diagnostic	Newbill		
27978	Santa Barbara	Tepsuquet Canyon	1807		NC part of quad	69-C	Tepsequet Peak 15'		Upper Saucesian	ETR		
27979	Santa Barbara	Tepsuquet Canyon	3869		WC part of quad	164-J	Tepsequet Pk 15'		prob Saucesian	Kraetsch		
27980	Santa Barbara	Tepsuquet Canyon	3870		WC part of quad	164-J	Tepsequet Pk 15'		not diagnostic	Kraetsch		
27981	Santa Barbara	Tepsuquet Canyon	3874		WC part of quad	164-J	Tepsequet Pk 15'		L or M Miocene	Kraetsch		
27982	Santa Barbara	Tepsuquet Canyon	3875		Tepsequet Creek	164-J	Tepsequet Pk 15'		Saucesian	Kraetsch		
27983	Santa Barbara	Tepsuquet Canyon	3903		not found	164-J	Tepsequet Pk 15'		Cretaceous			
27984	Santa Barbara	Tepsuquet Canyon	3905		NC part of quad	164-J	Tepsequet Pk 15'		not diagnostic			
27985	Santa Barbara	Tepsuquet Canyon	3907		NC part of quad	164-J	Tepsequet Pk 15'		Middle Miocene			
27986	Santa Barbara	Tepsuquet Canyon	3917		NW corner quad	69-J	Tepsequet Pk 15'		Zemorian	Kraetsch &		
27987	Santa Barbara	Tepsuquet Canyon	3918		NW corner quad	69-J	Tepsequet Pk 15'		Zemorian	Kraetsch &		
27988	Santa Barbara	Tepsuquet Canyon	3919		NW corner quad	69-J	Tepsequet Pk 15'		Zemorian	Kraetsch &		
27989	Santa Barbara	Tepsuquet Canyon	3920		NW corner quad	69-J	Tepsequet Pk 15'		Zemorian	Kraetsch &		
27990	Santa Barbara	Tepsuquet Canyon	5141		Adams Ranch area	64-H			Lower Zemorian	Blaisdell		
27991	Santa Barbara	Tepsuquet Canyon	5142		Adams Ranch area	64-H			Lower Zemorian	Blaisdell		
27992	Santa Barbara	Tepsuquet Canyon	5145		Rattlesnake Cyn	64-H	sa # 6350	fish scales	Middle Miocene			
27993	Santa Barbara	Tepsuquet Canyon	6101		NC part of quad	64-H			no paleo info			
27994	Santa Barbara	Tepsuquet Canyon	7170		Tepsequet Cyn	63-E	Tepsequet Pk 15'		Upper Miocene			
27995	Santa Barbara	Tepsuquet Canyon	7174	RW	Tepsequet Cyn	63-E	Tepsequet Pk 15'		poss Mohnian			
27996	Santa Barbara	Tepsuquet Canyon	7178		Tepsequet Cyn	63-E	Tepsequet Pk 15'		poss Mohnian			
27997	Fresno	The Dark Hole	1111	1	Arroyo Pinoso	161-G			Upper Cretaceous			
27998	Fresno	The Dark Hole	1111	1B	Arroyo Pinoso	161-G			Upper Cretaceous			
27999	Fresno	The Dark Hole	1111	3	Arroyo Pinoso	161-G			M Eocene A-2 zone			
28000	Fresno	The Dark Hole	1111	7	Arroyo Pinoso	161-G			Delmontian?			
28001	Fresno	The Dark Hole	1111	8B	Arroyo Pinoso	161-G			Pliocene			
28002	Fresno	The Dark Hole	1111	9A	Arroyo Pinoso	161-G			Probably Pliocene			
28003	Fresno	The Dark Hole	1111	11A	Arroyo Pinoso	161-G			Pliocene			
28004	Fresno	The Dark Hole	1111	12B	Arroyo Pinoso	161-G			Pliocene			
28005	Fresno	The Dark Hole	13856	1	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
28006	Fresno	The Dark Hole	13856	2	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
28007	Fresno	The Dark Hole	13856	3	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
28008	Fresno	The Dark Hole	13856	4	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
28009	Fresno	The Dark Hole	13856	5	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
28010	Fresno	The Dark Hole	13856	6	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
28011	Fresno	The Dark Hole	13856	7	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
28012	Fresno	The Dark Hole	13856	8	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
28013	Fresno	The Dark Hole	13856	9	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
28014	Fresno	The Dark Hole	13856	10	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
28015	Fresno	The Dark Hole	13856	11	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
28016	Fresno	The Dark Hole	13856	12	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
28017	Fresno	The Dark Hole	13856	13	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
28018	Fresno	The Dark Hole	13856	14	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
28019	Fresno	The Dark Hole	13856	15	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
28020	Fresno	The Dark Hole	13856	16	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
28021	Fresno	The Dark Hole	13856	17	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
28022	Fresno	The Dark Hole	13856	18	Pinoso Arroyo	101-G		age from lab	U Cret G/H zones	Burr & Zeni		
28023	Fresno	The Dark Hole	13856	19	Pinoso Arroyo	101-G		age from lab	L Cret J-1 zone	Burr & Zeni		
28024	Fresno	The Dark Hole	13856	20	Pinoso Arroyo	101-G		age from lab	not diagnostic	Burr & Zeni		
28025	Fresno	The Dark Hole	13857	1	Reese Canyon	101-G			no paleo info	Lewis &		
28026	Fresno	The Dark Hole	13857	2	Reese Canyon	101-G		age from map	U Cret G-1 zone	Lewis &		
28027	Fresno	The Dark Hole	13859	1	Canoas Creek	71-A		age from lab	not diagnostic	Lewis &		
28028	Fresno	The Dark Hole	13859	2	Canoas Creek	71-A		age from lab	not diagnostic	Lewis &		
28029	Fresno	The Dark Hole	13859	4	Canoas Creek	71-A		age from lab	not diagnostic	Lewis &		
28030	Fresno	The Dark Hole	13859	5	Canoas Creek	71-A		age from lab	not diagnostic	Lewis &		
28031	Fresno	The Dark Hole	13859	6	Canoas Creek	71-A		age from lab	not diagnostic	Lewis &		
28032	Fresno	The Dark Hole	13859	7	Canoas Creek	71-A		age from lab	not diagnostic	Lewis &		
28033	Fresno	The Dark Hole	13859	8	Canoas Creek	71-A		age from lab	not diagnostic	Lewis &		
28034	Fresno	The Dark Hole	13859	9	Canoas Creek	71-A		age from lab	not diagnostic	Lewis &		
28035	Fresno	The Dark Hole	13859	10	Canoas Creek	71-A		age from lab	not diagnostic	Lewis &		
28036	Fresno	The Dark Hole	13859	11	Canoas Creek	71-A		age from lab	not diagnostic	Lewis &		
28037	Fresno	The Dark Hole	13859	13	Canoas Creek	71-A		age from lab	U Cret H zone	Lewis &		
28038	Fresno	The Dark Hole	13859	14	Canoas Creek	71-A			no paleo info	Lewis &		
28039	Fresno	The Dark Hole	13859	15	Canoas Creek	71-A			no paleo info	Lewis &		
28040	Fresno	The Dark Hole	13859	16	Canoas Creek	71-A		age from map	U Cret H zone	Lewis &		
28041	Fresno	The Dark Hole	13859	17	Canoas Creek	71-A			no paleo info	Lewis &		
28042	Fresno	The Dark Hole	13859	18	Canoas Creek	71-A			no paleo info	Lewis &		
28043	Fresno	The Dark Hole	13859	19	Canoas Creek	71-A			no paleo info	Lewis &		
28044	Fresno	The Dark Hole	13859	20	Canoas Creek	71-A			no paleo info	Lewis &		
28045	Riverside	Thermal Canyon	3733		Thermal Canyon	41-M	Coachella 15'		no paleo info			
28046	Monterey	Thompson Canyon	7146		SW part of quad	24-G			Mohnian	Ortalda		
28047	Monterey	Thompson Canyon	7147		SW part of quad	24-G			Upper Miocene	Ortalda		

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		
28048	Monterey	Thompson Canyon	7155		SW part of quad	46-C	King City 15'		Middle Miocene	Ortalda		
28049	Monterey	Thompson Canyon	7156		SW part of quad	46-C	King City 15'		Luisian	Ortalda		
28050	Monterey	Thompson Canyon	7158		SW part of quad	46-C	King City 15'		Middle Miocene	Ortalda		
28051	Monterey	Thompson Canyon	7181		NC part of quad	117-L	Pine Canyon		not diagnostic	Ortalda		
28052	Monterey	Thompson Canyon	11760	A	Thompson Cyn	74-D			no paleo info			
28053	Monterey	Thompson Canyon	23223	C	Pine Canyon	252-B		abun planktics	Saucesian	Gregory		
28054	Monterey	Thompson Canyon	23223	D	Pine Canyon	252-B			? Lower Mohnian	Gregory		
28055	Monterey	Thompson Canyon	23227	A	Thompson Canyon	252-C			not diagnostic	Gregory		
28056	Monterey	Thompson Canyon	23227	B	Thompson Canyon	252-C			not diagnostic	Gregory		
28057	Monterey	Thompson Canyon	23227	C	Thompson Canyon	252-C			Upper Mohnian	Gregory		
28058	Monterey	Thompson Canyon	23227	F	Thompson Canyon	252-C			not diagnostic	Gregory		
28059	Monterey	Thompson Canyon	23227	G	Thompson Canyon	252-C			Luisian	Gregory		
28060	Monterey	Thompson Canyon	23227	H	Thompson Canyon	252-C			Luisian	Gregory		
28061	Monterey	Thompson Canyon	23227	I	Thompson Canyon	252-C			Middle Miocene	Gregory		
28062	Monterey	Thompson Canyon	23227	J	Thompson Canyon	252-C			Saucesian	Gregory		
28063	Monterey	Thompson Canyon	23227	L	Thompson Canyon	252-C			not diagnostic	Gregory		
28064	Ventura	Thousand Oaks	6	2	Bus Canyon	5-L			Cretaceous			
28065	Ventura	Thousand Oaks	6	3	Bus Canyon	5-L			Cretaceous			
28066	Ventura	Thousand Oaks	6	4	Bus Canyon	5-L			Cretaceous			
28067	Ventura	Thousand Oaks	6	9	Bus Canyon	5-L	strat column		Eocene			
28068	Ventura	Thousand Oaks	6	10	Bus Canyon	5-L			Eocene			
28069	Ventura	Thousand Oaks	6	11	Bus Canyon	5-L			Eocene			
28070	Ventura	Thousand Oaks	6	12	Bus Canyon	5-L			Eocene			
28071	Ventura	Thousand Oaks	6	13	Bus Canyon	5-L			Eocene			
28072	Ventura	Thousand Oaks	6	14	Bus Canyon	5-L			Eocene			
28073	Ventura	Thousand Oaks	6	15	Bus Canyon	5-L			Eocene			
28074	Ventura	Thousand Oaks	6	16	Bus Canyon	5-L			Eocene			
28075	Ventura	Thousand Oaks	6	17	Bus Canyon	5-L			Eocene			
28076	Ventura	Thousand Oaks	6	19	Bus Canyon	5-L			Eocene			
28077	Ventura	Thousand Oaks	6	20	Bus Canyon	5-L			Eocene			
28078	Ventura	Thousand Oaks	6	21	Bus Canyon	5-L			Eocene			
28079	Ventura	Thousand Oaks	6	22	Bus Canyon	5-L			Eocene			
28080	Ventura	Thousand Oaks	6	23	Bus Canyon	5-L			Eocene			
28081	Ventura	Thousand Oaks	6	24	Bus Canyon	5-L			Eocene			
28082	Ventura	Thousand Oaks	6	25	Bus Canyon	5-L			Eocene			
28083	Ventura	Thousand Oaks	6	26	Bus Canyon	5-L			Eocene			
28084	Ventura	Thousand Oaks	6	27	Bus Canyon	5-L			Eocene			
28085	Ventura	Thousand Oaks	6	28	Bus Canyon	5-L			Eocene			
28086	Ventura	Thousand Oaks	6	29	Bus Canyon	5-L			Eocene			
28087	Ventura	Thousand Oaks	6	30	Bus Canyon	5-L			Eocene			
28088	Ventura	Thousand Oaks	6	31	Bus Canyon	5-L			Eocene			
28089	Ventura	Thousand Oaks	6	32	Bus Canyon	5-L			Eocene			
28090	Ventura	Thousand Oaks	6	33	Bus Canyon	5-L			Eocene			
28091	Ventura	Thousand Oaks	6	34	Bus Canyon	5-L			Eocene			
28092	Ventura	Thousand Oaks	6	35	Bus Canyon	5-L			Eocene			
28093	Ventura	Thousand Oaks	6	36	Bus Canyon	5-L			Eocene			
28094	Ventura	Thousand Oaks	6	37	Bus Canyon	5-L			Eocene			
28095	Ventura	Thousand Oaks	6	38	Bus Canyon	5-L			Eocene			
28096	Ventura	Thousand Oaks	6	39	Bus Canyon	5-L			Eocene			
28097	Ventura	Thousand Oaks	6	40	Bus Canyon	5-L			Eocene			
28098	Ventura	Thousand Oaks	6	41	Bus Canyon	5-L			Eocene			
28099	Ventura	Thousand Oaks	6	42	Bus Canyon	5-L			Eocene			
28100	Ventura	Thousand Oaks	6	43	Bus Canyon	5-L			Eocene			
28101	Ventura	Thousand Oaks	6	44	Bus Canyon	5-L			Eocene			
28102	Ventura	Thousand Oaks	6	45	Bus Canyon	5-L			Eocene			
28103	Ventura	Thousand Oaks	6	46	Bus Canyon	5-L			Eocene			
28104	Ventura	Thousand Oaks	6	47	Bus Canyon	5-L			Eocene			
28105	Ventura	Thousand Oaks	6	48	Bus Canyon	5-L			Eocene			
28106	Ventura	Thousand Oaks	6	49	Bus Canyon	5-L			Eocene			
28107	Ventura	Thousand Oaks	6	50	Bus Canyon	5-L			Eocene			
28108	Ventura	Thousand Oaks	6	51	Bus Canyon	5-L			Eocene			
28109	Ventura	Thousand Oaks	6	52	Bus Canyon	5-L			Eocene			
28110	Ventura	Thousand Oaks	6	53	Bus Canyon	5-L			Eocene			
28111	Ventura	Thousand Oaks	6	54	Bus Canyon	5-L			Eocene			
28112	Ventura	Thousand Oaks	6	55	Bus Canyon	5-L			Eocene			
28113	Ventura	Thousand Oaks	6	56	Bus Canyon	5-L			Eocene			
28114	Ventura	Thousand Oaks	6	57	Bus Canyon	5-L			Eocene			
28115	Ventura	Thousand Oaks	6	58	Bus Canyon	5-L			Eocene			
28116	Ventura	Thousand Oaks	6	59	Bus Canyon	5-L			Eocene			
28117	Ventura	Thousand Oaks	6	60	Bus Canyon	5-L			Eocene			
28118	Ventura	Thousand Oaks	6	61	Bus Canyon	5-M			Eocene			
28119	Ventura	Thousand Oaks	6	62	Bus Canyon	5-M			Eocene			
28120	Ventura	Thousand Oaks	6	63	Bus Canyon	5-M			Eocene			
28121	Ventura	Thousand Oaks	6	64	Bus Canyon	5-M			Eocene			
28122	Ventura	Thousand Oaks	6	65	Bus Canyon	5-M			Eocene			
28123	Ventura	Thousand Oaks	6	66	Bus Canyon	5-M			Eocene			
28124	Ventura	Thousand Oaks	6	67	Bus Canyon	5-M			Eocene			
28125	Ventura	Thousand Oaks	6	68	Bus Canyon	5-M			Eocene			
28126	Ventura	Thousand Oaks	6	69	Bus Canyon	5-M			Eocene			
28127	Ventura	Thousand Oaks	6	70	Bus Canyon	5-M			Eocene			
28128	Ventura	Thousand Oaks	6	71	Bus Canyon	5-M			Eocene			
28129	Ventura	Thousand Oaks	6	72	Bus Canyon	5-M			Eocene			
28130	Ventura	Thousand Oaks	6	73	Bus Canyon	5-M			Eocene			
28131	Ventura	Thousand Oaks	6	74	Bus Canyon	5-M			Eocene			
28132	Ventura	Thousand Oaks	6	75	Bus Canyon	5-M			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		
28133	Ventura	Thousand Oaks	6	76	Bus Canyon	5-M			Eocene			
28134	Ventura	Thousand Oaks	6	77	Bus Canyon	5-M			Eocene			
28135	Ventura	Thousand Oaks	6	78	Bus Canyon	5-M			Eocene			
28136	Ventura	Thousand Oaks	6	79	Bus Canyon	5-M			Eocene			
28137	Ventura	Thousand Oaks	6	81	Bus Canyon	5-M			Eocene			
28138	Ventura	Thousand Oaks	6	82	Bus Canyon	5-M			Eocene			
28139	Ventura	Thousand Oaks	6	83	Bus Canyon	5-M			Eocene			
28140	Ventura	Thousand Oaks	6	84	Bus Canyon	5-M			Eocene			
28141	Ventura	Thousand Oaks	6	85	Bus Canyon	5-M			Eocene			
28142	Ventura	Thousand Oaks	6	86	Bus Canyon	5-M			Eocene			
28143	Ventura	Thousand Oaks	6	87	Bus Canyon	5-M			Eocene			
28144	Ventura	Thousand Oaks	6	88	Bus Canyon	5-M			Eocene			
28145	Ventura	Thousand Oaks	6	89	Bus Canyon	5-M			Eocene			
28146	Ventura	Thousand Oaks	6	90	Bus Canyon	5-M			Eocene			
28147	Ventura	Thousand Oaks	6	91	Bus Canyon	5-M			Eocene			
28148	Ventura	Thousand Oaks	6	92	Bus Canyon	5-M			Eocene			
28149	Ventura	Thousand Oaks	6	93	Bus Canyon	5-M			Eocene			
28150	Ventura	Thousand Oaks	6	94	Bus Canyon	5-M			Eocene			
28151	Ventura	Thousand Oaks	6	95	Bus Canyon	5-M			Eocene			
28152	Ventura	Thousand Oaks	6	96	Bus Canyon	5-M			Eocene			
28153	Ventura	Thousand Oaks	6	97	Bus Canyon	5-M			Eocene			
28154	Ventura	Thousand Oaks	6	98	Bus Canyon	5-M			Eocene			
28155	Ventura	Thousand Oaks	6	99	Bus Canyon	5-M			Eocene			
28156	Ventura	Thousand Oaks	6	100	Bus Canyon	5-M			Eocene			
28157	Ventura	Thousand Oaks	6	101	Bus Canyon	5-M			Eocene			
28158	Ventura	Thousand Oaks	6	102	Bus Canyon	5-M			Eocene			
28159	Ventura	Thousand Oaks	6	103	Bus Canyon	5-M			Eocene			
28160	Ventura	Thousand Oaks	6	104	Bus Canyon	5-M			Eocene			
28161	Ventura	Thousand Oaks	6	105	Bus Canyon	5-M			Eocene			
28162	Ventura	Thousand Oaks	6	106	Bus Canyon	5-M			Eocene			
28163	Ventura	Thousand Oaks	6	107	Bus Canyon	5-M			Eocene			
28164	Ventura	Thousand Oaks	6	108	Bus Canyon	5-M			Eocene			
28165	Ventura	Thousand Oaks	6	109	Bus Canyon	5-M			Eocene			
28166	Ventura	Thousand Oaks	6	110	Bus Canyon	5-M			Eocene			
28167	Ventura	Thousand Oaks	6	111	Bus Canyon	5-M			Eocene			
28168	Ventura	Thousand Oaks	6	112	Bus Canyon	5-M			Eocene			
28169	Ventura	Thousand Oaks	6	113	Bus Canyon	5-M			Eocene			
28170	Ventura	Thousand Oaks	6	114	Bus Canyon	5-M			Eocene			
28171	Ventura	Thousand Oaks	6	115	Bus Canyon	5-N			Eocene			
28172	Ventura	Thousand Oaks	6	116	Bus Canyon	5-N			Eocene			
28173	Ventura	Thousand Oaks	6	117	Bus Canyon	5-N			Eocene			
28174	Ventura	Thousand Oaks	6	118	Bus Canyon	5-N			Eocene			
28175	Ventura	Thousand Oaks	6	119	Bus Canyon	5-N			Eocene			
28176	Ventura	Thousand Oaks	6	120	Bus Canyon	5-N			Eocene			
28177	Ventura	Thousand Oaks	6	121	Bus Canyon	5-N			Eocene			
28178	Ventura	Thousand Oaks	6	122	Bus Canyon	5-N			Eocene			
28179	Ventura	Thousand Oaks	6	123	Bus Canyon	5-N			Eocene			
28180	Ventura	Thousand Oaks	6	124	Bus Canyon	5-N			Eocene			
28181	Ventura	Thousand Oaks	6	125	Bus Canyon	5-N			Eocene			
28182	Ventura	Thousand Oaks	6	126	Bus Canyon	5-N			Eocene			
28183	Ventura	Thousand Oaks	365	2	Greenwich Village	48-H			Miocene			
28184	Ventura	Thousand Oaks	365	3	Greenwich Village	48-H			Miocene			
28185	Ventura	Thousand Oaks	365	4	Greenwich Village	48-H			Miocene			
28186	Ventura	Thousand Oaks	365	7	Greenwich Village	48-H			Miocene			
28187	Ventura	Thousand Oaks	365	B2	Greenwich Village	48-H			no paleo data			
28188	Los Angeles	Thousand Oaks	4631		Lindero area	56-L			no paleo info			
28189	Los Angeles	Thousand Oaks	5445		SE part of quad	40-N-1			no paleo info			
28190	Ventura	Thousand Oaks	5560		WC part of quad	48-G			no paleo info			
28191	Ventura	Thousand Oaks	5560		WC part of quad	48-G			no paleo info			
28192	Ventura	Thousand Oaks	5560	A	WC part of quad	48-G			no paleo info			
28193	Ventura	Thousand Oaks	5561	A	SC part of quad	48-G			no paleo info			
28194	Ventura	Thousand Oaks	5562	A	WC part of quad	48-G			no paleo info			
28195	Ventura	Thousand Oaks	5562		WC part of quad	48-G			no paleo info			
28196	Los Angeles	Thousand Oaks	5959		WC part of quad	45-N			no paleo info			
28197	Ventura	Thousand Oaks	6307		NC part of quad	55-B			no paleo info			
28198	Ventura	Thousand Oaks	6369	B	NC part of quad	54-H	Simi Hills		Eocene			
28199	Ventura	Thousand Oaks	6383		Bus Canyon	54-H			Eocene			
28200	Ventura	Thousand Oaks	6384		Bus Canyon	54-H			Eocene			
28201	Ventura	Thousand Oaks	6385		Bus Canyon	54-H			Eocene			
28202	Ventura	Thousand Oaks	9259	1	S of Lang Ranch	80-B			Luisian			
28203	Ventura	Thousand Oaks	9259	2	S of Lang Ranch	80-B			Luisian			
28204	Monterey	Tierra Redonda Mtn	1401		center of quad	82-D	Bradley 15'		Luisian	Clark & T		
28205	Monterey	Tierra Redonda Mtn	7249		S Antonio Riv Rd	86-M			not diagnostic			
28206	Monterey	Tierra Redonda Mtn	7250		S Antonio Riv Rd	86-M		abun planktics	Relizian	Ortalda		
28207	Monterey	Tierra Redonda Mtn	7251		S Antonio Riv Rd	86-M			not diagnostic	Ortalda		
28208	Monterey	Tierra Redonda Mtn	7252		SE of Pleyto	86-M			Relizian	Ortalda		
28209	Monterey	Tierra Redonda Mtn	7253		SE of Pleyto	86-M		planktics	Relizian	Ortalda		
28210	Monterey	Tierra Redonda Mtn	7254		Bee Rock area	86-M			not diagnostic	Ortalda		
28211	Monterey	Tierra Redonda Mtn	7255		NE of Bee Rock	86-M			not diagnostic	Ortalda		
28212	Monterey	Tierra Redonda Mtn	7965		S of Bee Rock	219-L			no paleo info			
28213	San Luis Obispo	Tierra Redonda Mtn	7966	B	S of Bee Rock	219-L	area F-1	have NP list	no paleo info			
28214	San Luis Obispo	Tierra Redonda Mtn	7967	A	Bee Rock	219-L			no paleo info			
28215	San Luis Obispo	Tierra Redonda Mtn	7967	B	Bee Rock	219-L			no paleo info			
28216	Monterey	Tierra Redonda Mtn	8953		San Antonio River	141-N			M Miocene	Lindvall		
28217	Monterey	Tierra Redonda Mtn	8954		San Antonio River	141-N			Relizian	Lindvall		

	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		
28218	Monterey	Tierra Redonda Mtn	8954		San Antonio River	141-N	pebbles		Relizian	Lindvall		
28219	Monterey	Tierra Redonda Mtn	8955		San Antonio River	141-N			Relizian	Lindvall		
28220	Monterey	Tierra Redonda Mtn	8956		San Antonio River	141-N			M Miocene	Lindvall		
28221	Monterey	Tierra Redonda Mtn	8957		San Antonio River	141-N			Relizian	Lindvall		
28222	San Luis Obispo	Tierra Redonda Mtn	20702	A1	Bee Rock	219-M			no paleo info			
28223	San Luis Obispo	Tierra Redonda Mtn	20702	A2	Bee Rock	219-M			no paleo info			
28224	San Luis Obispo	Tierra Redonda Mtn	20702	A3	Bee Rock	219-M			no paleo info			
28225	San Luis Obispo	Tierra Redonda Mtn	20702	B	Bee Rock	219-M			no paleo info			
28226	San Luis Obispo	Tierra Redonda Mtn	20702	C	Bee Rock	219-M			no paleo info			
28227	Monterey	Tierra Redonda Mtn	20703	A	Bee Rock	219-M			no paleo info			
28228	Monterey	Tierra Redonda Mtn	20703	B	Bee Rock	219-M		age from map	Relizian			
28229	Monterey	Tierra Redonda Mtn	20703	C	Bee Rock	219-M			Relizian			
28230	Humboldt	Tierra Redonda Mtn	20704		SE of Pleyto	219-M			Relizian			
28231	Monterey	Tierra Redonda Mtn	20705	A	SE of Pleyto	219-M			not diagnostic			
28232	Monterey	Tierra Redonda Mtn	20705	B	SE of Pleyto	219-M			Luisian			
28233	Monterey	Tierra Redonda Mtn	20706		SE of Pleyto	219-M			Luisian			
28234	Monterey	Tierra Redonda Mtn	20707	A	SE of Pleyto	219-M			Relizian			
28235	Monterey	Tierra Redonda Mtn	20707	B	SE of Pleyto	219-M			Relizian			
28236	Monterey	Tierra Redonda Mtn	20708		SE of Pleyto	219-M			Relizian			
28237	Monterey	Tierra Redonda Mtn	20709	A	SE of Pleyto	219-M			Relizian			
28238	Monterey	Tierra Redonda Mtn	20709	B	SE of Pleyto	219-M			Relizian			
28239	Monterey	Tierra Redonda Mtn	20710	A	SE of Pleyto	219-M			? Relizian			
28240	Monterey	Tierra Redonda Mtn	20710	B	SE of Pleyto	219-M			? Relizian			
28241	Monterey	Tierra Redonda Mtn	20711		SE of Pleyto	219-M			? Relizian			
28242	Monterey	Tierra Redonda Mtn	20712	A	SE of Pleyto	219-M			Relizian			
28243	Monterey	Tierra Redonda Mtn	20712	B	SE of Pleyto	219-M			Relizian			
28244	Monterey	Tierra Redonda Mtn	20713	A	SE of Pleyto	219-M			Relizian			
28245	Monterey	Tierra Redonda Mtn	20713	B	SE of Pleyto	219-M			Relizian			
28246	Monterey	Tierra Redonda Mtn	20714	A	SE of Pleyto	219-M			Relizian			
28247	San Luis Obispo	Tierra Redonda Mtn	20714	B	SE of Pleyto	219-M			Relizian			
28248	Monterey	Tierra Redonda Mtn	20715		SE of Pleyto	219-M			? Upper Mohnian			
28249	Monterey	Tierra Redonda Mtn	20716		Sulphur Canyon	219-M			Relizian			
28250	Monterey	Tierra Redonda Mtn	23203	A	SE corner of quad	252-A		age from map	? Lower Miocene	Gregory		
28251	Monterey	Tierra Redonda Mtn	23203	B	SE corner of quad	252-A		age from map	? Lower Miocene	Gregory		
28252	Monterey	Tierra Redonda Mtn	23204	A	SE corner of quad	252-A			no paleo info	Gregory		
28253	Monterey	Tierra Redonda Mtn	23204	B	SE corner of quad	252-A			no paleo info	Gregory		
28254	Monterey	Tierra Redonda Mtn	23209	A	S of Pleyto	252-A	area F-1		Relizian	Gregory		
28255	Monterey	Tierra Redonda Mtn	23209	B	S of Pleyto	252-A			Relizian	Gregory		
28256	Monterey	Tierra Redonda Mtn	23209	C	S of Pleyto	252-A			Lower Relizian	Gregory		
28257	Monterey	Tierra Redonda Mtn	23209	D	S of Pleyto	252-B			Lower Relizian	Gregory		
28258	Monterey	Tierra Redonda Mtn	23210	B	S of Pleyto	252-B			Relizian	Gregory		
28259	Monterey	Tierra Redonda Mtn	23210	C	S of Pleyto	252-B			not diagnostic	Gregory		
28260	Monterey	Tierra Redonda Mtn	23210	D	S of Pleyto	252-B		abun planktics	Lower Relizian	Gregory		
28261	Monterey	Tierra Redonda Mtn	23210	E	S of Pleyto	252-B			Lower Relizian	Gregory		
28262	Monterey	Tierra Redonda Mtn	23210	F	S of Pleyto	252-B			Lower Relizian	Gregory		
28263	Monterey	Tierra Redonda Mtn	23210	G	S of Pleyto	252-B		abun planktics	Relizian	Gregory		
28264	Monterey	Tierra Redonda Mtn	23211	B	SE of Pleyto	252-B			not diagnostic	Gregory		
28265	Monterey	Tierra Redonda Mtn	23211	C	SE of Pleyto	252-B			Lower Relizian	Gregory		
28266	Monterey	Tierra Redonda Mtn	23211	G	E of Pleyto	252-B			? Upper Miocene	Gregory		
28267	Monterey	Tierra Redonda Mtn	23211	H	E of Pleyto	252-B			not diagnostic	Gregory		
28268	San Luis Obispo	Tierra Redonda Mtn	23215	A	NE of Bee Rock	252-B			barren	Gregory		
28269	San Luis Obispo	Tierra Redonda Mtn	23215	C	NE of Bee Rock	252-B		planktics com	not diagnostic	Gregory		
28270	Monterey	Tierra Redonda Mtn	23216		center of quad	252-B			not diagnostic	Gregory		
28271	Monterey	Tierra Redonda Mtn	23217	A	NC part of quad	252-B	age from K chart	planktics com	Luisian	Gregory		
28272	Monterey	Tierra Redonda Mtn	23217	B	NC part of quad	252-B		abun planktics	Middle Miocene	Gregory		
28273	Monterey	Tierra Redonda Mtn	23217	C	NC part of quad	252-B		planktics com	Luisian	Gregory		
28274	Monterey	Tierra Redonda Mtn	23217	D	NC part of quad	252-B		planktics com	Luisian	Gregory		
28275	Monterey	Tierra Redonda Mtn	23217	E	NC part of quad	252-B		abun planktics	Luisian	Gregory		
28276	San Luis Obispo	Tierra Redonda Mtn	23260	A	SE corner of quad	252-D		age from map	Saucesian	Gregory		
28277	San Luis Obispo	Tierra Redonda Mtn	23260	B	SE corner of quad	252-D		age from map	Saucesian	Gregory		
28278	San Luis Obispo	Tierra Redonda Mtn	23260	C	SE corner of quad	252-D		age from map	Saucesian	Gregory		
28279	San Luis Obispo	Tierra Redonda Mtn	23260	D	SE corner of quad	252-D		age from map	Saucesian	Gregory		
28280	San Luis Obispo	Tierra Redonda Mtn	23260	E	SE corner of quad	252-D		age from map	Saucesian	Gregory		
28281	San Luis Obispo	Tierra Redonda Mtn	23260	F	SE corner of quad	252-D		age from map	Saucesian	Gregory		
28282	San Luis Obispo	Tierra Redonda Mtn	23260	G	SE corner of quad	252-D		age from map	Lower Relizian	Gregory		
28283	San Luis Obispo	Tierra Redonda Mtn	23260	H	SE corner of quad	252-D		age from map	Lower Relizian	Gregory		
28284	San Luis Obispo	Tierra Redonda Mtn	23261		SE corner of quad	252-D		age from map	Lower Relizian	Gregory		
28285	Monterey	Tierra Redonda Mtn	23262	A	S of Pleyto	252-D		age from map	Saucesian	Gregory		
28286	Monterey	Tierra Redonda Mtn	23262	B	S of Pleyto	252-D		age from map	Saucesian	Gregory		
28287	Monterey	Tierra Redonda Mtn	23262	C	S of Pleyto	252-E		age from map	Saucesian	Gregory		
28288	Monterey	Tierra Redonda Mtn	23263	C	S of Pleyto	252-E		age from map	not diagnostic	Gregory		
28289	San Luis Obispo	Tierra Redonda Mtn	23265	A	W of Bee Rock	252-E		age from map	not diagnostic	Gregory		
28290	San Luis Obispo	Tierra Redonda Mtn	23282	A	Sulphur Canyon	252-E		age from map	not diagnostic	Gregory		
28291	San Luis Obispo	Tierra Redonda Mtn	23282	B	Sulphur Canyon	252-E		age from map	Middle Miocene	Gregory		
28292	San Luis Obispo	Tierra Redonda Mtn	23283		SE of Bee Rock	252-E		age from map	Saucesian	Gregory		
28293	San Luis Obispo	Tierra Redonda Mtn	23285		SE of Pleyto	252-E		age from map	Relizian	Gregory		
28294	San Luis Obispo	Tierra Redonda Mtn	23286		East of Bee Rock	252-E			Relizian	Gregory		
28295	San Luis Obispo	Tierra Redonda Mtn	23286	A	East of Bee Rock	252-F		age from map	Lower Relizian	Gregory		
28296	San Luis Obispo	Tierra Redonda Mtn	23286	A-RW	East of Bee Rock	252-F		age from map	Lower Relizian	Gregory		
28297	San Luis Obispo	Tierra Redonda Mtn	23286	B	East of Bee Rock	252-F		age from map	Lower Relizian	Gregory		
28298	San Luis Obispo	Tierra Redonda Mtn	23286	B-RW	East of Bee Rock	252-F		age from map	Lower Relizian	Gregory		
28299	San Luis Obispo	Tierra Redonda Mtn	23286	C	East of Bee Rock	252-F		age from map	Lower Relizian	Gregory		
28300	San Luis Obispo	Tierra Redonda Mtn	23286	D	East of Bee Rock	252-F		age from map	Lower Relizian	Gregory		
28301	San Luis Obispo	Tierra Redonda Mtn	23286	D-RW	East of Bee Rock	252-F		age from map	Lower Relizian	Gregory		
28302	Monterey	Tierra Redonda Mtn	23287	A	SE of Pleyto	252-F			Relizian	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	ZONE/SERIES/AG	COLLECTORS		
28303	Monterey	Tierra Redonda Mtn	23287	A-RW	SE of Pleyto	252-F			Relizian	Gregory		
28304	Monterey	Tierra Redonda Mtn	23287	B	SE of Pleyto	252-F			Relizian	Gregory		
28305	Monterey	Tierra Redonda Mtn	23287	C	SE of Pleyto	252-F			Relizian	Gregory		
28306	Monterey	Tierra Redondo Mtn	18346		NW part of quad	260-H	Bradley 15'		no paleo info	Thorup		
28307	Monterey	Tierra Redondo Mtn	23378	C	Bee Rock Canyon	252-G			Middle Miocene	Gregory		
28308	Los Angeles	Topanga	330	1	Topanga Canyon	45-N			not diagnostic			
28309	Los Angeles	Topanga	331	12	Pacific Palisades	61-C			no paleo info			
28310	Los Angeles	Topanga	331	14	Pacific Palisades	61-C			no paleo info			
28311	Los Angeles	Topanga	399	"I	Potrero Canyon	61-C			no paleo info			
28312	Los Angeles	Topanga	399	J	Potrero Canyon	61-C			no paleo info			
28313	Los Angeles	Topanga	399	k	Potrero Canyon	61-C			no paleo info			
28314	Los Angeles	Topanga	399	G-6	Potrero Canyon	61-C			no paleo info			
28315	Los Angeles	Topanga	5123		Sullivan Canyon	52-K		mapped Cret	Cretaceous?			
28316	Los Angeles	Topanga	8765		Topanga Beach	77-L			no paleo info			
28317	Los Angeles	Topanga	8767		Topanga Beach	77-L			no paleo info			
28318	Los Angeles	Topanga	8781		Greenleaf Canyon	78-F		info from slide	Lower Mohnian			
28319	Los Angeles	Topanga	9051	1	NW corner quad	79-N			Mohnian			
28320	Los Angeles	Topanga	9051	2	NW corner quad	79-N			Mohnian			
28321	Los Angeles	Topanga	9051	3	NW corner quad	79-N			Mohnian			
28322	Los Angeles	Topanga	9051	5	NW corner quad	79-N			not diagnostic			
28323	Los Angeles	Topanga	9051	7	NW corner quad	79-N			Middle Mohnian			
28324	Los Angeles	Topanga	9051	8	NW corner quad	79-N			Middle Mohnian			
28325	Los Angeles	Topanga	9052	1	NW corner quad	79-N			Mohnian			
28326	Los Angeles	Topanga	9052	2	NW corner quad	79-N			Middle Mohnian			
28327	Los Angeles	Topanga	9249	57B	NW corner quad	80-B			Relizian			
28328	Los Angeles	Topanga	9249	72	NW corner quad	80-B			Relizian			
28329	Los Angeles	Topanga	9249	76	NW corner quad	80-B			Relizian			
28330	Los Angeles	Topanga	9250	1	NW corner quad	80-B			Middle Mohnian			
28331	Los Angeles	Topanga	9253	1	NW corner quad	80-B			Mohnian			
28332	Los Angeles	Topanga	9253	2	NW corner quad	80-B			Mohnian			
28333	Los Angeles	Topanga	9334		Pacific Palisades	155-I	ditto		no paleo info	Hunter		
28334	Los Angeles	Topanga	9335		Pacific Palisades	155-I	ditto		no paleo info	Hunter		
28335	Los Angeles	Topanga	9336		Pacific Palisades	155-I	ditto		no paleo info	Hunter		
28336	Los Angeles	Topanga	9357	1	Santa Ynez Cyn	85-H			not diagnostic	Newton		
28337	Los Angeles	Topanga	9357	7	Santa Ynez Cyn	85-H			Upper Cretaceous	Newton		
28338	Los Angeles	Topanga	9358	1	Trailer Canyon	81-I		NP age	not diagnostic	Newton		
28339	Los Angeles	Topanga	9358	2	Trailer Canyon	81-I			not diagnostic	Newton		
28340	Los Angeles	Topanga	9358	3	Trailer Canyon	81-I			not diagnostic	Newton		
28341	Los Angeles	Topanga	9358	4	Trailer Canyon	81-I			not diagnostic	Newton		
28342	Los Angeles	Topanga	9358	6	Trailer Canyon	81-I			not diagnostic	Newton		
28343	Los Angeles	Topanga	9358	8	Trailer Canyon	81-I			not diagnostic	Newton		
28344	Los Angeles	Topanga	9358	9	Trailer Canyon	81-I			not diagnostic	Newton		
28345	Los Angeles	Topanga	9358	10	Trailer Canyon	81-I			not diagnostic	Newton		
28346	Los Angeles	Topanga	9358	11	Trailer Canyon	81-I			not diagnostic	Newton		
28347	Los Angeles	Topanga	9358	13	Trailer Canyon	81-I			not diagnostic	Newton		
28348	Los Angeles	Topanga	9358	15	Trailer Canyon	81-I		NP age	Upper Paleocene	Newton		
28349	Los Angeles	Topanga	9358	20	Trailer Canyon	81-I			not diagnostic	Newton		
28350	Los Angeles	Topanga	9358	22	Trailer Canyon	81-I			poss Paleocene E	Newton		
28351	Los Angeles	Topanga	9358	23	Trailer Canyon	81-I			not diagnostic	Newton		
28352	Los Angeles	Topanga	9358	25	Trailer Canyon	81-I			not diagnostic	Newton		
28353	Los Angeles	Topanga	9358	26	Trailer Canyon	81-I			not diagnostic	Newton		
28354	Los Angeles	Topanga	9358	27	Trailer Canyon	81-I			not diagnostic	Newton		
28355	Kern	Topatopa Mountains	243	1	Sespe Creek area	26-J			Eocene			
28356	Kern	Topatopa Mountains	243	2	Sespe Creek area	26-J			Eocene			
28357	Kern	Topatopa Mountains	243	3	Sespe Creek area	26-J			Eocene			
28358	Kern	Topatopa Mountains	243	4	Sespe Creek area	26-J			Eocene			
28359	Kern	Topatopa Mountains	243	5	Sespe Creek area	26-J			Eocene			
28360	Kern	Topatopa Mountains	243	6	Sespe Creek area	26-J			Eocene			
28361	Kern	Topatopa Mountains	243	7	Sespe Creek area	26-J			Eocene			
28362	Kern	Topatopa Mountains	243	8	Sespe Creek area	26-J			Eocene			
28363	Kern	Topatopa Mountains	243	9	Sespe Creek area	26-J			Eocene			
28364	Kern	Topatopa Mountains	243	9B	Sespe Creek area	26-J			Eocene			
28365	Kern	Topatopa Mountains	243	10	Sespe Creek area	26-J			Eocene			
28366	Kern	Topatopa Mountains	243	12	Sespe Creek area	26-J			Eocene			
28367	Kern	Topatopa Mountains	243	13	Sespe Creek area	26-J			Eocene			
28368	Kern	Topatopa Mountains	243	14	Sespe Creek area	26-J			Eocene			
28369	Kern	Topatopa Mountains	243	16	Sespe Creek area	26-J			Eocene			
28370	Kern	Topatopa Mountains	243	17	Sespe Creek area	26-J			Eocene			
28371	Kern	Topatopa Mountains	243	20	Sespe Creek area	26-J			Eocene			
28372	Kern	Topatopa Mountains	243	21	Sespe Creek area	26-J			Eocene			
28373	Kern	Topatopa Mountains	243	22	Sespe Creek area	26-J			Eocene			
28374	Kern	Topatopa Mountains	243	25	Sespe Creek area	26-J			Eocene			
28375	Kern	Topatopa Mountains	243	26	Sespe Creek area	26-J			Eocene			
28376	Kern	Topatopa Mountains	243	28	Sespe Creek area	26-J			Eocene			
28377	Kern	Topatopa Mountains	243	29	Sespe Creek area	26-J			Eocene			
28378	Ventura	Topatopa Mountains	243		Sespe Creek area	A-1			assemblage slide			
28379	Ventura	Topatopa Mountains	244	1	Sespe Creek area	54-I			Miocene			
28380	Ventura	Topatopa Mountains	244	2	Sespe Creek area	54-I			Miocene			
28381	Ventura	Topatopa Mountains	244	3	Sespe Creek area	54-I			Miocene			
28382	Ventura	Topatopa Mountains	244	4	Sespe Creek area	54-I			Miocene			
28383	Ventura	Topatopa Mountains	244	5	Sespe Creek area	54-I			Miocene			
28384	Ventura	Topatopa Mountains	244	7	Sespe Creek area	54-I			Miocene			
28385	Ventura	Topatopa Mountains	244	8	Sespe Creek area	54-I			Miocene			
28386	Ventura	Topatopa Mountains	244	9	Sespe Creek area	54-I			Miocene			
28387	Ventura	Topatopa Mountains	244	10	Sespe Creek area	54-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		
28388	Ventura	Topatopa Mountains	244	12	Sespe Creek area	54-I			Miocene			
28389	Ventura	Topatopa Mountains	244	14	Sespe Creek area	54-I			Miocene			
28390	Ventura	Topatopa Mountains	244	15	Sespe Creek area	54-I			Miocene			
28391	Ventura	Topatopa Mountains	244	16	Sespe Creek area	54-I			Miocene			
28392	Ventura	Topatopa Mountains	244	17	Sespe Creek area	54-I			Miocene			
28393	Ventura	Topatopa Mountains	244	18A	Sespe Creek area	54-I			Miocene			
28394	Ventura	Topatopa Mountains	244	18B	Sespe Creek area	54-I			Miocene			
28395	Ventura	Topatopa Mountains	244	18C	Sespe Creek area	54-I			Miocene			
28396	Ventura	Topatopa Mountains	244	18D	Sespe Creek area	54-I			Miocene			
28397	Santa Barbara	Topatopa Mountains	245	1	Sespe Creek area	26-J	Loc 245 also in		no paleo info			
28398	Santa Barbara	Topatopa Mountains	245	2	Sespe Creek area	26-J	Santa Cruz		no paleo info			
28399	Santa Barbara	Topatopa Mountains	245	3	Sespe Creek area	26-J	Island A. Not sure		no paleo info			
28400	Santa Barbara	Topatopa Mountains	245	6	Sespe Creek area	26-J	where these		no paleo info			
28401	Santa Barbara	Topatopa Mountains	245	11	Sespe Creek area	26-J	slides belong		no paleo info			
28402	Santa Barbara	Topatopa Mountains	245	12	Sespe Creek area	26-J			no paleo info			
28403	Santa Barbara	Topatopa Mountains	245	13	Sespe Creek area	26-J			no paleo info			
28404	Santa Barbara	Topatopa Mountains	245	14	Sespe Creek area	26-J			no paleo info			
28405	Santa Barbara	Topatopa Mountains	245	15	Sespe Creek area	26-J			no paleo info			
28406	Santa Barbara	Topatopa Mountains	245	16	Sespe Creek area	26-J			no paleo info			
28407	Santa Barbara	Topatopa Mountains	245	16A	Sespe Creek area	26-J			no paleo info			
28408	Santa Barbara	Topatopa Mountains	245	18	Sespe Creek area	26-J			no paleo info			
28409	Santa Barbara	Topatopa Mountains	245	23	Sespe Creek area	26-J			no paleo info			
28410	Santa Barbara	Topatopa Mountains	245	25	Sespe Creek area	26-J			no paleo info			
28411	Ventura	Topatopa Mountains	1592		Sespe Creek	12-L	Hot Sprs Canyon		no paleo info	Owens et al		
28412	Ventura	Topatopa Mountains	1594		Sespe Creek	12-L	Hot Sprs Canyon		no paleo info	Owens et al		
28413	Ventura	Topatopa Mountains	1596		Sespe Creek	12-L	Hot Sprs Canyon		no paleo info	Owens et al		
28414	Ventura	Topatopa Mountains	1597		Sespe Creek	12-L	Hot Sprs Canyon		no paleo info	Owens et al		
28415	Ventura	Topatopa Mountains	1599		Sespe Creek	12-L	Hot Sprs Canyon		no paleo info	Owens et al		
28416	Ventura	Topatopa Mountains	2278		Sespe Creek	12-L	Hot Sprs Canyon	see slide 1597	no paleo info			
28417	Ventura	Topatopa Mountains	2900		Hot Springs Cyn	12-L			no paleo info	Owens &		
28418	Ventura	Topatopa Mountains	2901		Hot Springs Cyn	12-L			no paleo info			
28419	Ventura	Topatopa Mountains	2902		Hot Springs Cyn	12-L			no paleo info			
28420	San Benito	Topo Valley	80	1	Little Rabbit Vly	D-6			no paleo info			
28421	San Benito	Topo Valley	80	2	Little Rabbit Vly	D-6			no paleo info			
28422	San Benito	Topo Valley	80	3	Little Rabbit Vly	D-6			no paleo info			
28423	Santa Barbara	Tranquillon Mountain	210	1	El Tranquillon	118-G			not diagnostic			
28424	Santa Barbara	Tranquillon Mountain	210	2	El Tranquillon	118-G		age from NP	Upper Cretaceous			
28425	Santa Barbara	Tranquillon Mountain	210	3	El Tranquillon	118-G			not diagnostic			
28426	Santa Barbara	Tranquillon Mountain	210	6	El Tranquillon	118-G			not diagnostic			
28427	Santa Barbara	Tranquillon Mountain	210	7	El Tranquillon	118-G			not diagnostic			
28428	Santa Barbara	Tranquillon Mountain	210	8	El Tranquillon	118-G		age from NP	Upper Cretaceous			
28429	Santa Barbara	Tranquillon Mountain	210	9	El Tranquillon	118-G		age from NP	Upper Cretaceous			
28430	Santa Barbara	Tranquillon Mountain	210	10	El Tranquillon	118-G		age from NP	Upper Cretaceous			
28431	Santa Barbara	Tranquillon Mountain	216	A	Canada Jolloru	29-E	strat column and		Eoc A-1 & Ref?	Bolin		
28432	Santa Barbara	Tranquillon Mountain	216	1	Canada Jolloru	29-E	foram checklist		U Eoc A-2 zone	Bolin		
28433	Santa Barbara	Tranquillon Mountain	216	2	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28434	Santa Barbara	Tranquillon Mountain	216	3	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28435	Santa Barbara	Tranquillon Mountain	216	4	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28436	Santa Barbara	Tranquillon Mountain	216	5	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28437	Santa Barbara	Tranquillon Mountain	216	6	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28438	Santa Barbara	Tranquillon Mountain	216	7	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28439	Santa Barbara	Tranquillon Mountain	216	8	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28440	Santa Barbara	Tranquillon Mountain	216	9	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28441	Santa Barbara	Tranquillon Mountain	216	10	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28442	Santa Barbara	Tranquillon Mountain	216	11	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28443	Santa Barbara	Tranquillon Mountain	216	11A	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28444	Santa Barbara	Tranquillon Mountain	216	13	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28445	Santa Barbara	Tranquillon Mountain	216	14	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28446	Santa Barbara	Tranquillon Mountain	216	15	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28447	Santa Barbara	Tranquillon Mountain	216	16	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28448	Santa Barbara	Tranquillon Mountain	216	17	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28449	Santa Barbara	Tranquillon Mountain	216	18	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28450	Santa Barbara	Tranquillon Mountain	216	19	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28451	Santa Barbara	Tranquillon Mountain	216	20	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28452	Santa Barbara	Tranquillon Mountain	216	21	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28453	Santa Barbara	Tranquillon Mountain	216	22	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28454	Santa Barbara	Tranquillon Mountain	216	22A	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28455	Santa Barbara	Tranquillon Mountain	216	23	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28456	Santa Barbara	Tranquillon Mountain	216	24	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28457	Santa Barbara	Tranquillon Mountain	216	25	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28458	Santa Barbara	Tranquillon Mountain	216	26	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28459	Santa Barbara	Tranquillon Mountain	216	27	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28460	Santa Barbara	Tranquillon Mountain	216	28	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28461	Santa Barbara	Tranquillon Mountain	216	29	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28462	Santa Barbara	Tranquillon Mountain	216	30	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28463	Santa Barbara	Tranquillon Mountain	216	31	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28464	Santa Barbara	Tranquillon Mountain	216	32	Canada Jolloru	29-E			U Eoc A-2 zone	Bolin		
28465	Santa Barbara	Tranquillon Mountain	216	33	Canada Jolloru	29-E			U Eoc A-1 zone	Bolin		
28466	Santa Barbara	Tranquillon Mountain	216	34	Canada Jolloru	29-E			U Eoc A-1 zone	Bolin		
28467	Santa Barbara	Tranquillon Mountain	216	35	Canada Jolloru	29-E			U Eoc A-1 zone	Bolin		
28468	Santa Barbara	Tranquillon Mountain	216	36	Canada Jolloru	29-E			U Eoc A-1 zone	Bolin		
28469	Santa Barbara	Tranquillon Mountain	216	37	Canada Jolloru	29-E			U Eoc A-1 zone	Bolin		
28470	Santa Barbara	Tranquillon Mountain	216	38	Canada Jolloru	29-E			U Eoc A-1 zone	Bolin		
28471	Santa Barbara	Tranquillon Mountain	216	39	Canada Jolloru	29-E			U Eoc A-1 zone	Bolin		
28472	Santa Barbara	Tranquillon Mountain	216	40	Canada Jolloru	29-E			U Eoc A-1 zone	Bolin		

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
28473	Santa Barbara	Tranquillon Mountain	216	41	Canada Jolloru	29-E			U Eoc A-1 zone	Bolin		
28474	Santa Barbara	Tranquillon Mountain	216	42	Canada Jolloru	29-E			U Eoc A-1 zone	Bolin		
28475	Santa Barbara	Tranquillon Mountain	216	43	Canada Jolloru	29-E			U Eoc A-1 zone	Bolin		
28476	Santa Barbara	Tranquillon Mountain	216	43A	Canada Jolloru	29-E			U Eoc A-1 zone	Bolin		
28477	Santa Barbara	Tranquillon Mountain	216	45	Canada Jolloru	29-E			U Eoc A-1 zone	Bolin		
28478	Santa Barbara	Tranquillon Mountain	216	46	Canada Jolloru	29-E			U Eoc A-1 zone	Bolin		
28479	Santa Barbara	Tranquillon Mountain	216	47	Canada Jolloru	29-E			U Eoc A-1 zone	Bolin		
28480	Santa Barbara	Tranquillon Mountain	216	48	Canada Jolloru	29-E			U Eoc A-1 zone	Bolin		
28481	Santa Barbara	Tranquillon Mountain	216	49	Canada Jolloru	29-E			U Eoc A-1 zone	Bolin		
28482	Santa Barbara	Tranquillon Mountain	216	50	Canada Jolloru	29-E			U Eoc A-1 zone	Bolin		
28483	Santa Barbara	Tranquillon Mountain	216	51	Canada Jolloru	36-J			U Eoc A-1 zone	Bolin		
28484	Santa Barbara	Tranquillon Mountain	216	53	Canada Jolloru	36-J			U Eoc A-1 zone	Bolin		
28485	Santa Barbara	Tranquillon Mountain	216	54	Canada Jolloru	36-J			U Eoc A-1 zone	Bolin		
28486	Santa Barbara	Tranquillon Mountain	216	55	Canada Jolloru	36-J			U Eoc A-1 zone	Bolin		
28487	Santa Barbara	Tranquillon Mountain	216	56	Canada Jolloru	36-J			U Eoc A-1 zone	Bolin		
28488	Santa Barbara	Tranquillon Mountain	216	56A	Canada Jolloru	36-J			U Eoc A-1 zone	Bolin		
28489	Santa Barbara	Tranquillon Mountain	216	57	Canada Jolloru	36-J			U Eoc A-1 zone	Bolin		
28490	Santa Barbara	Tranquillon Mountain	216	60	Canada Jolloru	36-J			U Eocene	Bolin		
28491	Santa Barbara	Tranquillon Mountain	217	1	Canada Honda	14-G	strat column		Eoc A-1 & Refug.?	Derry &		
28492	Santa Barbara	Tranquillon Mountain	217	2	Canada Honda	14-G	strat column		Eoc A-1 & Refug.?	Derry &		
28493	Santa Barbara	Tranquillon Mountain	217	3	Canada Honda	14-G	strat column		Eoc A-1 & Refug.?	Derry &		
28494	Santa Barbara	Tranquillon Mountain	217	4	Canada Honda	14-G	strat column		Eoc A-1 & Refug.?	Derry &		
28495	Santa Barbara	Tranquillon Mountain	217	5	Canada Honda	14-G	strat column		Eoc A-1 & Refug.?	Derry &		
28496	Santa Barbara	Tranquillon Mountain	217	6	Canada Honda	14-G	strat column		Eoc A-1 & Refug.?	Derry &		
28497	Santa Barbara	Tranquillon Mountain	217	7	Canada Honda	14-G	strat column		Eoc A-1 & Refug.?	Derry &		
28498	Santa Barbara	Tranquillon Mountain	217	8	Canada Honda	14-G	strat column	base of section	Eoc A-1 & Refug.?	Derry &		
28499	Santa Barbara	Tranquillon Mountain	1813		NE part of quad	69-C	Lompoc 15'		Eocene	Kraetsch		
28500	Santa Barbara	Tranquillon Mountain	1813	RS	NE part of quad	69-C	Lompoc 15'		Eocene			
28501	Santa Barbara	Tranquillon Mountain	1838		NE part of quad	69-D			prob Luisian	Zeni-Hoh		
28502	Santa Barbara	Tranquillon Mountain	1839		NE part of quad	69-D			no paleo info	Zeni-Hoh		
28503	Santa Barbara	Tranquillon Mountain	1842		NE part of quad	69-D	La Salle area		no paleo info	Zeni-Hoh		
28504	Santa Barbara	Tranquillon Mountain	1843		NE part of quad	69-D	La Salle area		Middle Miocene	Zeni-Hoh		
28505	Santa Barbara	Tranquillon Mountain	1852		NE part of quad	69-D	says Salinas on		Relizian	Hoheisel		
28506	Santa Barbara	Tranquillon Mountain	3667		center of quad	69-J	Tranquillon Peak		Miocene	Kraetsch		
28507	Santa Barbara	Tranquillon Mountain	4602		Canada Rodeo	68-G		flood planktics	Eocene A zone			
28508	Santa Barbara	Tranquillon Mountain	5240		EC part of quad	45-N			no paleo info			
28509	Santa Barbara	Tranquillon Mountain	5240	17-2	EC part of quad	70-C			no paleo info			
28510	Santa Barbara	Tranquillon Mountain	5240	17-1	EC part of quad	70-C			no paleo info			
28511	Santa Barbara	Tranquillon Mountain	5241		EC part of quad	45-N			no paleo info			
28512	Santa Barbara	Tranquillon Mountain	7650		Canada de Rodeo	66-L			no paleo info	Schweitzr		
28513	Santa Barbara	Tranquillon Mountain	7651		Canada de Rodeo	66-L			no paleo info	Schweitzr		
28514	Santa Barbara	Tranquillon Mountain	7656		SE of Sudden	66-L			no paleo info	Schweitzr		
28515	Santa Barbara	Tranquillon Mountain	7659		EC part of quad	66-L			no paleo info	Schweitzr		
28516	Santa Barbara	Tranquillon Mountain	8271	A	Sloans Canyon	70-F		have NP list	no paleo info			
28517	Santa Barbara	Tranquillon Mountain	11000		NC part of quad	79-H	flood planktics	Anita shale	Eocene	Hoheisel		
28518	Santa Barbara	Tranquillon Mountain	11049		N of Honda Creek	79-I	Honda fault		Middle Miocene	Kraetsch		
28519	Santa Barbara	Tranquillon Mountain	11050		Miguelito Road	79-I			U Eocene A zone	Kraetsch		
28520	Santa Barbara	Tranquillon Mountain	11050	RS	Miguelito Road	79-I	also has # 11367		U Eocene A zone	Kraetsch		
28521	Santa Barbara	Tranquillon Mountain	11068		Water Canyon	79-I			prob Paleocene	Kraetsch		
28522	Santa Barbara	Tranquillon Mountain	11069		Water Canyon	79-I			prob Paleocene	Kraetsch		
28523	Santa Barbara	Tranquillon Mountain	11069	RS	Water Canyon	79-I			prob Paleocene	Kraetsch		
28524	Santa Barbara	Tranquillon Mountain	11070		Water Canyon	79-I			prob Paleocene	Kraetsch		
28525	Santa Barbara	Tranquillon Mountain	11070	RS	Water Canyon	79-I			prob Paleocene	Kraetsch		
28526	Santa Barbara	Tranquillon Mountain	11071		Water Canyon	79-I			prob Paleocene	Kraetsch		
28527	Santa Barbara	Tranquillon Mountain	11072		Water Canyon	79-I			Eocene A zone	Kraetsch		
28528	Santa Barbara	Tranquillon Mountain	11073		Water Canyon	79-I		planktics com	Eocene A zone	Kraetsch		
28529	Santa Barbara	Tranquillon Mountain	11074		Water Canyon	79-I			U Cret F-1 zone	Kraetsch		
28530	Santa Barbara	Tranquillon Mountain	11075		NE of Tranq. Mtn	79-I			Eocene A zone	Kraetsch		
28531	Santa Barbara	Tranquillon Mountain	11076		N of Honda Creek	79-I			Eocene A zone	Kraetsch		
28532	Santa Barbara	Tranquillon Mountain	11077		NC part of quad	79-I			not diagnostic	Kraetsch		
28533	Santa Barbara	Tranquillon Mountain	11078		EC part of quad	79-I		rubber casts	Poss L Miocene	Kraetsch		
28534	Santa Barbara	Tranquillon Mountain	11079		S of Wild Horse Pk	79-I			barren	Kraetsch		
28535	Santa Barbara	Tranquillon Mountain	11080		center of quad	79-I			prob Relizian	Kraetsch		
28536	Santa Barbara	Tranquillon Mountain	11081		center of quad	79-I			Relizian	Kraetsch		
28537	Santa Barbara	Tranquillon Mountain	11082		EC part of quad	79-I		rubber casts	Eocene A zone	Kraetsch		
28538	Santa Barbara	Tranquillon Mountain	11083		not on map	79-I		rubber casts	Eocene A zone	Kraetsch		
28539	Santa Barbara	Tranquillon Mountain	11084		EC part of quad	79-I			barren	Kraetsch		
28540	Santa Barbara	Tranquillon Mountain	11085	1	EC part of quad	79-I			Eocene A zone	Orlopp		
28541	Santa Barbara	Tranquillon Mountain	11366	A	E of Tranq. Mtn	79-J			not diagnostic	Kraetsch		
28542	Santa Barbara	Tranquillon Mountain	11366	A-RW	E of Tranq. Mtn	79-I	see # 11050		not diagnostic	Kraetsch		
28543	Santa Barbara	Tranquillon Mountain	11366	B	E of Tranq. Mtn	79-J			not diagnostic	Kraetsch		
28544	Santa Barbara	Tranquillon Mountain	11367	A	Canada del Rodeo	79-J		abun planktics	Eocene A-2 zone	Kraetsch		
28545	Santa Barbara	Tranquillon Mountain	11367	B	Canada del Rodeo	79-J		abun planktics	Eocene A-2 zone	Kraetsch		
28546	Santa Barbara	Tranquillon Mountain	11368		NE of Sudden Ran	79-J			not diagnostic	Kraetsch		
28547	Santa Barbara	Tranquillon Mountain	11807		N of Honda Creek	79-K			not diagnostic	Kraetsch		
28548	Santa Barbara	Tranquillon Mountain	11808		N of Honda Creek	79-K			Paleocene D zone	Kraetsch		
28549	Santa Barbara	Tranquillon Mountain	11809		N of Honda Creek	79-K			Paleocene D zone	Kraetsch		
28550	Santa Barbara	Tranquillon Mountain	11810		N of Honda Creek	79-K			Paleocene D zone	Kraetsch		
28551	Santa Barbara	Tranquillon Mountain	11811		N of Honda Creek	79-K			Paleocene D zone	Kraetsch		
28552	Santa Barbara	Tranquillon Mountain	11812		Canada los Sauce	79-K	Point Arguello 15'		not diagnostic	Kraetsch		
28553	Santa Barbara	Tranquillon Mountain	11813		Canada los Sauce	79-L	Point Arguello 15'		Eocene B zones	Kraetsch		
28554	Santa Barbara	Tranquillon Mountain	11814		Canada los Sauce	79-L	Point Arguello 15'		U Cret H zone	Kraetsch		
28555	Santa Barbara	Tranquillon Mountain	11814	RW	Canada los Sauce	79-L	Point Arguello 15'		no paleo info	Kraetsch		
28556	Santa Barbara	Tranquillon Mountain	11815		Canada Ladrones	79-L	Point Arguello 15'	abun rads	Upper Cretaceous	Kraetsch		
28557	Santa Barbara	Tranquillon Mountain	11816		Canada Ladrones	79-L	Point Arguello 15'	com planktics	U Eocene A zone	Kraetsch		

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AG	COLLECTORS		
28558	Santa Barbara	Tranquillon Mountain	11817		Canada de Rodeo	79-L	Point Arguello 15'	abun planktics	U Eocene A zone	Kraetsch		
28559	Santa Barbara	Tranquillon Mountain	11818		Canada de Rodeo	79-L	Point Arguello 15'		U Eocene A zone	Kraetsch		
28560	Santa Barbara	Tranquillon Mountain	11819		Canada el Jollluru	79-L	Point Arguello 15'		L Cret J-1 zone	Kraetsch		
28561	Santa Barbara	Tranquillon Mountain	11820		Canada el Jollluru	79-L	Point Arguello 15'		Upper Cretaceous	Kraetsch		
28562	Santa Barbara	Tranquillon Mountain	11821		Canada el Jollluru	79-L	Point Arguello 15'	com planktics	U Eocene A zone	Kraetsch		
28563	Santa Barbara	Tranquillon Mountain	11822		Canada el Jollluru	79-L	Point Arguello 15'		U Eocene A zone	Kraetsch		
28564	Santa Barbara	Tranquillon Mountain	11823		Canada el Jollluru	79-L	Point Arguello 15'	abun planktics	U Eocene A zone	Kraetsch		
28565	Santa Barbara	Tranquillon Mountain	11824		Canada el Jollluru	79-L	Point Arguello 15'		U Eocene A zone	Kraetsch		
28566	Santa Barbara	Tranquillon Mountain	11825		Canada el Jollluru	79-L	Point Arguello 15'		not diagnostic	Kraetsch		
28567	Santa Barbara	Tranquillon Mountain	11826		Canada el Jollluru	79-L	Point Arguello 15'		U Eocene A zone	Kraetsch		
28568	Santa Barbara?	Tranquillon Mountain?	216	slide1	picked slide	74-C			composite?			
28569	Santa Barbara?	Tranquillon Mountain?	216	slide 2	picked slide	74-C			composite?			
28570	Santa Barbara?	Tranquillon Mountain?	216	slide 3	picked slide	74-C			composite?			
28571	Santa Barbara?	Tranquillon Mountain?	216	1	Santa Maria	68-G	duplicates?	no paleo info	see set above			
28572	Santa Barbara?	Tranquillon Mountain?	216	2	Santa Maria	68-G	duplicates?		see set above			
28573	Santa Barbara?	Tranquillon Mountain?	216	3	Santa Maria	68-G	duplicates?		see set above			
28574	Santa Barbara?	Tranquillon Mountain?	216	4	Santa Maria	68-G	duplicates?		see set above			
28575	Santa Barbara?	Tranquillon Mountain?	216	5	Santa Maria	68-G	duplicates?		see set above			
28576	Santa Barbara?	Tranquillon Mountain?	216	6	Santa Maria	68-G	duplicates?		see set above			
28577	Santa Barbara?	Tranquillon Mountain?	216	6.5	Santa Maria	68-G	duplicates?		see set above			
28578	Santa Barbara?	Tranquillon Mountain?	216	7	Santa Maria	68-G	duplicates?		see set above			
28579	Santa Barbara?	Tranquillon Mountain?	216	8	Santa Maria	68-G	duplicates?		see set above			
28580	Santa Barbara?	Tranquillon Mountain?	216	9	Santa Maria	68-G	duplicates?		see set above			
28581	Santa Barbara?	Tranquillon Mountain?	216	10	Santa Maria	68-F	duplicates?		see set above			
28582	Santa Barbara?	Tranquillon Mountain?	216	11	Santa Maria	68-F	duplicates?		see set above			
28583	Santa Barbara?	Tranquillon Mountain?	216	12	Santa Maria	68-F	duplicates?		see set above			
28584	Santa Barbara?	Tranquillon Mountain?	216	13	Santa Maria	68-F	duplicates?		see set above			
28585	Santa Barbara?	Tranquillon Mountain?	216	14	Santa Maria	68-F	duplicates?		see set above			
28586	Santa Barbara?	Tranquillon Mountain?	216	15	Santa Maria	68-F	duplicates?		see set above			
28587	Santa Barbara?	Tranquillon Mountain?	216	16	Santa Maria	68-F	duplicates?		see set above			
28588	Santa Barbara?	Tranquillon Mountain?	216	17	Santa Maria	68-F	duplicates?		see set above			
28589	Santa Barbara?	Tranquillon Mountain?	216	18	Santa Maria	68-F	duplicates?		see set above			
28590	Santa Barbara?	Tranquillon Mountain?	216	19	Santa Maria	68-F	duplicates?		see set above			
28591	Santa Barbara?	Tranquillon Mountain?	216	20	Santa Maria	68-F	duplicates?		see set above			
28592	Santa Barbara?	Tranquillon Mountain?	216	21	Santa Maria	68-F	duplicates?		see set above			
28593	Santa Barbara?	Tranquillon Mountain?	216	22	Santa Maria	68-F	duplicates?		see set above			
28594	Santa Barbara?	Tranquillon Mountain?	216	22A	Santa Maria	68-F	duplicates?		see set above			
28595	Santa Barbara?	Tranquillon Mountain?	216	23	Santa Maria	68-F	duplicates?		see set above			
28596	Santa Barbara?	Tranquillon Mountain?	216	24	Santa Maria	68-F	duplicates?		see set above			
28597	Santa Barbara?	Tranquillon Mountain?	216	25	Santa Maria	68-F	duplicates?		see set above			
28598	Santa Barbara?	Tranquillon Mountain?	216	26	Santa Maria	68-F	duplicates?		see set above			
28599	Santa Barbara?	Tranquillon Mountain?	216	27	Santa Maria	68-F	duplicates?		see set above			
28600	Santa Barbara?	Tranquillon Mountain?	216	28	Santa Maria	68-F	duplicates?		see set above			
28601	Santa Barbara?	Tranquillon Mountain?	216	29	Santa Maria	68-F	duplicates?		see set above			
28602	Santa Barbara?	Tranquillon Mountain?	216	30	Santa Maria	68-F	duplicates?		see set above			
28603	Santa Barbara?	Tranquillon Mountain?	216	31	Santa Maria	68-F	duplicates?		see set above			
28604	Santa Barbara?	Tranquillon Mountain?	216	32	Santa Maria	68-F	duplicates?		see set above			
28605	Santa Barbara?	Tranquillon Mountain?	216	33	Santa Maria	68-F	duplicates?		see set above			
28606	Santa Barbara?	Tranquillon Mountain?	216	34	Santa Maria	68-F	duplicates?		see set above			
28607	Santa Barbara?	Tranquillon Mountain?	216	35	Santa Maria	68-F	duplicates?		see set above			
28608	Santa Barbara?	Tranquillon Mountain?	216	36	Santa Maria	68-F	duplicates?		see set above			
28609	Santa Barbara?	Tranquillon Mountain?	216	37	Santa Maria	68-F	duplicates?		see set above			
28610	Santa Barbara?	Tranquillon Mountain?	216	38	Santa Maria	68-F	duplicates?		see set above			
28611	Santa Barbara?	Tranquillon Mountain?	216	39	Santa Maria	68-F	duplicates?		see set above			
28612	Santa Barbara?	Tranquillon Mountain?	216	40	Santa Maria	68-F	duplicates?		see set above			
28613	Santa Barbara?	Tranquillon Mountain?	216	41	Santa Maria	68-F	duplicates?		see set above			
28614	Santa Barbara?	Tranquillon Mountain?	216	42	Santa Maria	68-F	duplicates?		see set above			
28615	Santa Barbara?	Tranquillon Mountain?	216	43	Santa Maria	68-F	duplicates?		see set above			
28616	Santa Barbara?	Tranquillon Mountain?	216	43A	Santa Maria	68-F	duplicates?		see set above			
28617	Santa Barbara?	Tranquillon Mountain?	216	45	Santa Maria	68-F	duplicates?		see set above			
28618	Santa Barbara?	Tranquillon Mountain?	216	46	Santa Maria	68-F	duplicates?		see set above			
28619	Santa Barbara?	Tranquillon Mountain?	216	47	Santa Maria	68-F	duplicates?		see set above			
28620	Santa Barbara?	Tranquillon Mountain?	216	48	Santa Maria	68-F	duplicates?		see set above			
28621	Santa Barbara?	Tranquillon Mountain?	216	49	Santa Maria	68-F	duplicates?		see set above			
28622	Santa Barbara?	Tranquillon Mountain?	216	50	Santa Maria	68-F	duplicates?		see set above			
28623	Santa Barbara?	Tranquillon Mountain?	216	51	Santa Maria	68-F	duplicates?		see set above			
28624	Santa Barbara?	Tranquillon Mountain?	216	52	Santa Maria	68-F	duplicates?		see set above			
28625	Santa Barbara?	Tranquillon Mountain?	216	53	Santa Maria	68-F	duplicates?		see set above			
28626	Santa Barbara?	Tranquillon Mountain?	216	54	Santa Maria	68-F	duplicates?		see set above			
28627	Santa Barbara?	Tranquillon Mountain?	216	55	Santa Maria	68-F	duplicates?		see set above			
28628	Santa Barbara?	Tranquillon Mountain?	216	56	Santa Maria	68-F	duplicates?		see set above			
28629	Santa Barbara?	Tranquillon Mountain?	216	56A	Santa Maria	68-F	duplicates?		see set above			
28630	Santa Barbara?	Tranquillon Mountain?	216	57	Santa Maria	68-F	duplicates?		see set above			
28631	Santa Barbara?	Tranquillon Mountain?	216	60	Santa Maria	68-F	duplicates?		see set above			
28632	San Benito	Tres Pinos	7119		Bolado Park	122-A			Eocene	Starke		
28633	San Benito	Tres Pinos	11437		Bolado Park	165-F	Hollister 15'	com planktics	Eocene/Paleocene	Flege		
28634	San Benito	Tres Pinos	11437	RS	Bolado Park	165-F	Hollister 15'		Eocene/Paleocene	Flege		
28635	San Benito	Tres Pinos	11438		Bolado Park	165-F	Hollister 15'		Eocene/Paleocene	Flege		
28636	Los Angeles	Trifuno Pass	289	8	Mulholland Dr	26-L			Relizian			
28637	Los Angeles	Trifuno Pass	290	2	Mulholland Dr	26-L			Miocene			
28638	Los Angeles	Trifuno Pass	290	3	Mulholland Dr	26-L			Miocene			
28639	Los Angeles	Trifuno Pass	290	4	Mulholland Dr	26-L			Miocene			
28640	Los Angeles	Trifuno Pass	290	5	Mulholland Dr	26-L			Miocene			
28641	Los Angeles	Trifuno Pass	291	6	Los Alisos Cyn	18-N			not diagnostic			
28642	Los Angeles	Trifuno Pass	291	7	Los Alisos Cyn	18-N			not diagnostic			

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	COUNTY	USGS 7.5' QUAD	LOC #	SUB	GENERAL LOCAT	SLIDE #	MISCELLANEOUS	MISC	ZONE/SERIES/AGI	COLLECTORS		
28643	Los Angeles	Trifuno Pass	291	8	Los Alisos Cyn	18-N			not diagnostic			
28644	Los Angeles	Trifuno Pass	291	11	Los Alisos Cyn	18-N			not diagnostic			
28645	Los Angeles	Trifuno Pass	291	18	Los Alisos Cyn	18-N			Relizian			
28646	Los Angeles	Trifuno Pass	291	19	Los Alisos Cyn	18-N			Relizian			
28647	Los Angeles	Trifuno Pass	291	20	Los Alisos Cyn	18-N			Relizian			
28648	Los Angeles	Trifuno Pass	291	21	Los Alisos Cyn	18-N			Relizian			
28649	Los Angeles	Trifuno Pass	291	22	Los Alisos Cyn	18-N			Relizian			
28650	Los Angeles	Trifuno Pass	291	23	Los Alisos Cyn	18-N			Sauc/Relizian			
28651	Los Angeles	Trifuno Pass	291	24	Los Alisos Cyn	18-N			Sauc/Relizian			
28652	Los Angeles	Trifuno Pass	295	4	Ridge E Cachusa	18-N			Relizian			
28653	Los Angeles	Trifuno Pass	295	7	Ridge E Cachusa	18-N			Relizian			
28654	Los Angeles	Trifuno Pass	295	8	Ridge E Cachusa	18-N			Relizian			
28655	Los Angeles	Trifuno Pass	295	10	Ridge E Cachusa	18-N			Relizian			
28656	Los Angeles	Trifuno Pass	1284		Los Alisos Cyn	50-M	old Dume Point Q		no paleo info			
28657	Los Angeles	Trifuno Pass	1285		Los Alisos Cyn	50-M	old Dume Point Q		no paleo info			
28658	Los Angeles	Trifuno Pass	1287		Los Alisos Cyn	50-M	old Dume Point Q		no paleo info			
28659	Los Angeles	Trifuno Pass	5697	1	NE of Sequit Point	44-M			no paleo info			
28660	Los Angeles	Trifuno Pass	5697	2	NE of Sequit Point	44-M			no paleo info			
28661	Imperial	Truckhaven	418	47	SC part of quad	85-M			no paleo info			
28662	Fresno	Tumey Hills	147	1	N of Tumey Gulch	D-13			Cretaceous			
28663	Fresno	Tumey Hills	147	2	N of Tumey Gulch	D-13			Paleocene			
28664	Fresno	Tumey Hills	147	3	N of Tumey Gulch	D-13			Paleocene			
28665	Fresno	Tumey Hills	147	4	N of Tumey Gulch	D-13			Eocene			
28666	Fresno	Tumey Hills	147	5	N of Tumey Gulch	D-13			Eocene			
28667	Fresno	Tumey Hills	147	6	N of Tumey Gulch	D-13			Eocene			
28668	Fresno	Tumey Hills	147	7	N of Tumey Gulch	D-13			Eocene			
28669	Fresno	Tumey Hills	147	8	N of Tumey Gulch	D-13			not diagnostic			
28670	Fresno	Tumey Hills	147	9A	N of Tumey Gulch	D-13			not diagnostic			
28671	Fresno	Tumey Hills	147	9B	N of Tumey Gulch	D-13			no age provided			
28672	Fresno	Tumey Hills	147	10	N of Tumey Gulch	D-13			no age provided			
28673	Fresno	Tumey Hills	147	11	N of Tumey Gulch	D-13			no age provided			
28674	Fresno	Tumey Hills	147	12	N of Tumey Gulch	D-13			no age provided			
28675	Fresno	Tumey Hills	147	13	N of Tumey Gulch	D-13			no age provided			
28676	Fresno	Tumey Hills	147	14	N of Tumey Gulch	D-13			no age provided			
28677	Fresno	Tumey Hills	147	15	N of Tumey Gulch	D-13			no age provided			
28678	Fresno	Tumey Hills	147	16	N of Tumey Gulch	D-13			no age provided			
28679	Fresno	Tumey Hills	147	17	N of Tumey Gulch	D-13			no age provided			
28680	Fresno	Tumey Hills	147	18	N of Tumey Gulch	D-13			no age provided			
28681	Fresno	Tumey Hills	147	19	N of Tumey Gulch	D-13			no age provided			
28682	Fresno	Tumey Hills	147	20	N of Tumey Gulch	D-13			no age provided			
28683	Fresno	Tumey Hills	147	21	N of Tumey Gulch	D-13			no age provided			
28684	Fresno	Tumey Hills	147	22	N of Tumey Gulch	D-13			no age provided			
28685	Fresno	Tumey Hills	147	23	N of Tumey Gulch	D-13			no age provided			
28686	Fresno	Tumey Hills	147	24	N of Tumey Gulch	D-13			no age provided			
28687	Fresno	Tumey Hills	147	25	N of Tumey Gulch	D-13			no age provided			
28688	Fresno	Tumey Hills	147	27	N of Tumey Gulch	D-13			no age provided			
28689	Fresno	Tumey Hills	147	28	N of Tumey Gulch	D-13			no age provided			
28690	Fresno	Tumey Hills	147	29	N of Tumey Gulch	D-13			no age provided			
28691	Fresno	Tumey Hills	147	30	N of Tumey Gulch	D-13			no age provided			
28692	Fresno	Tumey Hills	147	31	N of Tumey Gulch	D-13			no age provided			
28693	Fresno	Tumey Hills	147	32	N of Tumey Gulch	D-13			no age provided			
28694	Fresno	Tumey Hills	147	33	N of Tumey Gulch	D-13			no age provided			
28695	Fresno	Tumey Hills	147	34	N of Tumey Gulch	D-13			no age provided			
28696	Fresno	Tumey Hills	147	35	N of Tumey Gulch	D-13			no age provided			
28697	Fresno	Tumey Hills	147	36	N of Tumey Gulch	D-13			no age provided			
28698	Fresno	Tumey Hills	147	37	N of Tumey Gulch	D-13			no age provided			
28699	Fresno	Tumey Hills	147	38	N of Tumey Gulch	D-13			no age provided			
28700	Fresno	Tumey Hills	147	39	N of Tumey Gulch	D-13			no age provided			
28701	Fresno	Tumey Hills	147	40	N of Tumey Gulch	D-13			no age provided			
28702	Fresno	Tumey Hills	147	41	N of Tumey Gulch	D-13			no age provided			
28703	Fresno	Tumey Hills	147	42	N of Tumey Gulch	D-13			no age provided			
28704	Fresno	Tumey Hills	147	43	N of Tumey Gulch	D-14			no age provided			
28705	Fresno	Tumey Hills	147	44	N of Tumey Gulch	D-14			no age provided			
28706	Fresno	Tumey Hills	147	45	N of Tumey Gulch	D-14			no age provided			
28707	Fresno	Tumey Hills	147	46	N of Tumey Gulch	D-14			no age provided			
28708	Fresno	Tumey Hills	147	47	N of Tumey Gulch	D-14			no age provided			
28709	Fresno	Tumey Hills	147	48	N of Tumey Gulch	D-14			no age provided			
28710	Fresno	Tumey Hills	147	49	N of Tumey Gulch	D-14			no age provided			
28711	Fresno	Tumey Hills	147	50	N of Tumey Gulch	D-14			no age provided			
28712	Fresno	Tumey Hills	147	51	N of Tumey Gulch	D-14			no age provided			
28713	Fresno	Tumey Hills	147	52	N of Tumey Gulch	D-14			no age provided			
28714	Fresno	Tumey Hills	147	53	N of Tumey Gulch	D-14			no age provided			
28715	Fresno	Tumey Hills	147	54	N of Tumey Gulch	D-14			no age provided			
28716	Fresno	Tumey Hills	147	55	N of Tumey Gulch	D-14			no age provided			
28717	Fresno	Tumey Hills	147	56	N of Tumey Gulch	D-14			no age provided			
28718	Fresno	Tumey Hills	147	57	N of Tumey Gulch	D-14			no age provided			
28719	Fresno	Tumey Hills	147	58	N of Tumey Gulch	D-14			no age provided			
28720	Fresno	Tumey Hills	147	59	N of Tumey Gulch	D-14			no age provided			
28721	Fresno	Tumey Hills	147	60	N of Tumey Gulch	D-14			no age provided			
28722	Fresno	Tumey Hills	147	61	N of Tumey Gulch	D-14			no age provided			
28723	Fresno	Tumey Hills	147	62	N of Tumey Gulch	D-14			no age provided			
28724	Fresno	Tumey Hills	147	63	N of Tumey Gulch	D-14			no age provided			
28725	Fresno	Tumey Hills	147	64	N of Tumey Gulch	D-14			no age provided			
28726	Fresno	Tumey Hills	147	65	N of Tumey Gulch	D-14			no age provided			
28727	Fresno	Tumey Hills	147	66	N of Tumey Gulch	D-14			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		
28728	Fresno	Tumey Hills	147	67	N of Tumey Gulch	D-14			no age provided			
28729	Fresno	Tumey Hills	147	68	N of Tumey Gulch	D-14			no age provided			
28730	Fresno	Tumey Hills	147	69	N of Tumey Gulch	D-14			no age provided			
28731	Fresno	Tumey Hills	147	70	N of Tumey Gulch	D-14			no age provided			
28732	Fresno	Tumey Hills	147	71	N of Tumey Gulch	D-14			no age provided			
28733	Fresno	Tumey Hills	147	72	N of Tumey Gulch	D-14			no age provided			
28734	Fresno	Tumey Hills	147	73	N of Tumey Gulch	D-14			no age provided			
28735	Fresno	Tumey Hills	147	74	N of Tumey Gulch	D-14			no age provided			
28736	Fresno	Tumey Hills	147	slide 1	N of Tumey Gulch	D-14	types		no age provided			
28737	Fresno	Tumey Hills	147	slide 2	N of Tumey Gulch	D-14	types		no age provided			
28738	Fresno	Tumey Hills	147	slide 3	N of Tumey Gulch	D-14	types		no age provided			
28739	Fresno	Tumey Hills	147	slide 4	N of Tumey Gulch	D-14	types		no age provided			
28740	Fresno	Tumey Hills	157	P135	NC part of quad	G-5			Eocene	Patchett		
28741	Fresno	Tumey Hills	157	P135A	NC part of quad	G-5			Eocene	Patchett		
28742	Fresno	Tumey Hills	157	P135B	NC part of quad	G-5			Eocene	Patchett		
28743	Fresno	Tumey Hills	157	P135C	NC part of quad	G-5			Eocene	Patchett		
28744	Fresno	Tumey Hills	157	P135D	NC part of quad	G-5			Eocene	Patchett		
28745	Fresno	Tumey Hills	158	P143-1	NC part of quad	G-7			Eocene	Patchett		
28746	Fresno	Tumey Hills	158	P143-3	NC part of quad	G-7			Eocene	Patchett		
28747	Fresno	Tumey Hills	158	P143-4	NC part of quad	G-7			Eocene	Patchett		
28748	Fresno	Tumey Hills	160	1	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
28749	Fresno	Tumey Hills	160	2	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
28750	Fresno	Tumey Hills	160	4	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
28751	Fresno	Tumey Hills	160	5	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
28752	Fresno	Tumey Hills	160	6	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
28753	Fresno	Tumey Hills	160	7	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
28754	Fresno	Tumey Hills	160	8	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
28755	Fresno	Tumey Hills	160	9	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
28756	Fresno	Tumey Hills	160	10	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
28757	Fresno	Tumey Hills	160	11	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
28758	Fresno	Tumey Hills	160	12	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
28759	Fresno	Tumey Hills	160	13	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
28760	Fresno	Tumey Hills	160	14	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
28761	Fresno	Tumey Hills	160	15	NC part of quad	D-14	P145 Coalinga		Eocene	Patchett		
28762	Fresno	Tumey Hills	161		EC part of quad	G-5	P148A		Eocene	Patchett		
28763	Fresno	Tumey Hills	161		EC part of quad	G-5	P148B		Eocene	Patchett		
28764	Fresno	Tumey Hills	161		EC part of quad	G-5	P148C		Eocene	Patchett		
28765	Fresno	Tumey Hills	161		EC part of quad	G-5	P148D		Eocene	Patchett		
28766	Fresno	Tumey Hills	161		EC part of quad	D-14	P148AB		Eocene	Patchett		
28767	Fresno	Tumey Hills	265	*11-1	Panoche Ck area	F-2	Coalinga area on	strat col	Eocene	Weddle		
28768	Fresno	Tumey Hills	265	*11-2	Panoche Ck area	F-2	slides	see loc 179	Eocene	Weddle		
28769	Fresno	Tumey Hills	265	*11-3	Panoche Ck area	F-2			Eocene	Weddle		
28770	Fresno	Tumey Hills	265	*11-4	Panoche Ck area	F-2			Eocene	Weddle		
28771	Fresno	Tumey Hills	265	*11-5	Panoche Ck area	F-2			Eocene	Weddle		
28772	Fresno	Tumey Hills	265	*11-6	Panoche Ck area	F-2			Eocene	Weddle		
28773	Fresno	Tumey Hills	265	*11-7	Panoche Ck area	F-2			Eocene	Weddle		
28774	Fresno	Tumey Hills	482	1	type Lodo	61-J	The type Lodo is		no paleo info			
28775	Fresno	Tumey Hills	482	2	type Lodo	61-J	Paleocene and		no paleo info			
28776	Fresno	Tumey Hills	482	3	type Lodo	61-J	Eocene. Landsliding		no paleo info			
28777	Fresno	Tumey Hills	482	4	type Lodo	61-J	complicates		no paleo info			
28778	Fresno	Tumey Hills	482	5	type Lodo	61-J	measuring a		no paleo info			
28779	Fresno	Tumey Hills	482	6	type Lodo	61-J	section.		no paleo info			
28780	Fresno	Tumey Hills	482	7	type Lodo	61-J			no paleo info			
28781	Fresno	Tumey Hills	482	8	type Lodo	61-J			no paleo info			
28782	Fresno	Tumey Hills	482	9	type Lodo	61-J			no paleo info			
28783	Fresno	Tumey Hills	482	10	type Lodo	61-J			no paleo info			
28784	Fresno	Tumey Hills	482	11	type Lodo	61-J			no paleo info			
28785	Fresno	Tumey Hills	482	12	type Lodo	61-J			no paleo info			
28786	Fresno	Tumey Hills	482	13	type Lodo	61-J			no paleo info			
28787	Fresno	Tumey Hills	482	14	type Lodo	61-J			no paleo info			
28788	Fresno	Tumey Hills	482	15	type Lodo	61-J			no paleo info			
28789	Fresno	Tumey Hills	482	16	type Lodo	61-J			no paleo info			
28790	Fresno	Tumey Hills	482	17	type Lodo	61-J			no paleo info			
28791	Fresno	Tumey Hills	482	18	type Lodo	61-J			no paleo info			
28792	Fresno	Tumey Hills	482	19	type Lodo	61-J			no paleo info			
28793	Fresno	Tumey Hills	482	20	type Lodo	61-J			no paleo info			
28794	Fresno	Tumey Hills	482	21	type Lodo	61-J			no paleo info			
28795	Fresno	Tumey Hills	482	22	type Lodo	61-J			no paleo info			
28796	Fresno	Tumey Hills	482	23	type Lodo	61-J			no paleo info			
28797	Fresno	Tumey Hills	482	24	type Lodo	61-J			no paleo info			
28798	Fresno	Tumey Hills	482	25	type Lodo	61-J			no paleo info			
28799	Fresno	Tumey Hills	482	26	type Lodo	61-J			no paleo info			
28800	Fresno	Tumey Hills	482	27	type Lodo	61-J			no paleo info			
28801	Fresno	Tumey Hills	482	28	type Lodo	61-J			no paleo info			
28802	Fresno	Tumey Hills	482	29	type Lodo	61-J			no paleo info			
28803	Fresno	Tumey Hills	482	30	type Lodo	61-J			no paleo info			
28804	Fresno	Tumey Hills	482	31	type Lodo	61-J			no paleo info			
28805	Fresno	Tumey Hills	482	32	type Lodo	61-J			no paleo info			
28806	Fresno	Tumey Hills	482	33	type Lodo	61-J			no paleo info			
28807	Fresno	Tumey Hills	482	34	type Lodo	61-J			no paleo info			
28808	Fresno	Tumey Hills	482	35	type Lodo	61-J			no paleo info			
28809	Fresno	Tumey Hills	482	36	type Lodo	61-J			no paleo info			
28810	Fresno	Tumey Hills	482	37	type Lodo	61-J			no paleo info			
28811	Fresno	Tumey Hills	482	38	type Lodo	61-J			no paleo info			
28812	Fresno	Tumey Hills	482	39	type Lodo	61-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		ONE/SERIES/AG	COLLECTORS		
28898	Fresno	Tumey Hills	777	148	Superior Oil Co.	161-E	Pipeline ditch		L Eocene C zone	Meditz &		
28899	Fresno	Tumey Hills	777	149	Superior Oil Co.	161-E	Pipeline ditch		L Eocene C zone	Meditz &		
28900	Fresno	Tumey Hills	777	150	Superior Oil Co.	161-E	Pipeline ditch		L Eocene C zone	Meditz &		
28901	Fresno	Tumey Hills	777	151	Superior Oil Co.	161-E	Pipeline ditch		L Eocene C zone	Meditz &		
28902	Fresno	Tumey Hills	777	152	Superior Oil Co.	161-E	Pipeline ditch		L Eocene C zone	Meditz &		
28903	Fresno	Tumey Hills	777	153	Superior Oil Co.	161-E	Pipeline ditch		Paleocene D/E zn	Meditz &		
28904	Fresno	Tumey Hills	777	157	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
28905	Fresno	Tumey Hills	777	158	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
28906	Fresno	Tumey Hills	777	160	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
28907	Fresno	Tumey Hills	777	161	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
28908	Fresno	Tumey Hills	777	162	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
28909	Fresno	Tumey Hills	777	166	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
28910	Fresno	Tumey Hills	777	167	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
28911	Fresno	Tumey Hills	777	168	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
28912	Fresno	Tumey Hills	777	169	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
28913	Fresno	Tumey Hills	777	170	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
28914	Fresno	Tumey Hills	777	171	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
28915	Fresno	Tumey Hills	777	172	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
28916	Fresno	Tumey Hills	777	173	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
28917	Fresno	Tumey Hills	777	174	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
28918	Fresno	Tumey Hills	777	175	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
28919	Fresno	Tumey Hills	777	176	Superior Oil Co.	161-E	Pipeline ditch		U Cret A/B zones	Meditz &		
28920	Fresno	Tumey Hills	777	177	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28921	Fresno	Tumey Hills	777	178	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28922	Fresno	Tumey Hills	777	179	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28923	Fresno	Tumey Hills	777	180	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28924	Fresno	Tumey Hills	777	181	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28925	Fresno	Tumey Hills	777	182	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28926	Fresno	Tumey Hills	777	183	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28927	Fresno	Tumey Hills	777	186	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28928	Fresno	Tumey Hills	777	187	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28929	Fresno	Tumey Hills	777	188	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28930	Fresno	Tumey Hills	777	189	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28931	Fresno	Tumey Hills	777	190	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28932	Fresno	Tumey Hills	777	191	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28933	Fresno	Tumey Hills	777	193	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28934	Fresno	Tumey Hills	777	194	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28935	Fresno	Tumey Hills	777	195	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28936	Fresno	Tumey Hills	777	196	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28937	Fresno	Tumey Hills	777	198	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28938	Fresno	Tumey Hills	777	200	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28939	Fresno	Tumey Hills	777	201	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28940	Fresno	Tumey Hills	777	202	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28941	Fresno	Tumey Hills	777	203	Superior Oil Co.	161-F	Pipeline ditch		U Cret A/B zones	Meditz &		
28942	Fresno	Tumey Hills	777	204	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
28943	Fresno	Tumey Hills	777	205	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
28944	Fresno	Tumey Hills	777	206	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
28945	Fresno	Tumey Hills	777	207	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
28946	Fresno	Tumey Hills	777	208	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
28947	Fresno	Tumey Hills	777	209	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
28948	Fresno	Tumey Hills	777	210	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
28949	Fresno	Tumey Hills	777	211	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
28950	Fresno	Tumey Hills	777	212	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
28951	Fresno	Tumey Hills	777	213	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
28952	Fresno	Tumey Hills	777	221	Superior Oil Co.	161-F	Pipeline ditch		U Cret C zone	Meditz &		
28953	San Benito	Tumey Hills	3137		Griswold Hills	29-J	slide says Coalinga	age from map	Cretaceous	Porter		
28954	San Benito	Tumey Hills	3138		Griswold Hills	29-J	slide says Coalinga		Cretaceous	Porter		
28955	San Benito	Tumey Hills	3142		not found	29-J	slide says Coalinga		Cretaceous	Porter		
28956	San Benito	Tumey Hills	3144		center of quad	29-J	slide says Coalinga		barren	Porter		
28957	Fresno	Tumey Hills	3146		NC part of quad	29-J	slide says Coalinga		not diagnostic	Porter		
28958	Fresno	Tumey Hills	3147		center of quad	29-J	slide says Coalinga		Upper Cretaceous	Porter		
28959	Fresno	Tumey Hills	3148		Griswold Hills	29-J	slide says Coalinga		Cretaceous	Porter		
28960	San Benito	Tumey Hills	3149		center of quad	29-K	slide says Coalinga		Cretaceous	Porter		
28961	Fresno	Tumey Hills	3201		EC part of quad	29-K	slide says Coalinga		not diagnostic	Porter		
28962	Fresno	Tumey Hills	3202		EC part of quad	29-K	slide says Coalinga		?U Cret C zone	Porter		
28963	Fresno	Tumey Hills	3204		EC part of quad	29-K	slide says Coalinga		?Cretaceous	Porter		
28964	Fresno	Tumey Hills	3205		EC part of quad	29-K	slide says Coalinga		?Cretaceous	Porter		
28965	Fresno	Tumey Hills	3206		not on map	29-K	slide says Coalinga		not diagnostic	Porter		
28966	Fresno	Tumey Hills	3207		Silver Creek	29-K	slide says Coalinga		?Cretaceous	Porter		
28967	Fresno	Tumey Hills	3208		Silver Creek	29-K	slide says Coalinga		?Cretaceous	Porter		
28968	Fresno	Tumey Hills	3209		NC part of quad	29-K	slide says Coalinga		?Cretaceous	Porter		
28969	San Benito	Tumey Hills	3230		Silver Creek	29-K	slide says Coalinga		Eocene C zone	Porter		
28970	San Benito	Tumey Hills	3231		Silver Creek	29-K	slide says Coalinga		Cretaceous	Porter		
28971	San Benito	Tumey Hills	3232		SE part of quad	29-K	slide says Coalinga		Eocene C zone	Porter		
28972	San Benito	Tumey Hills	3233		SE part of quad	29-K	slide says Coalinga		Eocene C zone	Porter		
28973	San Benito	Tumey Hills	3237		Griswold Hills	29-K	slide says Coalinga		Eocene C zone	Porter		
28974	San Benito	Tumey Hills	3238		Griswold Hills	29-K	slide says Coalinga		not diagnostic	Porter		
28975	San Benito	Tumey Hills	3239		Griswold Hills	29-K	slide says Coalinga		not diagnostic	Porter		
28976	Fresno	Tumey Hills	3242		Silver Creek	29-K	slide says Coalinga		?Cretaceous	Porter		
28977	San Benito	Tumey Hills	3243		not found	29-K	slide says Coalinga		Upper Cretaceous	Porter		
28978	San Benito	Tumey Hills	3245		Griswold Hills	29-K	slide says Coalinga		Upper Cretaceous	Porter		
28979	San Benito	Tumey Hills	3248		Griswold Hills	29-K	slide says Coalinga		not diagnostic	Porter		
28980	San Benito	Tumey Hills	3249		SE part of quad	29-K	slide says Coalinga		not diagnostic	Porter		
28981	San Benito	Tumey Hills	3251		Griswold Hills	29-K			no paleo info	Porter		
28982	San Benito	Tumey Hills	3257		Silver Creek	29-K			barren	Porter		

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		
28983	San Benito	Tumey Hills	4903		Griswold Hills	29-K			Eocene C zone			
28984	San Benito	Tumey Hills	4904		Griswold Hills	29-K			not diagnostic			
28985	San Benito	Tumey Hills	4907		Griswold Hills	29-K			Eocene C zone			
28986	San Benito	Tumey Hills	4909		Griswold Hills	29-L			barren			
28987	San Benito	Tumey Hills	4910		Griswold Hills	29-L			barren			
28988	San Benito	Tumey Hills	4911		Griswold Hills	29-L			barren			
28989	San Benito	Tumey Hills	4912		Griswold Hills	29-L			not diagnostic			
28990	San Benito	Tumey Hills	4914		Griswold Hills	29-L			not diagnostic			
28991	San Benito	Tumey Hills	4918		Griswold Hills	29-L			L Eocene B-3 zone			
28992	San Benito	Tumey Hills	4919		Griswold Hills	29-L		also #5052	barren			
28993	San Benito	Tumey Hills	4920		Griswold Hills	29-L			L Eocene B-3 zone			
28994	San Benito	Tumey Hills	4952		not found	29-L			no paleo info			
28995	San Benito	Tumey Hills	5081		Griswold Hills	29-L			L Eocene C zone			
28996	San Benito	Tumey Hills	5084		Griswold Hills	29-J			L Eocene C zone	Seiden		
28997	San Benito	Tumey Hills	5085		Griswold Hills	29-J			L Eocene C zone	Seiden		
28998	San Benito	Tumey Hills	5086		Griswold Hills	29-J			L Eocene C zone	Seiden		
28999	San Benito	Tumey Hills	5088		Griswold Hills	29-J			L Eocene C zone	Seiden		
29000	San Benito	Tumey Hills	5089		Griswold Hills	29-J			not diagnostic	Seiden		
29001	San Benito	Tumey Hills	5091		Griswold Hills	29-J			Cret/Paleocene	Seiden		
29002	San Benito	Tumey Hills	5095		Griswold Hills	29-J			not diagnostic	Seiden		
29003	San Benito	Tumey Hills	5096		Griswold Hills	29-J			Cret/Paleocene	Seiden		
29004	San Benito	Tumey Hills	5097		Griswold Hills	29-J			Upper Cretaceous	Seiden		
29005	San Benito	Tumey Hills	5098		Griswold Hills	29-J			Paleocene E zone	Seiden		
29006	San Benito	Tumey Hills	5099		Griswold Hills	29-J			Cret/Paleocene	Seiden		
29007	San Benito	Tumey Hills	5100		Griswold Hills	29-J			Paleocene E zone	Seiden		
29008	San Benito	Tumey Hills	5101		Griswold Hills	29-J			barren	Seiden		
29009	San Benito	Tumey Hills	5102		Griswold Hills	29-J			Upper Cretaceous	Seiden		
29010	San Benito	Tumey Hills	5103		Griswold Hills	29-J			L Eocene B-3 zone	Seiden		
29011	San Benito	Tumey Hills	5104		Griswold Hills	29-J			L Eocene B-3 zone	Seiden		
29012	San Benito	Tumey Hills	5105		Griswold Hills	29-J			L Eocene C zone	Seiden		
29013	San Benito	Tumey Hills	5106		Griswold Hills	29-J			L Eocene C zone	Seiden		
29014	San Benito	Tumey Hills	5107		Griswold Hills	29-J			L Eocene C zone	Seiden		
29015	San Benito	Tumey Hills	5108		Griswold Hills	29-J			Upper Cretaceous	Seiden		
29016	San Benito	Tumey Hills	5109		Griswold Hills	29-J			barren	Seiden		
29017	San Benito	Tumey Hills	5116		Griswold Hills	29-J			L Eocene B-3 zone	Seiden		
29018	San Benito	Tumey Hills	5117		Griswold Hills	29-J			?Lower Eocene	Seiden		
29019	San Benito	Tumey Hills	5119		Griswold Hills	29-J			Upper Cretaceous	Seiden		
29020	Fresno	Tumey Hills	179	9-3 etc	Silver Creek area	H-12	type Lodo area	strat column	Upper Cretaceous	Weddle		
29021	Fresno	Tumey Hills	179	4	Silver Creek area	H-12	type Lodo area	strat column	Upper Cretaceous	Weddle		
29022	Fresno	Tumey Hills	179	5	Silver Creek area	H-12	type Lodo area	strat column	Upper Cretaceous	Weddle		
29023	Fresno	Tumey Hills	179	6	Silver Creek area	H-12	type Lodo area	strat column	Upper Cretaceous	Weddle		
29024	Fresno	Tumey Hills	179	8	Silver Creek area	H-12	type Lodo area	strat column	Upper Cretaceous	Weddle		
29025	Fresno	Tumey Hills	179	9	Silver Creek area	H-12	type Lodo area	strat column	Upper Cretaceous	Weddle		
29026	Fresno	Tumey Hills	179	10	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene	Weddle		
29027	Fresno	Tumey Hills	179	11	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene	Weddle		
29028	Fresno	Tumey Hills	179	12	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene	Weddle		
29029	Fresno	Tumey Hills	179	13	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene	Weddle		
29030	Fresno	Tumey Hills	179	14A	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene	Weddle		
29031	Fresno	Tumey Hills	179	14B	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene	Weddle		
29032	Fresno	Tumey Hills	179	15	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene	Weddle		
29033	Fresno	Tumey Hills	179	16	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene	Weddle		
29034	Fresno	Tumey Hills	179	17	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene	Weddle		
29035	Fresno	Tumey Hills	179	18	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene	Weddle		
29036	Fresno	Tumey Hills	179	19	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene	Weddle		
29037	Fresno	Tumey Hills	179	20	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene	Weddle		
29038	Fresno	Tumey Hills	179	22	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene	Weddle		
29039	Fresno	Tumey Hills	179	23	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene	Weddle		
29040	Fresno	Tumey Hills	179	24	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene	Weddle		
29041	Fresno	Tumey Hills	179	25	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene	Weddle		
29042	Fresno	Tumey Hills	179	26	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene	Weddle		
29043	Fresno	Tumey Hills	179	27	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene	Weddle		
29044	Fresno	Tumey Hills	179	28	Silver Creek area	H-12	type Lodo area	type Plata fm	Paleocene	Weddle		
29045	Fresno	Tumey Hills	179	29	Silver Creek area	H-12	type Lodo area	strat column	Eocene	Weddle		
29046	Fresno	Tumey Hills	179	30	Silver Creek area	H-12	type Lodo area	strat column	Eocene	Weddle		
29047	Fresno	Tumey Hills	179	68	Silver Creek area	H-12	type Lodo area	strat column	no paleo info	Weddle		
29048	Fresno	Tumey Hills	179	68A	Silver Creek area	H-12	type Lodo area	strat column	no paleo info	Weddle		
29049	Fresno	Tumey Hills	179	69	Silver Creek area	H-12	type Lodo area	strat column	no paleo info	Weddle		
29050	Fresno	Tumey Hills	179	71	Silver Creek area	H-12	type Lodo area	strat column	no paleo info	Weddle		
29051	Fresno	Tumey Hills	179	72	Silver Creek area	H-12	type Lodo area	strat column	no paleo info	Weddle		
29052	Fresno	Tumey Hills	179	73	Silver Creek area	H-12	type Lodo area	strat column	no paleo info	Weddle		
29053	Fresno	Tumey Hills	179	74	Silver Creek area	H-12	type Lodo area	strat column	no paleo info	Weddle		
29054	Fresno	Tumey Hills	179	75	Silver Creek area	H-12	type Lodo area	strat column	no paleo info	Weddle		
29055	Fresno	Tumey Hills	179	76	Silver Creek area	H-12	type Lodo area	strat column	no paleo info	Weddle		
29056	Fresno	Tumey Hills	179	77	Silver Creek area	H-12	type Lodo area	strat column	no paleo info	Weddle		
29057	Fresno	Tumey Hills	179	78	Silver Creek area	H-12	type Lodo area	strat column	no paleo info	Weddle		
29058	Fresno	Tumey Hills	179	79	Silver Creek area	H-12	type Lodo area	strat column	no paleo info	Weddle		
29059	Fresno	Tumey Hills	179	80	Silver Creek area	H-12	type Lodo area	strat column	no paleo info	Weddle		
29060	Fresno	Tumey Hills	179	81	Silver Creek area	H-13	type Lodo area	strat column	no paleo info	Weddle		
29061	Fresno	Tumey Hills	179	82	Silver Creek area	H-13	type Lodo area	strat column	no paleo info	Weddle		
29062	Fresno	Tumey Hills	179	83	Silver Creek area	H-13	type Lodo area	strat column	no paleo info	Weddle		
29063	Fresno	Tumey Hills	179	84	Silver Creek area	H-13	type Lodo area	strat column	no paleo info	Weddle		
29064	Fresno	Tumey Hills	179	85	Silver Creek area	H-13	type Lodo area	strat column	no paleo info	Weddle		
29065	Fresno	Tumey Hills	179	9-31etc	Silver Creek area	H-12	type Lodo area	strat column	Eocene	Weddle		
29066	Fresno	Tumey Hills	179	32	Silver Creek area	H-12	type Lodo area	strat column	Eocene	Weddle		
29067	Fresno	Tumey Hills	179	35	Silver Creek area	H-13	type Lodo area	strat column	Eocene	Weddle		

	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		
29068	Fresno	Tumey Hills	179	36	Silver Creek area	H-13	type Lodo area	strat column	Eocene	Weddle		
29069	Fresno	Tumey Hills	179	37	Silver Creek area	H-13	type Lodo area	strat column	Eocene	Weddle		
29070	Fresno	Tumey Hills	179	38	Silver Creek area	H-13	type Lodo area	strat column	Eocene	Weddle		
29071	Fresno	Tumey Hills	179	39	Silver Creek area	H-13	type Lodo area	strat column	Eocene	Weddle		
29072	Fresno	Tumey Hills	179	40	Silver Creek area	H-13	type Lodo area	strat column	Eocene	Weddle		
29073	Fresno	Tumey Hills	179	41	Silver Creek area	H-13	type Lodo area	strat column	Eocene	Weddle		
29074	Fresno	Tumey Hills	179	42	Silver Creek area	H-13	type Lodo area	strat column	Eocene	Weddle		
29075	Fresno	Tumey Hills	179	43	Silver Creek area	H-13	type Lodo area	strat column	Eocene	Weddle		
29076	Fresno	Tumey Hills	179	44	Silver Creek area	H-13	type Lodo area	strat column	Eocene	Weddle		
29077	Fresno	Tumey Hills	179	45	Silver Creek area	H-13	type Lodo area	strat column	Eocene	Weddle		
29078	Fresno	Tumey Hills	179	46	Silver Creek area	H-13	type Lodo area	strat column	Eocene	Weddle		
29079	Fresno	Tumey Hills	179	47	Silver Creek area	H-13	type Lodo area	strat column	Eocene	Weddle		
29080	Fresno	Tumey Hills	179	48	Silver Creek area	H-13	type Lodo area	strat column	Eocene	Weddle		
29081	Fresno	Tumey Hills	179	49	Silver Creek area	H-13	type Lodo area	strat column	Eocene	Weddle		
29082	Fresno	Tumey Hills	179	50	Silver Creek area	H-13	type Lodo area	strat column	Eocene	Weddle		
29083	Fresno	Tumey Hills	179	51	Silver Creek area	H-13	type Lodo area	strat column	Eocene	Weddle		
29084	Fresno	Tumey Hills	179	52	Silver Creek area	H-13	type Lodo area	strat column	Eocene	Weddle		
29085	Fresno	Tumey Hills	179	53	Silver Creek area	H-13	type Lodo area	strat column	Eocene	Weddle		
29086	Fresno	Tumey Hills	179	56	Silver Creek area	H-13	type Lodo area	strat column	Cretaceous	Weddle		
29087	Fresno	Tumey Hills	179	57	Silver Creek area	H-13	type Lodo area	strat column	Cretaceous	Weddle		
29088	Fresno	Tumey Hills	179	58	Silver Creek area	H-13	type Lodo area	strat column	Paleocene	Weddle		
29089	Fresno	Tumey Hills	179	59	Silver Creek area	H-13	type Lodo area	strat column	Paleocene	Weddle		
29090	Fresno	Tumey Hills	179	60	Silver Creek area	H-13	type Lodo area	strat column	Paleocene	Weddle		
29091	Fresno	Tumey Hills	179	61	Silver Creek area	H-13	type Lodo area	strat column	Paleocene	Weddle		
29092	Fresno	Tumey Hills	179	65	Silver Creek area	H-13	type Lodo area	strat column	Paleocene	Weddle		
29093	Fresno	Tumey Hills	179	66	Silver Creek area	H-13	type Lodo area	strat column	Paleocene	Weddle		
29094	Fresno	Tumey Hills?	267	*10-2	N of Panoche Ck	F-14	Uncertain how far	strat column	Eocene	Weddle		
29095	Fresno	Tumey Hills?	267	*10-5	N of Panoche Ck	F-14	north of Panoche	see loc 169	Eocene	Weddle		
29096	Fresno	Tumey Hills?	267	*10-6	N of Panoche Ck	F-14	Creek this section		Eocene	Weddle		
29097	Fresno	Tumey Hills?	267	*10-7	N of Panoche Ck	F-14	is located. No		Eocene	Weddle		
29098	Fresno	Tumey Hills?	267	*10-8	N of Panoche Ck	F-14	localities on map.		Eocene	Weddle		
29099	Fresno	Tumey Hills?	267	*10-9	N of Panoche Ck	F-14	Possibly all		Eocene	Weddle		
29100	Fresno	Tumey Hills?	267	*10-10	N of Panoche Ck	F-14	Section 10		Eocene	Weddle		
29101	Fresno	Tumey Hills?	267	*10-11	N of Panoche Ck	F-14			Eocene	Weddle		
29102	Fresno	Tumey Hills?	267	*10-12	N of Panoche Ck	F-14			Eocene	Weddle		
29103	Fresno	Tumey Hills?	267	*10-13	N of Panoche Ck	F-14			Eocene	Weddle		
29104	Fresno	Tumey Hills?	267	*10-14	N of Panoche Ck	F-14			Eocene	Weddle		
29105	Fresno	Tumey Hills?	267	*10-15	N of Panoche Ck	F-14			Eocene	Weddle		
29106	Fresno	Tumey Hills?	267	*10-16	N of Panoche Ck	F-14			Eocene	Weddle		
29107	Fresno	Tumey Hills?	267	*10-17	N of Panoche Ck	F-14			Eocene	Weddle		
29108	Fresno	Tumey Hills?	3210		not on map	29-K	slide says Coalinga		Upper Cretaceous	Porter		
29109	Fresno	Tumey Hills?	3213		not on map	29-K	slide says Coalinga		barren	Porter		
29110	Fresno	Tumey Hills?	3214		not on map	29-K	slide says Coalinga		not diagnostic	Porter		
29111	Fresno	Tumey Hills?	3215		not on map	29-K	slide says Coalinga		not diagnostic	Porter		
29112	Fresno	Tumey Hills?	3216		not on map	29-K	slide says Coalinga		not diagnostic	Porter		
29113	Fresno	Tumey Hills?	3217		not on map	29-K	slide says Coalinga		Upper Cretaceous	Porter		
29114	Fresno	Tumey Hills?	3218		not on map	29-K	slide says Coalinga		Upper Cretaceous	Porter		
29115	Fresno	Tumey Hills?	3220		not on map	29-K	slide says Coalinga		Upper Cretaceous	Porter		
29116	Fresno	Tumey Hills?	3221		not on map	29-K	slide says Coalinga		not diagnostic	Porter		
29117	San Benito	Tumey Hills?	3250		not found	29-K	slide says Coalinga		barren	Porter		
29118	San Benito	Tumey Hills?	3252		not found	29-K			no paleo info	Porter		
29119	San Benito	Tumey Hills?	3254		not found	29-K			U Cret D-1 zone	Porter		
29120	Orange	Tustin	654	6	Bonita Creek	73-F	Strat column and		Middle Miocene			
29121	Orange	Tustin	654	27	Bonita Creek	73-F	foram check list		Saucesian			
29122	Orange	Tustin	654	33	Bonita Creek	73-F			Saucesian			
29123	Orange	Tustin	654	34	Bonita Creek	73-F			Saucesian			
29124	Orange	Tustin	654	35	Bonita Creek	73-F			no paleo info			
29125	Orange	Tustin	654	36	Bonita Creek	73-F			no paleo info			
29126	Orange	Tustin	654	40	Bonita Creek	73-F			no paleo info			
29127	Orange	Tustin	654	41	Bonita Creek	73-F			no paleo info			
29128	Orange	Tustin	654	43	Coyote Canyon	73-F			Saucesian			
29129	Orange	Tustin	654	45A	Coyote Canyon	73-F			Saucesian			
29130	Orange	Tustin	654	47	Coyote Canyon	73-F			Saucesian			
29131	Orange	Tustin	654	48	Coyote Canyon	73-F			Saucesian			
29132	Orange	Tustin	654	49	Coyote Canyon	73-F			Saucesian			
29133	Orange	Tustin	8516		NW part of quad	73-C		age from map	Luisian			
29134	Orange	Tustin	8518		NW part of quad	73-C		age from map	Luisian			
29135	San Luis Obispo	Twitchell Dam	3933		NE corner of quad	163-I			no paleo info			
29136	San Luis Obispo	Twitchell Dam	3934		center of quad	163-I			no paleo info			
29137	San Luis Obispo	Twitchell Dam	3936		WC part of quad	163-I			no paleo info			
29138	Santa Barbara	Twitchell Dam	588	1	SE part of quad	64-I			barren			
29139	Santa Barbara	Twitchell Dam	588	2	SE part of quad	64-I			barren			
29140	Santa Barbara	Twitchell Dam	588	3	SE part of quad	64-I			Luisian			
29141	Santa Barbara	Twitchell Dam	588	5	SE part of quad	64-I			Miocene			
29142	Santa Barbara	Twitchell Dam	588	9	SE part of quad	64-I			Miocene			
29143	Santa Barbara	Twitchell Dam	588	10	SE part of quad	64-I			Miocene			
29144	Santa Barbara	Twitchell Dam	588	11	SE part of quad	64-I			Miocene			
29145	Santa Barbara	Twitchell Dam	588	14	SE part of quad	64-I			not diagnostic			
29146	San Luis Obispo	Twitchell Dam	1792		NW part of quad	69-C			no paleo info	Newbill		
29147	San Luis Obispo	Twitchell Dam	1793		NW part of quad	69-C			Miocene	Newbill		
29148	San Luis Obispo	Twitchell Dam	1794		NW part of quad	69-C			Saucesian/Relizian	Newbill		
29149	San Luis Obispo	Twitchell Dam	2177		NW corner of quad	69-H			Lower Relizian			
29150	San Luis Obispo	Twitchell Dam	2178		NW corner of quad	69-H			Saucesian/Relizian			
29151	San Luis Obispo	Twitchell Dam	3942		Nr Twitchell Dam	69-J			Zemorrian	Kraetsch		
29152	San Luis Obispo	Twitchell Dam	3943		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		
29153	San Luis Obispo	Twitchell Dam	3944		Nr Twitchell Dam	69-J			Zemorrian	Kraetach		
29154	San Luis Obispo	Twitchell Dam	3945		center of quad	69-J			poss U Miocene	Kraetach		
29155	San Luis Obispo	Twitchell Dam	3946		center of quad	69-J			Lower Miocene	Kraetach		
29156	San Luis Obispo	Twitchell Dam	7186		Near Cuyama Riv	63-E			Luisian			
29157	San Luis Obispo	Twitchell Dam	7193		center of quad	65-J			no paleo info			
29158	San Luis Obispo	Twitchell Dam	7195		center of quad	65-J			no paleo info			
29159	Ventura	Val Verde	28	5	S of Pioneer	D-3			no paleo info			
29160	Ventura	Val Verde	36	1	NW part of quad	37-A			no age provided			
29161	Ventura	Val Verde	36	2	NW part of quad	37-A			no age provided			
29162	Ventura	Val Verde	36	3	NW part of quad	37-A			no age provided			
29163	Ventura	Val Verde	36	4	NW part of quad	37-A			no age provided			
29164	Ventura	Val Verde	36	5	NW part of quad	37-A			no age provided			
29165	Ventura	Val Verde	36	6	NW part of quad	37-A			no age provided			
29166	Ventura	Val Verde	36	7	NW part of quad	37-A			no age provided			
29167	Ventura	Val Verde	36	8	NW part of quad	37-A			no age provided			
29168	Ventura	Val Verde	36	9	NW part of quad	37-A			no age provided			
29169	Ventura	Val Verde	36	9.5	NW part of quad	37-A			no age provided			
29170	Ventura	Val Verde	36	10	NW part of quad	37-A			no age provided			
29171	Ventura	Val Verde	36	11	NW part of quad	37-A			no age provided			
29172	Ventura	Val Verde	36	12	NW part of quad	37-A			no age provided			
29173	Ventura	Val Verde	36	13A	NW part of quad	37-A			no age provided			
29174	Ventura	Val Verde	36	13B	NW part of quad	37-A			no age provided			
29175	Ventura	Val Verde	36	14	NW part of quad	37-A			no age provided			
29176	Ventura	Val Verde	36	15	NW part of quad	37-A			no age provided			
29177	Ventura	Val Verde	36	16	NW part of quad	37-A			no age provided			
29178	Ventura	Val Verde	36	16A	NW part of quad	37-A			no age provided			
29179	Ventura	Val Verde	36	16B	NW part of quad	37-A			no age provided			
29180	Ventura	Val Verde	36	17	NW part of quad	37-A			no age provided			
29181	Ventura	Val Verde	36	18	NW part of quad	37-A			no age provided			
29182	Ventura	Val Verde	36	18A	NW part of quad	37-A			no age provided			
29183	Ventura	Val Verde	36	18B	NW part of quad	37-A			no age provided			
29184	Ventura	Val Verde	36	19	NW part of quad	37-A			no age provided			
29185	Ventura	Val Verde	36	20	NW part of quad	37-A			no age provided			
29186	Ventura	Val Verde	36	21	NW part of quad	37-A			no age provided			
29187	Ventura	Val Verde	36	22	NW part of quad	37-A			no age provided			
29188	Ventura	Val Verde	36	23	NW part of quad	37-A			no age provided			
29189	Ventura	Val Verde	36	24	NW part of quad	37-A			no age provided			
29190	Ventura	Val Verde	36	25	NW part of quad	37-A			no age provided			
29191	Ventura	Val Verde	36	25A	NW part of quad	37-A			no age provided			
29192	Ventura	Val Verde	36	26	NW part of quad	37-A			no age provided			
29193	Ventura	Val Verde	36	27	NW part of quad	37-A			no age provided			
29194	Ventura	Val Verde	36	28	NW part of quad	37-A			no age provided			
29195	Ventura	Val Verde	36	29	NW part of quad	37-A			no age provided			
29196	Ventura	Val Verde	36	30	NW part of quad	37-A			no age provided			
29197	Ventura	Val Verde	36	30A	NW part of quad	37-A			no age provided			
29198	Ventura	Val Verde	36	31	NW part of quad	37-A			no age provided			
29199	Ventura	Val Verde	36	32A	NW part of quad	37-A			no age provided			
29200	Ventura	Val Verde	36	32B	NW part of quad	37-A			no age provided			
29201	Ventura	Val Verde	36	32C	NW part of quad	37-A			no age provided			
29202	Ventura	Val Verde	36	32D	NW part of quad	37-A			no age provided			
29203	Ventura	Val Verde	36	32E	NW part of quad	37-A			no age provided			
29204	Ventura	Val Verde	36	33A	NW part of quad	37-A			no age provided			
29205	Ventura	Val Verde	36	33B	NW part of quad	37-A			no age provided			
29206	Ventura	Val Verde	36	33C	NW part of quad	37-A			no age provided			
29207	Ventura	Val Verde	36	34A	NW part of quad	37-A			no age provided			
29208	Ventura	Val Verde	36	34B	NW part of quad	37-A			no age provided			
29209	Ventura	Val Verde	36	35A	NW part of quad	37-A			no age provided			
29210	Ventura	Val Verde	36	35B	NW part of quad	37-A			no age provided			
29211	Ventura	Val Verde	36	36	NW part of quad	37-B			no age provided			
29212	Ventura	Val Verde	36	37	NW part of quad	37-B			no age provided			
29213	Ventura	Val Verde	36	38A	NW part of quad	37-B			no age provided			
29214	Ventura	Val Verde	36	38B	NW part of quad	37-B			no age provided			
29215	Ventura	Val Verde	36	39	NW part of quad	37-B			no age provided			
29216	Ventura	Val Verde	36	40	NW part of quad	37-B			no age provided			
29217	Ventura	Val Verde	36	41	NW part of quad	37-B			no age provided			
29218	Ventura	Val Verde	36	42	NW part of quad	37-B			no age provided			
29219	Ventura	Val Verde	36	43A	NW part of quad	37-B			no age provided			
29220	Ventura	Val Verde	36	43B	NW part of quad	37-B			no age provided			
29221	Ventura	Val Verde	36	44	NW part of quad	37-B			no age provided			
29222	Ventura	Val Verde	36	45	NW part of quad	37-B			no age provided			
29223	Ventura	Val Verde	36	46	NW part of quad	37-B			no age provided			
29224	Ventura	Val Verde	36	50	NW part of quad	37-B			no age provided			
29225	Ventura	Val Verde	36	51	NW part of quad	37-B			no age provided			
29226	Ventura	Val Verde	36	52	NW part of quad	37-B			no age provided			
29227	Ventura	Val Verde	36	53	NW part of quad	37-B			no age provided			
29228	Ventura	Val Verde	36	54A	NW part of quad	37-B			no age provided			
29229	Ventura	Val Verde	36	54B	NW part of quad	37-B			no age provided			
29230	Ventura	Val Verde	36	55	NW part of quad	37-B			no age provided			
29231	Ventura	Val Verde	36	57	NW part of quad	37-B			no age provided			
29232	Ventura	Val Verde	36	58	NW part of quad	37-B			no age provided			
29233	Ventura	Val Verde	36	59	NW part of quad	37-B			no age provided			
29234	Ventura	Val Verde	36	60	NW part of quad	37-B			no age provided			
29235	Ventura	Val Verde	36	61A	NW part of quad	37-B			no age provided			
29236	Ventura	Val Verde	36	61	NW part of quad	37-B			no age provided			
29237	Ventura	Val Verde	36	6262A	NW part of quad	37-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		
29238	Ventura	Val Verde	36	63	NW part of quad	37-B						no age provided
29239	Ventura	Val Verde	36	63A	NW part of quad	37-B						no age provided
29240	Ventura	Val Verde	36	64	NW part of quad	37-B						no age provided
29241	Ventura	Val Verde	36	64A	NW part of quad	37-B						no age provided
29242	Ventura	Val Verde	36	65	NW part of quad	37-B						no age provided
29243	Ventura	Val Verde	36	65A	NW part of quad	37-B						no age provided
29244	Ventura	Val Verde	36	66	NW part of quad	37-B						no age provided
29245	Ventura	Val Verde	36	66A	NW part of quad	37-B						no age provided
29246	Ventura	Val Verde	36	67	NW part of quad	37-B						no age provided
29247	Ventura	Val Verde	36	68	NW part of quad	37-B						no age provided
29248	Ventura	Val Verde	36	69	NW part of quad	37-B						no age provided
29249	Ventura	Val Verde	36	69A	NW part of quad	37-B						no age provided
29250	Ventura	Val Verde	36	69A	NW part of quad	37-B						no age provided
29251	Ventura	Val Verde	36	70	NW part of quad	37-B						no age provided
29252	Ventura	Val Verde	36	71	NW part of quad	37-B						no age provided
29253	Ventura	Val Verde	36	72	NW part of quad	37-B						no age provided
29254	Ventura	Val Verde	36	73	NW part of quad	37-B						no age provided
29255	Ventura	Val Verde	36	74	NW part of quad	37-B						no age provided
29256	Ventura	Val Verde	36	75	NW part of quad	37-B						no age provided
29257	Ventura	Val Verde	36	80	NW part of quad	37-C						no age provided
29258	Ventura	Val Verde	36	81	NW part of quad	37-C						no age provided
29259	Ventura	Val Verde	36	82	NW part of quad	37-C						no age provided
29260	Ventura	Val Verde	36	83	NW part of quad	37-C						no age provided
29261	Ventura	Val Verde	36	84	NW part of quad	37-C						no age provided
29262	Ventura	Val Verde	36	85	NW part of quad	37-C						no age provided
29263	Ventura	Val Verde	36	86	NW part of quad	37-C						no age provided
29264	Ventura	Val Verde	36	86RW	NW part of quad	27-E						no age provided
29265	Ventura	Val Verde	36	86RW	NW part of quad	27-E						no age provided
29266	Ventura	Val Verde	36	87	NW part of quad	37-C						no age provided
29267	Ventura	Val Verde	36	88	NW part of quad	37-C						no age provided
29268	Ventura	Val Verde	36	89	NW part of quad	37-C						no age provided
29269	Ventura	Val Verde	36	90	NW part of quad	37-C						no age provided
29270	Ventura	Val Verde	36	91	NW part of quad	37-C						no age provided
29271	Ventura	Val Verde	36	92	NW part of quad	37-C						no age provided
29272	Ventura	Val Verde	36	93	NW part of quad	37-C						no age provided
29273	Ventura	Val Verde	36	94	NW part of quad	37-C						no age provided
29274	Ventura	Val Verde	36	95	NW part of quad	37-C						no age provided
29275	Ventura	Val Verde	36	96	NW part of quad	37-C						no age provided
29276	Ventura	Val Verde	36	97	NW part of quad	37-C						no age provided
29277	Ventura	Val Verde	37	1	WC part of quad	36-N						no paleo info
29278	Ventura	Val Verde	37	2	WC part of quad	36-N						no paleo info
29279	Ventura	Val Verde	37	3A	WC part of quad	36-N						no paleo info
29280	Ventura	Val Verde	37	6	WC part of quad	36-N						no paleo info
29281	Ventura	Val Verde	37	7	WC part of quad	36-N						no paleo info
29282	Ventura	Val Verde	38	1	not on map	49-E	card file says both					no age provided
29283	Ventura	Val Verde	38	2	not on map	49-E	Val Verde and					no age provided
29284	Ventura	Val Verde	38	3	not on map	49-E	Whitaker Peak 7.5'					no age provided
29285	Ventura	Val Verde	38	4	not on map	49-E	quads					no age provided
29286	Ventura	Val Verde	38	5	not on map	49-E						no age provided
29287	Ventura	Val Verde	38	6	not on map	49-E						no age provided
29288	Ventura	Val Verde	38	7	not on map	49-E						no age provided
29289	Ventura	Val Verde	38	8	not on map	49-E						no age provided
29290	Ventura	Val Verde	38	9	not on map	49-E						no age provided
29291	Ventura	Val Verde	38	10	not on map	49-E						no age provided
29292	Ventura	Val Verde	38	11	not on map	49-E						no age provided
29293	Ventura	Val Verde	38	12	not on map	49-E						no age provided
29294	Ventura	Val Verde	38	13	not on map	49-E						no age provided
29295	Ventura	Val Verde	38	14	not on map	49-E						no age provided
29296	Ventura	Val Verde	38	15	not on map	49-E						no age provided
29297	Ventura	Val Verde	38	16	not on map	49-E						no age provided
29298	Ventura	Val Verde	38	17	not on map	49-E						no age provided
29299	Ventura	Val Verde	38	18	not on map	49-E						no age provided
29300	Ventura	Val Verde	38	19	not on map	49-E						no age provided
29301	Ventura	Val Verde	38	20	not on map	49-E						no age provided
29302	Ventura	Val Verde	38	21	not on map	49-E						no age provided
29303	Ventura	Val Verde	38	22	not on map	49-E						no age provided
29304	Ventura	Val Verde	38	23	not on map	49-E						no age provided
29305	Ventura	Val Verde	38	24	not on map	49-E						no age provided
29306	Ventura	Val Verde	38	25	not on map	49-E						no age provided
29307	Ventura	Val Verde	38	26	not on map	49-E						no age provided
29308	Ventura	Val Verde	38	27	not on map	49-E						no age provided
29309	Ventura	Val Verde	196	1	Tapo Canyon area	35-N						no age provided
29310	Ventura	Val Verde	196	2	Tapo Canyon area	35-N						no age provided
29311	Ventura	Val Verde	196	3	Tapo Canyon area	35-N						no age provided
29312	Ventura	Val Verde	196	4	Tapo Canyon area	35-N						no age provided
29313	Ventura	Val Verde	196	5	Tapo Canyon area	35-N						no age provided
29314	Ventura	Val Verde	196	6	Tapo Canyon area	35-N						no age provided
29315	Ventura	Val Verde	196	7	Tapo Canyon area	35-N						no age provided
29316	Ventura	Val Verde	196	8	Tapo Canyon area	35-N						no age provided
29317	Ventura	Val Verde	196	9	Tapo Canyon area	35-N						no age provided
29318	Ventura	Val Verde	196	10	Tapo Canyon area	35-N						no age provided
29319	Ventura	Val Verde	2292		SW part of quad	35-N						no paleo info
29320	Ventura	Val Verde	2293		SW part of quad	35-N						no paleo info
29321	Ventura	Val Verde	2293		SW part of quad	35-N						no paleo info
29322	Los Angeles	Val Verde	2309		NW part of quad	18-E						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		
29323	Los Angeles	Val Verde	2310		NW part of quad	18-E			no paleo info			
29324	Ventura	Val Verde	2313		WC part of quad	33-D?			no paleo info			
29325	Ventura	Val Verde	2315		WC part of quad	33-D?			no paleo info			
29326	Ventura	Val Verde	2316		WC part of quad	33-D?			no paleo info			
29327	Ventura	Val Verde	2317		WC part of quad	18-E			no paleo info			
29328	Ventura	Val Verde	2327		WC part of quad	18-E			no paleo info			
29329	Ventura	Val Verde	2328		WC part of quad	18-F			no paleo info	BLC		
29330	Ventura	Val Verde	2329		WC part of quad	18-F			no paleo info	BLC		
29331	Ventura	Val Verde	2330		WC part of quad	18-F			no paleo info	BLC		
29332	Ventura	Val Verde	2331		WC part of quad	18-F			no paleo info	BLC		
29333	Ventura	Val Verde	2332	A	WC part of quad	18-F			no paleo info	BLC		
29334	Ventura	Val Verde	2332	B	WC part of quad	18-F			no paleo info	BLC		
29335	Ventura	Val Verde	2333		WC part of quad	18-F			no paleo info	BLC		
29336	Ventura	Val Verde	2334		WC part of quad	18-F			no paleo info	BLC		
29337	Ventura	Val Verde	2335		WC part of quad	18-F			no paleo info	BLC		
29338	Los Angeles	Val Verde	2625		center of quad	89-M			no paleo info	Papp		
29339	Los Angeles	Val Verde	2628		center of quad	89-M			no paleo info	Cook		
29340	Los Angeles	Val Verde	2629		center of quad	89-M			no paleo info	Cook		
29341	Los Angeles	Val Verde	2630	B	center of quad	89-M			no paleo info	Cook		
29342	Los Angeles	Val Verde	2630	C	center of quad	89-M			no paleo info	Cook		
29343	Ventura	Val Verde	2631		SC part of quad	89-M			no paleo info	Cook		
29344	Ventura	Val Verde	2632		SC part of quad	89-M			no paleo info	Cook		
29345	Ventura	Val Verde	2633		SC part of quad	31-K			no paleo info			
29346	Ventura	Val Verde	2634		Mayo spur area	31-K			no paleo info			
29347	Ventura	Val Verde	2635		Mayo spur area	31-K			no paleo info			
29348	Los Angeles	Val Verde	2651		Mayo spur area	31-K			no paleo info			
29349	Los Angeles	Val Verde	2651	A	Mayo spur area	37-E			no paleo info			
29350	Los Angeles	Val Verde	2751	B	Mayo spur area	37-E			no paleo info			
29351	Los Angeles	Val Verde	2651	C	Mayo spur area	37-E			no paleo info			
29352	Los Angeles	Val Verde	2751	D	Mayo spur area	37-E			no paleo info			
29353	Los Angeles	Val Verde	2651	E	Mayo spur area	37-E			no paleo info			
29354	Los Angeles	Val Verde	2651	RS	Mayo spur area	37-E			no paleo info			
29355	Los Angeles	Val Verde	2652	A	Mayo spur area	37-E			no paleo info			
29356	Los Angeles	Val Verde	2652	B	Mayo spur area	37-E			no paleo info			
29357	Los Angeles	Val Verde	2652	1	Mayo spur area	31-K			no paleo info			
29358	Los Angeles	Val Verde	2652	2	Mayo spur area	31-K			no paleo info			
29359	Los Angeles	Val Verde	2652	3	Mayo spur area	31-K			no paleo info			
29360	Los Angeles	Val Verde	2653		Mayo spur area	37-E			no paleo info			
29361	Los Angeles	Val Verde	2653	A	Mayo spur area	37-E			no paleo info			
29362	Los Angeles	Val Verde	2653	B	Mayo spur area	37-E			no paleo info			
29363	Ventura	Val Verde	2663		Holser Cyn area	37-E			no paleo info			
29364	Ventura	Val Verde	2664		Tapo Canyon	35-N			no paleo info			
29365	Ventura	Val Verde	2665		Tapo Canyon	35-N			no paleo info			
29366	Ventura	Val Verde	2666		Tapo Canyon	35-N			no paleo info			
29367	Ventura	Val Verde	2667		Tapo Canyon	35-N			no paleo info			
29368	Ventura	Val Verde	2667	2	Tapo Canyon	35-N			no paleo info			
29369	Ventura	Val Verde	2668		Tapo Canyon	35-N			no paleo info			
29370	Ventura	Val Verde	2668	A	Tapo Canyon	35-N			no paleo info			
29371	Ventura	Val Verde	2668	B	Tapo Canyon	35-N			no paleo info			
29372	Ventura	Val Verde	2668	C	Tapo Canyon	35-N			no paleo info			
29373	Ventura	Val Verde	2669		not found	35-N			no paleo info			
29374	Ventura	Val Verde	2780		Tapo Canyon	33-E			no paleo info			
29375	Ventura	Val Verde	2781		Tapo Canyon	33-E			no paleo info			
29376	Ventura	Val Verde	2782		Mayo Spur area	33-E			no paleo info			
29377	Los Angeles	Val Verde	2783		Mayo Spur area	33-E			no paleo info			
29378	Los Angeles	Val Verde	2784		Mayo Spur area	33-E			no paleo info			
29379	Los Angeles	Val Verde	2785		Mayo Spur area	33-E			no paleo info			
29380	Los Angeles	Val Verde	2786		S Martinez G Cyn	33-E			no paleo info			
29381	Ventura	Val Verde	2788		Mayo Spur area	33-E			no paleo info			
29382	Ventura	Val Verde	2789		Mayo Spur area	33-E			no paleo info			
29383	Ventura	Val Verde	3738	A	Lechler Canyon	37-N			no paleo info			
29384	Ventura	Val Verde	3738	B	Lechler Canyon	37-N			no paleo info			
29385	Ventura	Val Verde	3738	C	Lechler Canyon	37-N			no paleo info			
29386	Ventura	Val Verde	3739		Lechler Canyon	37-N			no paleo info			
29387	Ventura	Val Verde	3739		Lechler Canyon	37-N			no paleo info			
29388	Ventura	Val Verde	3740	1	Lechler Canyon	37-N			no paleo info			
29389	Ventura	Val Verde	3740	2	Lechler Canyon	37-N			no paleo info			
29390	Ventura	Val Verde	3741		Lechler Canyon	37-N			no paleo info			
29391	Ventura	Val Verde	3742		Lechler Canyon	37-N			no paleo info			
29392	Ventura	Val Verde	3743		Lechler Canyon	37-N			no paleo info			
29393	Ventura	Val Verde	3744		Lechler Canyon	37-N			no paleo info			
29394	Ventura	Val Verde	3745		Lechler Canyon	37-N			no paleo info			
29395	Ventura	Val Verde	3748		Lechler Canyon	37-N			no paleo info			
29396	Ventura	Val Verde	3748	3	Lechler Canyon	4-N			no paleo info			
29397	Ventura	Val Verde	3749		Lechler Canyon	37-N			no paleo info			
29398	Ventura	Val Verde	5007	A	Holser Canyon	37-N			no paleo info			
29399	Ventura	Val Verde	5007	B	Holser Canyon	37-N			no paleo info			
29400	Ventura	Val Verde	5007	C	Holser Canyon	37-N			no paleo info			
29401	Ventura	Val Verde	5007	D	Holser Canyon	37-N			no paleo info			
29402	Ventura	Val Verde	5007	D-1	Holser Canyon	37-N			no paleo info			
29403	Ventura	Val Verde	5007	D-2	Holser Canyon	37-N			no paleo info			
29404	Ventura	Val Verde	5023		WC part of quad	37-N			no paleo info			
29405	Ventura	Val Verde	5024		WC part of quad	37-F			no paleo info			
29406	Ventura	Val Verde	5035		Holser Canyon	37-F			no paleo info			
29407	Ventura	Val Verde	5036	A-1	Holser Canyon	37-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		
29493	Los Angeles	Van Nuys	208	44	SC part of quad	59-A	Benedict Canyon	Modelo Fm	Miocene			
29494	Los Angeles	Van Nuys	208	45	SC part of quad	59-A	Benedict Canyon	Modelo Fm	Miocene			
29495	Los Angeles	Van Nuys	208	46	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene			
29496	Los Angeles	Van Nuys	208	47	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene			
29497	Los Angeles	Van Nuys	208	48	SC part of quad	43-H	Benedict Canyon	Modelo Fm	Miocene			
29498	Los Angeles	Van Nuys	208	59	SC part of quad	59-A	Benedict Canyon	Modelo Fm	Miocene			
29499	Los Angeles	Van Nuys	208	63	SC part of quad	59-A	Benedict Canyon	Modelo Fm	Miocene			
29500	Los Angeles	Van Nuys	208	64	SC part of quad	59-A	Benedict Canyon	Modelo Fm	Miocene			
29501	Los Angeles	Van Nuys	208	68	SC part of quad	59-A	Benedict Canyon	Modelo Fm	Miocene			
29502	Los Angeles	Van Nuys	334	6	SE corner of quad	45-N			not diagnostic	Paap		
29503	Los Angeles	Van Nuys	334	14	SE corner of quad	45-N			Mohnian	Paap		
29504	Los Angeles	Van Nuys	334	15	SE corner of quad	45-N			Mohnian	Paap		
29505	Los Angeles	Van Nuys	334	17	SE corner of quad	45-N			Mohnian	Paap		
29506	Los Angeles	Van Nuys	337	2	Encino	59-A	Encino		no age provided			
29507	Los Angeles	Van Nuys	337	4	Encino	59-A			no age provided			
29508	Los Angeles	Van Nuys	337	5	Encino	59-A			no age provided			
29509	Los Angeles	Van Nuys	337	6	Encino	59-A			no age provided			
29510	Los Angeles	Van Nuys	337	7	Encino	59-A			no age provided			
29511	Los Angeles	Van Nuys	337	8	Encino	59-A			no age provided			
29512	Los Angeles	Van Nuys	337	9A	Encino	59-A			no age provided			
29513	Los Angeles	Van Nuys	404	7	SW part of quad	59-B	Ages are from a		Lower Mohnian			
29514	Los Angeles	Van Nuys	404	9	SW part of quad	59-B	strat column		Lower Mohnian			
29515	Los Angeles	Van Nuys	404	11	SW part of quad	59-B	and foram check		Lower Mohnian			
29516	Los Angeles	Van Nuys	404	13	SW part of quad	59-B	list. All slides are		Lower Mohnian			
29517	Los Angeles	Van Nuys	404	15	SW part of quad	59-B	from the Modelo		Lower Mohnian			
29518	Los Angeles	Van Nuys	404	17	SW part of quad	59-B	Formation of Upper		Lower Mohnian			
29519	Los Angeles	Van Nuys	404	19	SW part of quad	59-B	Miocene age		Lower Mohnian			
29520	Los Angeles	Van Nuys	404	20	SW part of quad	59-B			Lower Mohnian			
29521	Los Angeles	Van Nuys	404	21	SW part of quad	59-B			Lower Mohnian			
29522	Los Angeles	Van Nuys	404	22	SW part of quad	59-B			Lower Mohnian			
29523	Los Angeles	Van Nuys	404	23	SW part of quad	59-B			Lower Mohnian			
29524	Los Angeles	Van Nuys	404	24	SW part of quad	59-B			Lower Mohnian			
29525	Los Angeles	Van Nuys	404	25	SW part of quad	59-B			Lower Mohnian			
29526	Los Angeles	Van Nuys	404	26	SW part of quad	59-B			Lower Mohnian			
29527	Los Angeles	Van Nuys	404	26A	SW part of quad	59-B			Lower Mohnian			
29528	Los Angeles	Van Nuys	404	27	SW part of quad	59-B			Lower Mohnian			
29529	Los Angeles	Van Nuys	404	28	SW part of quad	59-B			Lower Mohnian			
29530	Los Angeles	Van Nuys	404	28A	SW part of quad	59-B			Lower Mohnian			
29531	Los Angeles	Van Nuys	404	29	SW part of quad	59-B			Lower Mohnian			
29532	Los Angeles	Van Nuys	404	30	SW part of quad	59-B			Lower Mohnian			
29533	Los Angeles	Van Nuys	404	31	SW part of quad	59-B			Lower Mohnian			
29534	Los Angeles	Van Nuys	404	32	SW part of quad	59-B			Lower Mohnian			
29535	Los Angeles	Van Nuys	404	33	SW part of quad	59-B			Lower Mohnian			
29536	Los Angeles	Van Nuys	404	34	SW part of quad	59-B			Lower Mohnian			
29537	Los Angeles	Van Nuys	404	35	SW part of quad	59-B			Lower Mohnian			
29538	Los Angeles	Van Nuys	404	35A	SW part of quad	59-B			Lower Mohnian			
29539	Los Angeles	Van Nuys	404	36	SW part of quad	59-B			Lower Mohnian			
29540	Los Angeles	Van Nuys	404	37	SW part of quad	59-B			Lower Mohnian			
29541	Los Angeles	Van Nuys	404	38	SW part of quad	59-B			Lower Mohnian			
29542	Los Angeles	Van Nuys	404	38A	SW part of quad	59-B			Lower Mohnian			
29543	Los Angeles	Van Nuys	404	38	SW part of quad	59-B			Lower Mohnian			
29544	Los Angeles	Van Nuys	404	39	SW part of quad	59-B			Middle Mohnian			
29545	Los Angeles	Van Nuys	404	39A	SW part of quad	59-B			Middle Mohnian			
29546	Los Angeles	Van Nuys	404	40	SW part of quad	59-B			Middle Mohnian			
29547	Los Angeles	Van Nuys	404	41	SW part of quad	59-B			Middle Mohnian			
29548	Los Angeles	Van Nuys	404	42	SW part of quad	59-B			Middle Mohnian			
29549	Los Angeles	Van Nuys	404	42	SW part of quad	59-B			Middle Mohnian			
29550	Los Angeles	Van Nuys	404	43	SW part of quad	59-B			Middle Mohnian			
29551	Los Angeles	Van Nuys	404	43	SW part of quad	59-B			Middle Mohnian			
29552	Los Angeles	Van Nuys	404	43A	SW part of quad	59-B			Middle Mohnian			
29553	Los Angeles	Van Nuys	404	44	SW part of quad	59-B			Middle Mohnian			
29554	Los Angeles	Van Nuys	404	45	SW part of quad	59-B			Middle Mohnian			
29555	Los Angeles	Van Nuys	404	46	SW part of quad	59-B			Middle Mohnian			
29556	Los Angeles	Van Nuys	404	47	SW part of quad	59-B			Middle Mohnian			
29557	Los Angeles	Van Nuys	404	47A	SW part of quad	59-B			Middle Mohnian			
29558	Los Angeles	Van Nuys	404	48	SW part of quad	59-B			Middle Mohnian			
29559	Los Angeles	Van Nuys	404	48	SW part of quad	59-B			Middle Mohnian			
29560	Los Angeles	Van Nuys	404	*48-1	SW part of quad	59-C			Middle Mohnian			
29561	Los Angeles	Van Nuys	404	*48-1	SW part of quad	59-C			Middle Mohnian			
29562	Los Angeles	Van Nuys	404	48A	SW part of quad	59-C			Middle Mohnian			
29563	Los Angeles	Van Nuys	404	49	SW part of quad	59-C			Middle Mohnian			
29564	Los Angeles	Van Nuys	404	50	SW part of quad	59-C			Middle Mohnian			
29565	Los Angeles	Van Nuys	404	51	SW part of quad	59-C			Middle Mohnian			
29566	Los Angeles	Van Nuys	404	52	SW part of quad	59-C			Middle Mohnian			
29567	Los Angeles	Van Nuys	404	53	SW part of quad	59-C			Middle Mohnian			
29568	Los Angeles	Van Nuys	404	54	SW part of quad	59-C			Middle Mohnian			
29569	Los Angeles	Van Nuys	404	55	SW part of quad	59-C			Middle Mohnian			
29570	Los Angeles	Van Nuys	404	56	SW part of quad	59-C			Middle Mohnian			
29571	Los Angeles	Van Nuys	404	57	SW part of quad	59-C			Middle Mohnian			
29572	Los Angeles	Van Nuys	404	58	SW part of quad	59-C			Middle Mohnian			
29573	Los Angeles	Van Nuys	404	59	SW part of quad	59-C			Middle Mohnian			
29574	Los Angeles	Van Nuys	404	60	SW part of quad	59-C			Middle Mohnian			
29575	Los Angeles	Van Nuys	404	61	SW part of quad	59-C			Middle Mohnian			
29576	Los Angeles	Van Nuys	404	62	SW part of quad	59-C			Middle Mohnian			
29577	Los Angeles	Van Nuys	404	63	SW part of quad	59-C			Middle 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	MISC	ZONE/SERIES/AGI	COLLECTORS		
29833	Los Angeles	Van Nuys	404	267	SW part of quad	59-H				Upper Mohnian		
29834	Los Angeles	Van Nuys	404	267A	SW part of quad	59-H				Upper Mohnian		
29835	Los Angeles	Van Nuys	404	267B	SW part of quad	59-H				Upper Mohnian		
29836	Los Angeles	Van Nuys	404	268	SW part of quad	59-H				Upper Mohnian		
29837	Los Angeles	Van Nuys	404	269	SW part of quad	59-H				Upper Mohnian		
29838	Los Angeles	Van Nuys	404	270	SW part of quad	59-H				Upper Mohnian		
29839	Los Angeles	Van Nuys	404	270A	SW part of quad	59-H				Upper Mohnian		
29840	Los Angeles	Van Nuys	404	271	SW part of quad	59-H				Upper Mohnian		
29841	Los Angeles	Van Nuys	404	272	SW part of quad	59-H				Upper Mohnian		
29842	Los Angeles	Van Nuys	408	1	SW part of quad	59-L				no paleo data		
29843	Los Angeles	Van Nuys	408	2	SW part of quad	59-L				no paleo data		
29844	Los Angeles	Van Nuys	408	3	SW part of quad	59-L				no paleo data		
29845	Los Angeles	Van Nuys	408	4	SW part of quad	59-L				no paleo data		
29846	Los Angeles	Van Nuys	408	5	SW part of quad	59-L				no paleo data		
29847	Los Angeles	Van Nuys	408	5A	SW part of quad	59-L				no paleo data		
29848	Los Angeles	Van Nuys	408	6	SW part of quad	59-L				no paleo data		
29849	Los Angeles	Van Nuys	408	6A	SW part of quad	59-L				no paleo data		
29850	Los Angeles	Van Nuys	408	7	SW part of quad	59-L				no paleo data		
29851	Los Angeles	Van Nuys	408	8	SW part of quad	59-L				no paleo data		
29852	Los Angeles	Van Nuys	408	9	SW part of quad	59-L				no paleo data		
29853	Los Angeles	Van Nuys	408	10	SW part of quad	59-L				no paleo data		
29854	Los Angeles	Van Nuys	408	10A	SW part of quad	59-L				no paleo data		
29855	Los Angeles	Van Nuys	408	10B	SW part of quad	59-L				no paleo data		
29856	Los Angeles	Van Nuys	408	10C	SW part of quad	59-L				no paleo data		
29857	Los Angeles	Van Nuys	408	11	SW part of quad	59-L				no paleo data		
29858	Los Angeles	Van Nuys	408	12	SW part of quad	59-L				no paleo data		
29859	Los Angeles	Van Nuys	408	13	SW part of quad	59-L				no paleo data		
29860	Los Angeles	Van Nuys	408	14	SW part of quad	59-L				no paleo data		
29861	Los Angeles	Van Nuys	408	15	SW part of quad	59-L				no paleo data		
29862	Los Angeles	Van Nuys	408	16	SW part of quad	59-L				no paleo data		
29863	Los Angeles	Van Nuys	408	17	SW part of quad	59-L				no paleo data		
29864	Los Angeles	Van Nuys	408	17A	SW part of quad	59-L				no paleo data		
29865	Los Angeles	Van Nuys	408	17B	SW part of quad	59-L				no paleo data		
29866	Los Angeles	Van Nuys	408	17C	SW part of quad	59-L				no paleo data		
29867	Los Angeles	Van Nuys	408	18	SW part of quad	59-L				no paleo data		
29868	Contra Costa	Van Nuys	408	18A	SW part of quad	59-L				no paleo data		
29869	Los Angeles	Van Nuys	409	2N	SW part of quad	59-H				no paleo data		
29870	Los Angeles	Van Nuys	409	1	SW part of quad	59-H				no paleo data		
29871	Los Angeles	Van Nuys	409	2	SW part of quad	59-H				no paleo data		
29872	Los Angeles	Van Nuys	409	2A	SW part of quad	59-H				no paleo data		
29873	Los Angeles	Van Nuys	409	3	SW part of quad	59-H				no paleo data		
29874	Los Angeles	Van Nuys	409	4	SW part of quad	59-H				no paleo data		
29875	Los Angeles	Van Nuys	409	5	SW part of quad	59-H				no paleo data		
29876	Los Angeles	Van Nuys	409	6	SW part of quad	59-H				no paleo data		
29877	Los Angeles	Van Nuys	409	7	SW part of quad	59-H				no paleo data		
29878	Los Angeles	Van Nuys	409	8	SW part of quad	59-H				no paleo data		
29879	Los Angeles	Van Nuys	409	9	SW part of quad	59-H				no paleo data		
29880	Los Angeles	Van Nuys	409	10	SW part of quad	59-H				no paleo data		
29881	Los Angeles	Van Nuys	409	11	SW part of quad	59-H				no paleo data		
29882	Los Angeles	Van Nuys	409	11A	SW part of quad	59-H				no paleo data		
29883	Los Angeles	Van Nuys	409	12	SW part of quad	59-H				no paleo data		
29884	Los Angeles	Van Nuys	409	13	SW part of quad	59-H				no paleo data		
29885	Los Angeles	Van Nuys	409	13A	SW part of quad	59-H				no paleo data		
29886	Los Angeles	Van Nuys	409	14	SW part of quad	59-H				no paleo data		
29887	Los Angeles	Van Nuys	409	15	SW part of quad	59-H				no paleo data		
29888	Los Angeles	Van Nuys	409	16	SW part of quad	59-H				no paleo data		
29889	Los Angeles	Van Nuys	409	17	SW part of quad	59-H				no paleo data		
29890	Los Angeles	Van Nuys	409	18	SW part of quad	59-H				no paleo data		
29891	Los Angeles	Van Nuys	409	19	SW part of quad	59-H				no paleo data		
29892	Los Angeles	Van Nuys	409	20	SW part of quad	59-H				no paleo data		
29893	Los Angeles	Van Nuys	409	21	SW part of quad	59-H				no paleo data		
29894	Los Angeles	Van Nuys	410	1	SW corner of quad	59-A				no paleo info		
29895	Los Angeles	Van Nuys	410	2	SW corner of quad	59-A				no paleo info		
29896	Los Angeles	Van Nuys	410	3	SW corner of quad	59-A				no paleo info		
29897	Los Angeles	Van Nuys	410	5	SW corner of quad	59-A				no paleo info		
29898	Los Angeles	Van Nuys	410	6	SW corner of quad	59-A				no paleo info		
29899	Los Angeles	Van Nuys	414	1	Mulholland Drive	59-N	see also loc 337			Middle Mohnian		
29900	Los Angeles	Van Nuys	414	2	Mulholland Drive	59-N	strat column			Middle Mohnian		
29901	Los Angeles	Van Nuys	414	3	Mulholland Drive	59-N	and check list			Middle Mohnian		
29902	Los Angeles	Van Nuys	414	4	Mulholland Drive	59-N	strat column			Middle Mohnian		
29903	Los Angeles	Van Nuys	414	5	Mulholland Drive	59-N	strat column			Middle Mohnian		
29904	Los Angeles	Van Nuys	414	7	Mulholland Drive	59-N	strat column			Middle Mohnian		
29905	Los Angeles	Van Nuys	414	8	Mulholland Drive	59-N	strat column			Middle Mohnian		
29906	Los Angeles	Van Nuys	414	9	Mulholland Drive	59-N	strat column			Middle Mohnian		
29907	Los Angeles	Van Nuys	414	10	Mulholland Drive	59-N	strat column			Lower Mohnian		
29908	Los Angeles	Van Nuys	414	11	Mulholland Drive	59-N	strat column			Lower Mohnian		
29909	Los Angeles	Van Nuys	414	12	Mulholland Drive	59-N	strat column			Lower Mohnian		
29910	Los Angeles	Van Nuys	414	13	Mulholland Drive	59-N	strat column			Lower Mohnian		
29911	Los Angeles	Van Nuys	414	14	Mulholland Drive	59-N	strat column			Lower Mohnian		
29912	Los Angeles	Van Nuys	414	15	Mulholland Drive	59-N	strat column			Lower Mohnian		
29913	Los Angeles	Van Nuys	414	16	Mulholland Drive	59-N	strat column			Lower Mohnian		
29914	Los Angeles	Van Nuys	414	17	Mulholland Drive	59-N	strat column			Lower Mohnian		
29915	Los Angeles	Van Nuys	414	18	Mulholland Drive	59-N	strat column			Lower Mohnian		
29916	Los Angeles	Van Nuys	414	19	Mulholland Drive	59-N	strat column			Lower Mohnian		
29917	Los Angeles	Van Nuys	414	20	Mulholland Drive	59-N	strat column			Lower 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	MISC	ZONE/SERIES/AGI	COLLECTORS		
29918	Los Angeles	Van Nuys	414	21	Mulholland Drive	59-N	strat column		Lower Mohnian			
29919	Los Angeles	Van Nuys	414	22	Mulholland Drive	59-N	strat column		Lower Mohnian			
29920	Los Angeles	Van Nuys	414	23	Mulholland Drive	59-N	strat column		Lower Mohnian			
29921	Los Angeles	Van Nuys	414	24	Mulholland Drive	59-N	strat column		Lower Mohnian			
29922	Los Angeles	Van Nuys	414	25	Mulholland Drive	59-N	strat column		Lower Mohnian			
29923	Los Angeles	Van Nuys	414	26	Mulholland Drive	59-N	strat column		Lower Mohnian			
29924	Los Angeles	Van Nuys	414	27	Mulholland Drive	59-N	strat column		Lower Mohnian			
29925	Los Angeles	Van Nuys	414	28	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
29926	Los Angeles	Van Nuys	414	29	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
29927	Los Angeles	Van Nuys	414	30	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
29928	Los Angeles	Van Nuys	414	31	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
29929	Los Angeles	Van Nuys	414	32	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
29930	Los Angeles	Van Nuys	414	33	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
29931	Los Angeles	Van Nuys	414	34	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
29932	Los Angeles	Van Nuys	414	35	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
29933	Los Angeles	Van Nuys	414	36	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
29934	Los Angeles	Van Nuys	414	37	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
29935	Los Angeles	Van Nuys	414	38	Mulholland Drive	59-N	strat column		Luisian/Mohnian			
29936	Los Angeles	Van Nuys	415	7	Laurel Cyn Blvd	62-F			Luisian			
29937	Los Angeles	Van Nuys	415	8	Laurel Cyn Blvd	62-F			no paleo info			
29938	Los Angeles	Van Nuys	415	10	Laurel Cyn Blvd	62-F			no paleo info			
29939	Los Angeles	Van Nuys	415	11	Laurel Cyn Blvd	62-F			no paleo info			
29940	Los Angeles	Van Nuys	415	12	Laurel Cyn Blvd	62-F			no paleo info			
29941	Los Angeles	Van Nuys	415	13	Laurel Cyn Blvd	62-F			no paleo info			
29942	Los Angeles	Van Nuys	415	14	Laurel Cyn Blvd	62-F			Mohnian			
29943	Los Angeles	Van Nuys	415	15	Laurel Cyn Blvd	62-F			Mohnian			
29944	Los Angeles	Van Nuys	415	16	Laurel Cyn Blvd	62-F			Mohnian			
29945	Los Angeles	Van Nuys	415	17	Laurel Cyn Blvd	62-F			Mohnian			
29946	Los Angeles	Van Nuys	415	18	Laurel Cyn Blvd	62-F			Mohnian			
29947	Los Angeles	Van Nuys	415	19	Laurel Cyn Blvd	62-F			Mohnian			
29948	Los Angeles	Van Nuys	415	20	Laurel Cyn Blvd	62-F			Mohnian			
29949	Los Angeles	Van Nuys	415	21	Laurel Cyn Blvd	62-F			no paleo info			
29950	Los Angeles	Van Nuys	415	22	Laurel Cyn Blvd	62-F			no paleo info			
29951	Los Angeles	Van Nuys	415	23	Laurel Cyn Blvd	62-F			no paleo info			
29952	Los Angeles	Van Nuys	415	24	Laurel Cyn Blvd	62-F			no paleo info			
29953	Los Angeles	Van Nuys	415	25	Laurel Cyn Blvd	62-F			no paleo info			
29954	Los Angeles	Van Nuys	415	26	Laurel Cyn Blvd	62-F			Luisian			
29955	Los Angeles	Van Nuys	415	27	Laurel Cyn Blvd	62-F			Luisian			
29956	Los Angeles	Van Nuys	415	28	Laurel Cyn Blvd	62-F			Luisian			
29957	Los Angeles	Van Nuys	415	29	Laurel Cyn Blvd	62-F			Luisian			
29958	Los Angeles	Van Nuys	415	30	Laurel Cyn Blvd	62-F			Luisian			
29959	Los Angeles	Van Nuys	415	31	Laurel Cyn Blvd	62-F			Luisian			
29960	Los Angeles	Van Nuys	415	35	Laurel Cyn Blvd	65-I			Luisian			
29961	Los Angeles	Van Nuys	415	36	Laurel Cyn Blvd	65-I			Mohnian			
29962	Los Angeles	Van Nuys	415	37	Laurel Cyn Blvd	65-I			Mohnian			
29963	Los Angeles	Van Nuys	415	50A	Laurel Cyn Blvd	65-I			Mohnian			
29964	Los Angeles	Van Nuys	415	51A	Laurel Cyn Blvd	65-I			Mohnian			
29965	Los Angeles	Van Nuys	415	52	Laurel Cyn Blvd	65-I			no paleo info			
29966	Los Angeles	Van Nuys	415	53	Laurel Cyn Blvd	65-I			no paleo info			
29967	Los Angeles	Van Nuys	415	54	Laurel Cyn Blvd	65-I			no paleo info			
29968	Los Angeles	Van Nuys	415	55	Laurel Cyn Blvd	65-I			no paleo info			
29969	Los Angeles	Van Nuys	415	56	Laurel Cyn Blvd	65-I			no paleo info			
29970	Los Angeles	Van Nuys	415	61	Laurel Cyn Blvd	65-I			no paleo info			
29971	Los Angeles	Van Nuys	415	62	Laurel Cyn Blvd	65-I			no paleo info			
29972	Los Angeles	Van Nuys	415	63	Laurel Cyn Blvd	65-I			no paleo info			
29973	Los Angeles	Van Nuys	415	64	Laurel Cyn Blvd	65-I			no paleo info			
29974	Los Angeles	Van Nuys	416	3	SE corner of quad	60 I	also has #479-3A		no paleo info			
29975	Los Angeles	Van Nuys	416	6	SE corner of quad	65-C			Relizian			
29976	Los Angeles	Van Nuys	421	1	Coldwater Cyn Dr	60-A	strat column and	transition	Luisian/Mohnian	Gealey &		
29977	Los Angeles	Van Nuys	421	2	Coldwater Cyn Dr	60-A	foram check list	transition	Luisian/Mohnian	Gealey &		
29978	Los Angeles	Van Nuys	421	3	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29979	Los Angeles	Van Nuys	421	4	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29980	Los Angeles	Van Nuys	421	5	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29981	Los Angeles	Van Nuys	421	6	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29982	Los Angeles	Van Nuys	421	7	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29983	Los Angeles	Van Nuys	421	8	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29984	Los Angeles	Van Nuys	421	9	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29985	Los Angeles	Van Nuys	421	10	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29986	Los Angeles	Van Nuys	421	11	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29987	Los Angeles	Van Nuys	421	12	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29988	Los Angeles	Van Nuys	421	13	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29989	Los Angeles	Van Nuys	421	14	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29990	Los Angeles	Van Nuys	421	15	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29991	Los Angeles	Van Nuys	421	16	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29992	Los Angeles	Van Nuys	421	17	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29993	Los Angeles	Van Nuys	421	18	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29994	Los Angeles	Van Nuys	421	19	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29995	Los Angeles	Van Nuys	421	20	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29996	Los Angeles	Van Nuys	421	21	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29997	Los Angeles	Van Nuys	421	22	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29998	Los Angeles	Van Nuys	421	23	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
29999	Los Angeles	Van Nuys	421	24	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
30000	Los Angeles	Van Nuys	421	25	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
30001	Los Angeles	Van Nuys	421	26	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		
30002	Los Angeles	Van Nuys	421	27	Coldwater Cyn Dr	60-A		transition	Luisian/Mohnian	Gealey &		

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		
30173	Los Angeles	Van Nuys	421	216	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
30174	Los Angeles	Van Nuys	421	217	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
30175	Los Angeles	Van Nuys	421	218	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
30176	Los Angeles	Van Nuys	421	220	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
30177	Los Angeles	Van Nuys	421	222	Coldwater Cyn Dr	62-G			no paleo info	Gealey &		
30178	Los Angeles	Van Nuys	424	2	Near Mulholland	59-J	#1-97 on map		Upper Mohnian			
30179	Los Angeles	Van Nuys	424	3	Near Mulholland	59-J	see strat column		Middle Mohnian			
30180	Los Angeles	Van Nuys	424	4	Near Mulholland	59-J	lot #337		Middle Mohnian			
30181	Los Angeles	Van Nuys	424	3A	Near Mulholland	59-J			Middle Mohnian			
30182	Los Angeles	Van Nuys	424	3B	Near Mulholland	59-J			Middle Mohnian			
30183	Los Angeles	Van Nuys	424	3C	Near Mulholland	59-J			Middle Mohnian			
30184	Los Angeles	Van Nuys	424	5	Near Mulholland	59-J			Middle Mohnian			
30185	Los Angeles	Van Nuys	424	6	Near Mulholland	59-J			Middle Mohnian			
30186	Los Angeles	Van Nuys	424	7	Near Mulholland	59-J			Middle Mohnian			
30187	Los Angeles	Van Nuys	424	8	Near Mulholland	59-J			Middle Mohnian			
30188	Los Angeles	Van Nuys	424	9	Near Mulholland	59-J			Lower Mohnian			
30189	Los Angeles	Van Nuys	424	11	Near Mulholland	59-J			Lower Mohnian			
30190	Los Angeles	Van Nuys	424	12	Near Mulholland	59-J			Lower Mohnian			
30191	Los Angeles	Van Nuys	424	12A	Near Mulholland	59-J			Lower Mohnian			
30192	Los Angeles	Van Nuys	424	13	Near Mulholland	59-J			Lower Mohnian			
30193	Los Angeles	Van Nuys	424	13A	Near Mulholland	59-J			Lower Mohnian			
30194	Los Angeles	Van Nuys	424	14	Near Mulholland	59-J			Lower Mohnian			
30195	Los Angeles	Van Nuys	424	15	Near Mulholland	59-J			Lower Mohnian			
30196	Los Angeles	Van Nuys	424	16	Near Mulholland	59-K			Lower Mohnian			
30197	Los Angeles	Van Nuys	424	17	Near Mulholland	59-K			Lower Mohnian			
30198	Los Angeles	Van Nuys	424	17A	Near Mulholland	59-K			Lower Mohnian			
30199	Los Angeles	Van Nuys	424	18	Near Mulholland	59-K			Lower Mohnian			
30200	Los Angeles	Van Nuys	424	18A	Near Mulholland	59-K			Lower Mohnian			
30201	Los Angeles	Van Nuys	424	19	Near Mulholland	59-K			Lower Mohnian			
30202	Los Angeles	Van Nuys	424	19A	Near Mulholland	59-K			Lower Mohnian			
30203	Los Angeles	Van Nuys	424	20	Near Mulholland	59-K			Lower Mohnian			
30204	Los Angeles	Van Nuys	424	21	Near Mulholland	59-K			Lower Mohnian			
30205	Los Angeles	Van Nuys	424	22	Near Mulholland	59-K			Lower Mohnian			
30206	Los Angeles	Van Nuys	424	23	Near Mulholland	59-K			Lower Mohnian			
30207	Los Angeles	Van Nuys	424	24	Near Mulholland	59-K			Lower Mohnian			
30208	Los Angeles	Van Nuys	424	25	Near Mulholland	59-K			Lower Mohnian			
30209	Los Angeles	Van Nuys	424	26	Near Mulholland	59-K			Lower Mohnian			
30210	Los Angeles	Van Nuys	424	27	Near Mulholland	59-K			Lower Mohnian			
30211	Los Angeles	Van Nuys	424	28	Near Mulholland	59-K			Lower Mohnian			
30212	Los Angeles	Van Nuys	424	29	Near Mulholland	59-K		transition	Luisian/Mohnian			
30213	Los Angeles	Van Nuys	424	30	Near Mulholland	59-K		transition	Luisian/Mohnian			
30214	Los Angeles	Van Nuys	425	1	Studio city area	59-H			no paleo info			
30215	Los Angeles	Van Nuys	425	2	Studio city area	59-H			no paleo info			
30216	Los Angeles	Van Nuys	425	3	Studio city area	59-H			no paleo info			
30217	Los Angeles	Van Nuys	425	4	Studio city area	59-H			no paleo info			
30218	Los Angeles	Van Nuys	425	5	Studio city area	59-H			no paleo info			
30219	Los Angeles	Van Nuys	425	6	Studio city area	59-H			no paleo info			
30220	Los Angeles	Van Nuys	425	7	Studio city area	59-H			no paleo info			
30221	Los Angeles	Van Nuys	458	1	Mulholland Drive	59-J			no paleo info			
30222	Los Angeles	Van Nuys	458	2	Mulholland Drive	59-J			no paleo info			
30223	Los Angeles	Van Nuys	458	3	Mulholland Drive	59-J			no paleo info			
30224	Los Angeles	Van Nuys	458	4	Mulholland Drive	59-J			no paleo info			
30225	Los Angeles	Van Nuys	458	5	Mulholland Drive	59-J			no paleo info			
30226	Los Angeles	Van Nuys	458	6	Mulholland Drive	59-J			no paleo info			
30227	Los Angeles	Van Nuys	458	7	Mulholland Drive	59-J			no paleo info			
30228	Los Angeles	Van Nuys	458	7A	Mulholland Drive	59-J			no paleo info			
30229	Los Angeles	Van Nuys	458	7B	Mulholland Drive	59-J			no paleo info			
30230	Los Angeles	Van Nuys	458	7C	Mulholland Drive	59-J			no paleo info			
30231	Los Angeles	Van Nuys	458	7D	Mulholland Drive	59-J			no paleo info			
30232	Los Angeles	Van Nuys	458	8	Mulholland Drive	59-J			no paleo info			
30233	Los Angeles	Van Nuys	458	9	Mulholland Drive	59-J			no paleo info			
30234	Los Angeles	Van Nuys	458	10	Mulholland Drive	59-J			no paleo info			
30235	Los Angeles	Van Nuys	458	11	Mulholland Drive	59-J			no paleo info			
30236	Los Angeles	Van Nuys	570	8	Mulholland Drive	62-I			Miocene			
30237	Los Angeles	Van Nuys	570	9	Mulholland Drive	62-I			Miocene			
30238	Los Angeles	Van Nuys	570	10	Mulholland Drive	62-I			Miocene			
30239	Los Angeles	Van Nuys	570	11	Mulholland Drive	62-I			Miocene			
30240	Los Angeles	Van Nuys	570	12A	Mulholland Drive	62-I			Miocene			
30241	Los Angeles	Van Nuys	570	13	Mulholland Drive	62-I			Miocene			
30242	Los Angeles	Van Nuys	570	14A	Mulholland Drive	62-I			Miocene			
30243	Los Angeles	Van Nuys	570	16A	Mulholland Drive	62-I			Miocene			
30244	Los Angeles	Van Nuys	570	16B	Mulholland Drive	62-I			Miocene			
30245	Los Angeles	Van Nuys	570	17A	Mulholland Drive	62-I			Miocene			
30246	Los Angeles	Van Nuys	570	17B	Mulholland Drive	62-I			barren			
30247	Los Angeles	Van Nuys	570	18A	Mulholland Drive	62-I			Luisian			
30248	Los Angeles	Van Nuys	570	19	Mulholland Drive	62-I			not diagnostic			
30249	Los Angeles	Van Nuys	571	4	Coldwater Canyon	62-C			Luisian			
30250	Los Angeles	Van Nuys	2476		in Encino	14-N			U Mohnian			
30251	Los Angeles	Van Nuys	5428		Nr Beverly Blvd	21-N			no paleo info			
30252	Los Angeles	Van Nuys	5961		SE corner of quad	44-J			no paleo info			
30253	Los Angeles	Van Nuys	5962		SC part of quad	44-J			no paleo info			
30254	Los Angeles	Van Nuys	5963		S of Dixie Cyn Sch	44-J			no paleo info			
30255	Los Angeles	Van Nuys	5964		SE corner of quad	44-J			no paleo info			
30256	Los Angeles	Van Nuys	5965		S of Dixie Cyn Sch	44-J			no paleo info			
30257	Los Angeles	Van Nuys	5965	D	S of Dixie Cyn Sch	44-J			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		
30258	Los Angeles	Van Nuys	5968	M	Republic Studio	44-J						no paleo info
30259	Los Angeles	Van Nuys	5968	T	Republic Studio	44-J						no paleo info
30260	Los Angeles	Van Nuys	5969		Republic Studio	44-J						no paleo info
30261	Los Angeles	Van Nuys	5970		S of Corvallis HS	44-J						no paleo info
30262	Los Angeles	Van Nuys	5971		SE corner of quad	44-J	dupe 5972					no paleo info
30263	Los Angeles	Van Nuys	5972		SE Dixie Cyn Sch	44-J	dupe in Burbank					no paleo info
30264	Los Angeles	Van Nuys	6450		SW of Studio City	60-J						no paleo info
30265	Los Angeles	Van Nuys	6692		S of Encino	37-C		sa 6737-6738				no paleo info
30266	Los Angeles	Van Nuys	6706		not on map	37-C	Hayrenth Rd	see 6739				Middle Miocene
30267	Los Angeles	Van Nuys	6737		Encino area	37-C		see 6692				no paleo info
30268	Los Angeles	Van Nuys	6738		Encino area	37-C		see 6692				no paleo info
30269	Los Angeles	Van Nuys	6739		SW corner quad	37-C	S of Encino	see 6706				no paleo info
30270	Los Angeles	Van Nuys	8773		Mulholland Drive	78-F						no paleo info
30271	Los Angeles	Van Nuys	8775		Mulholland Drive	78-F						no paleo info
30272	Los Angeles	Van Nuys	8797		Encino	79-M						Upper Mohnian
30273	Los Angeles	Van Nuys	8960		S of Encino	79-N						Middle Mohnian
30274	Los Angeles	Van Nuys	8961	2	S of Encino	79-N						Upper Mohnian
30275	Los Angeles	Van Nuys	8962	5	S of Encino	79-N						Middle Mohnian
30276	Ventura	Ventura	9	1	WC part of quad	5-A						no paleo info
30277	Ventura	Ventura	9	2	WC part of quad	5-A						no paleo info
30278	Ventura	Ventura	9	3	WC part of quad	5-A						no paleo info
30279	Ventura	Ventura	9	4	WC part of quad	5-A						no paleo info
30280	Ventura	Ventura	9	5	WC part of quad	5-A						Miocene
30281	Ventura	Ventura	9	6	WC part of quad	5-A						Miocene/Pliocene
30282	Ventura	Ventura	9	7	WC part of quad	5-A						no paleo info
30283	Ventura	Ventura	9	8	WC part of quad	5-A						no paleo info
30284	Ventura	Ventura	9	9	WC part of quad	5-A						no paleo info
30285	Ventura	Ventura	9	10	WC part of quad	5-A						no paleo info
30286	Ventura	Ventura	9	11	WC part of quad	5-A						no paleo info
30287	Ventura	Ventura	9	12	WC part of quad	5-A						no paleo info
30288	Ventura	Ventura	9	13	WC part of quad	5-A						no paleo info
30289	Ventura	Ventura	9	14	WC part of quad	5-A						no paleo info
30290	Ventura	Ventura	9	15	WC part of quad	5-A						no paleo info
30291	Ventura	Ventura	9	16	WC part of quad	5-A						Miocene
30292	Ventura	Ventura	68	1	WC part of quad	1-C						Pliocene
30293	Ventura	Ventura	68	2	WC part of quad	1-C						Pliocene
30294	Ventura	Ventura	68	3	WC part of quad	1-C						Pliocene
30295	Ventura	Ventura	68	4	WC part of quad	1-C						Pliocene
30296	Ventura	Ventura	68	5	WC part of quad	1-C						Pliocene
30297	Ventura	Ventura	68	6	WC part of quad	1-C						Pliocene
30298	Ventura	Ventura	68	7	WC part of quad	1-C						Pliocene
30299	Ventura	Ventura	68	8	WC part of quad	1-C						Pliocene
30300	Ventura	Ventura	68	9	WC part of quad	1-C						Pliocene
30301	Ventura	Ventura	68	10	WC part of quad	1-C						Pliocene
30302	Ventura	Ventura	68	11	WC part of quad	1-C						Pliocene
30303	Ventura	Ventura	68	12	WC part of quad	1-C						Pliocene
30304	Ventura	Ventura	68	13	WC part of quad	1-C						Pliocene
30305	Ventura	Ventura	68	14	WC part of quad	1-C						Pliocene
30306	Ventura	Ventura	68	15	WC part of quad	1-C						Pliocene
30307	Ventura	Ventura	68	16	WC part of quad	1-C						Pliocene
30308	Ventura	Ventura	128	1	center of quad	64-J						Pliocene
30309	Ventura	Ventura	128	2	center of quad	64-J						Pliocene
30310	Ventura	Ventura	128	3	center of quad	64-J						Pliocene
30311	Ventura	Ventura	128	4	center of quad	64-J						Pliocene
30312	Ventura	Ventura	128	5	center of quad	64-J						Pliocene
30313	Ventura	Ventura	128	6	center of quad	64-J						Pliocene
30314	Ventura	Ventura	128	7	center of quad	64-J						Pliocene
30315	Ventura	Ventura	128	8	center of quad	64-J						Pliocene
30316	Ventura	Ventura	128	9	center of quad	64-J						Pliocene
30317	Ventura	Ventura	128	10	center of quad	64-J						Pliocene
30318	Ventura	Ventura	128	11	center of quad	64-J						Pliocene
30319	Ventura	Ventura	128	12	center of quad	64-J						Pliocene
30320	Ventura	Ventura	128	13	center of quad	64-J						Pliocene
30321	Ventura	Ventura	128	14	center of quad	64-J						Pliocene
30322	Ventura	Ventura	128	15	center of quad	64-J						Pliocene
30323	Ventura	Ventura	128	16	center of quad	64-J						Pliocene
30324	Ventura	Ventura	128	17	center of quad	64-J						Pliocene
30325	Ventura	Ventura	128	18	center of quad	64-J						Pliocene
30326	Ventura	Ventura	128	19	center of quad	64-J						Pliocene
30327	Ventura	Ventura	128	20	center of quad	64-J						Pliocene
30328	Ventura	Ventura	128	99	center of quad	64-J						Pliocene
30329	Ventura	Ventura	128	100	center of quad	64-J						Pliocene
30330	Ventura	Ventura	128	101	center of quad	64-J						Pliocene
30331	Ventura	Ventura	128	102	center of quad	64-J						Pliocene
30332	Ventura	Ventura	128	103	center of quad	64-J						Pliocene
30333	Ventura	Ventura	128	104	center of quad	64-J						Pliocene
30334	Ventura	Ventura	128	105	center of quad	64-J						Pliocene
30335	Ventura	Ventura	128	106	center of quad	64-J						Pliocene
30336	Ventura	Ventura	128	107	center of quad	64-J						Pliocene
30337	Ventura	Ventura	128	108	center of quad	64-J						Pliocene
30338	Ventura	Ventura	149	1	Hall Canyon	36-A						no age provided
30339	Ventura	Ventura	149	2	Hall Canyon	36-A						no age provided
30340	Ventura	Ventura	149	3	Hall Canyon	36-A						no age provided
30341	Ventura	Ventura	149	4	Hall Canyon	36-A						no age provided
30342	Ventura	Ventura	149	5	Hall Canyon	36-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/AG	COLLECTORS			
30768	Ventura	Ventura	357	77	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30769	Ventura	Ventura	357	78	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30770	Ventura	Ventura	357	80	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30771	Ventura	Ventura	357	82	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30772	Ventura	Ventura	357	84	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30773	Ventura	Ventura	357	85	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30774	Ventura	Ventura	357	86	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30775	Ventura	Ventura	357	87	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30776	Ventura	Ventura	357	88	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30777	Ventura	Ventura	357	89	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30778	Ventura	Ventura	357	90	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30779	Ventura	Ventura	357	91	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30780	Ventura	Ventura	357	92	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30781	Ventura	Ventura	357	93	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30782	Ventura	Ventura	357	94	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30783	Ventura	Ventura	357	95	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30784	Ventura	Ventura	357	96	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30785	Ventura	Ventura	357	97	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30786	Ventura	Ventura	357	98	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30787	Ventura	Ventura	357	99	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30788	Ventura	Ventura	357	100	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30789	Ventura	Ventura	357	104	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30790	Ventura	Ventura	357	105	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30791	Ventura	Ventura	357	106	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30792	Ventura	Ventura	357	107	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30793	Ventura	Ventura	357	108	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30794	Ventura	Ventura	357	109	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30795	Ventura	Ventura	357	110	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30796	Ventura	Ventura	357	112	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30797	Ventura	Ventura	357	113	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30798	Ventura	Ventura	357	114	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30799	Ventura	Ventura	357	116	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30800	Ventura	Ventura	357	117	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30801	Ventura	Ventura	357	118	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30802	Ventura	Ventura	357	119	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30803	Ventura	Ventura	357	121	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30804	Ventura	Ventura	357	122	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30805	Ventura	Ventura	357	124	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30806	Ventura	Ventura	357	130	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30807	Ventura	Ventura	357	131	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30808	Ventura	Ventura	357	133	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30809	Ventura	Ventura	357	134	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30810	Ventura	Ventura	357	135	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30811	Ventura	Ventura	357	136	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30812	Ventura	Ventura	357	137	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30813	Ventura	Ventura	357	138	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30814	Ventura	Ventura	357	139	Sespe Gorge	79-B			M Eocene A-2 zon	Owens		
30815	Ventura	Ventura	357	142	Sespe Gorge	79-C			M Eocene A-2 zon	Owens		
30816	Ventura	Ventura	357	143	Sespe Gorge	79-C			M Eocene A-2 zon	Owens		
30817	Ventura	Ventura	1019		center of quad	5-E			Pliocene			
30818	Ventura	Ventura	1020		center of quad	5-E			Pliocene			
30819	Ventura	Ventura	1021		center of quad	5-E			Pliocene			
30820	Ventura	Ventura	1022		center of quad	5-E			Pliocene			
30821	Ventura	Ventura	1023		center of quad	5-E			Pliocene			
30822	Ventura	Ventura	1024		center of quad	5-E			Pliocene			
30823	Ventura	Ventura	1031		Canada del Diablo	5-C			Upper Pliocene			
30824	Ventura	Ventura	1032		Canada del Diablo	5-C			Upper Pliocene			
30825	Ventura	Ventura	1033		Canada del Diablo	5-C			Upper Pliocene			
30826	Ventura	Ventura	1034		Canada del Diablo	5-C			Upper Pliocene			
30827	Ventura	Ventura	1035		Canada del Diablo	5-C		fault zone?	Mixed Plio and Mio			
30828	Ventura	Ventura	4426		center of quad	63-F			no paleo info			
30829	Ventura	Ventura	7144		NW of Chrisman	63-F	see slide 7120	rich fauna	no paleo info			
30830	Ventura	Ventura	7145		NW of Chrisman	63-F	see slide 7120	rich fauna	no paleo info			
30831	Ventura	Ventura	7146		NW of Chrisman	63-F			no paleo info			
30832	Ventura	Ventura	7147		NW of Ortonville	63-F			no paleo info			
30833	Stanislaus	Vernalis	350	84	Ingram Canyon	224-L	strat column		U Cret E zone			
30834	Stanislaus	Vernalis	350	85	Ingram Canyon	224-L	strat column		U Cret E zone			
30835	Stanislaus	Vernalis	350	87	Ingram Canyon	224-L	strat column		U Cret E zone			
30836	Stanislaus	Vernalis	350	88	Ingram Canyon	224-L	strat column		U Cret E zone			
30837	Stanislaus	Vernalis	350	89	Ingram Canyon	224-L	strat column		U Cret E zone			
30838	Stanislaus	Vernalis	350	90	Ingram Canyon	224-L	strat column		U Cret E zone			
30839	Stanislaus	Vernalis	350	91	Ingram Canyon	224-L	strat column		U Cret E zone			
30840	Stanislaus	Vernalis	350	92	Ingram Canyon	224-L	strat column		U Cret E zone			
30841	Stanislaus	Vernalis	350	93	Ingram Canyon	224-L	strat column		U Cret E zone			
30842	Stanislaus	Vernalis	350	94	Ingram Canyon	224-L	strat column		U Cret E zone			
30843	Stanislaus	Vernalis	350	95	Ingram Canyon	224-L	strat column		U Cret E zone			
30844	Stanislaus	Vernalis	350	96	Ingram Canyon	224-L	strat column		U Cret E zone			
30845	Stanislaus	Vernalis	350	97	Ingram Canyon	224-L	strat column		U Cret E zone			
30846	Stanislaus	Vernalis	350	98	Ingram Canyon	224-L	strat column		U Cret E zone			
30847	Stanislaus	Vernalis	350	99	Ingram Canyon	224-L	strat column		U Cret E zone			
30848	Stanislaus	Vernalis	350	100	Ingram Canyon	224-L	strat column		U Cret E zone			
30849	Stanislaus	Vernalis	350	101	Ingram Canyon	224-L	strat column		U Cret E zone			
30850	Stanislaus	Vernalis	350	102	Ingram Canyon	224-L	strat column		U Cret E zone			
30851	Stanislaus	Vernalis	350	103	Ingram Canyon	224-L	strat column		U Cret E zone			
30852	Stanislaus	Vernalis	350	104	Ingram Canyon	224-L	strat column		U Cret E 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		ONE/SERIES/AGI	COLLECTORS		
30853	Stanislaus	Vernalis	350	105	Ingram Canyon	224-L	strat column		U Cret E zone			
30854	Stanislaus	Vernalis	350	106	Ingram Canyon	224-L	strat column		U Cret E zone			
30855	Stanislaus	Vernalis	350	107	Ingram Canyon	224-L	strat column		U Cret E zone			
30856	Stanislaus	Vernalis	350	108	Ingram Canyon	224-L	strat column		U Cret E zone			
30857	Stanislaus	Vernalis	350	109	Ingram Canyon	224-L	strat column		U Cret E zone			
30858	Stanislaus	Vernalis	350	110	Ingram Canyon	224-L	strat column		U Cret E zone			
30859	Stanislaus	Vernalis	350	111	Ingram Canyon	224-L	strat column		not diagnostic			
30860	Stanislaus	Vernalis	350	112	Ingram Canyon	224-L	strat column		not diagnostic			
30861	Stanislaus	Vernalis	350	84	Ingram Canyon	224-L		rewash	no new information			
30862	Stanislaus	Vernalis	350	85	Ingram Canyon	224-L		rewash	no new information			
30863	Stanislaus	Vernalis	350	95	Ingram Canyon	224-L		rewash	no new information			
30864	Stanislaus	Vernalis	350	96	Ingram Canyon	224-L		rewash	no new information			
30865	Stanislaus	Vernalis	350	97	Ingram Canyon	224-L		rewash	no new information			
30866	Stanislaus	Vernalis	350	98	Ingram Canyon	224-L		rewash	no new information			
30867	Stanislaus	Vernalis	350	99	Ingram Canyon	224-L		rewash	no new information			
30868	Stanislaus	Vernalis	350	100	Ingram Canyon	224-L		rewash	no new information			
30869	Stanislaus	Vernalis	350	101	Ingram Canyon	224-L		rewash	no new information			
30870	Stanislaus	Vernalis	350	102	Ingram Canyon	224-L		rewash	no new information			
30871	Stanislaus	Vernalis	470	15	Ingram Creek	108-L			not diagnostic	Porter		
30872	Stanislaus	Vernalis	470	16	Ingram Creek	108-L			not diagnostic			
30873	Stanislaus	Vernalis	470	21	Ingram Creek	108-L			U Cret C/D-1 zone			
30874	Contra Costa	Vine Hill	748	1	SPRR cut	123-E	Carquinez 15' Q		not diagnostic	Lewis &		
30875	Contra Costa	Vine Hill	748	2	SPRR cut	123-E	Carquinez 15' Q		Paleocene E zone	Lewis &		
30876	Contra Costa	Vine Hill	11514		Vine Hill area	209-H	not on map	nice fauna	no paleo info	Young		
30877	Contra Costa	Vine Hill	11515		Vine Hill area	209-H	not on map	nice fauna	no paleo info	Young		
30878	Contra Costa	Vine Hill	11563	A	Pacheco Creek	213-D	SLURP age	not on map	Upper Eocene?	Young		
30879	Contra Costa	Vine Hill	11563	B	Pacheco Creek	213-D	SLURP age	not on map	Upper Eocene?	Young		
30880	Contra Costa	Vine Hill	11563	C	Pacheco Creek	213-D	SLURP age	not on map	Upper Eocene?	Young		
30881	Contra Costa	Vine Hill	11563	D	Pacheco Creek	213-D	SLURP age	not on map	Upper Eocene?	Young		
30882	Contra Costa	Vine Hill	13716	1	NW of Vine Hill	8-H	Carquinez 15'	age from map	U Cret E zone	Huppi		
30883	Contra Costa	Vine Hill	13716	2	NW of Vine Hill	8-H	Carquinez 15'	age from map	U Cret E zone	Huppi		
30884	Contra Costa	Vine Hill	13716	4	NW of Vine Hill	8-H	Carquinez 15'	age from map	U Cret E zone	Huppi		
30885	Contra Costa	Vine Hill	13773		SE of Malby	140-M			Upper Eocene	Tasker		
30886	Contra Costa	Vine Hill	13774		N of Vine Hill	140-M			U Cret I zone	Tasker		
30887	Contra Costa	Vine Hill	13776		NW corner of quad	140-M			U Cret F-2 zone			
30888	Contra Costa	Vine Hill	13776	RW	NW corner of quad	140-M			barren			
30889	Solano	Vine Hill	18900	1	NW part of map	68-L	Carquinez 15'		no paleo info	Polugar & G		
30890	Solano	Vine Hill	18900	2	NW part of map	68-L	Carquinez 15'		no paleo info	Polugar & G		
30891	Solano	Vine Hill	18900	3	NW part of map	68-L	Carquinez 15'		no paleo info	Polugar & G		
30892	Solano	Vine Hill	21665		W of Bahia	228-L			no paleo info	Beck		
30893	Solano	Vine Hill	21666		W of Bahia	228-L			no paleo info	Beck		
30894	Solano	Vine Hill	21667	A	SW of Bahia	228-L			no paleo info	Beck		
30895	Solano	Vine Hill	21667	B	SW of Bahia	228-L			no paleo info	Beck		
30896	Solano	Vine Hill	21668	C	SW of Bahia	228-L			no paleo info	Beck		
30897	Solano	Vine Hill	22205		NW part of quad	231-H			no paleo info	Eke		
30898	Solano	Vine Hill	22206	A	NW part of quad	231-H			no paleo info	Eke		
30899	Solano	Vine Hill	22206	B	NW part of quad	231-H			no paleo info	Eke		
30900	Solano	Vine Hill	22207		NW part of quad	231-H			U ret F-2 zone	Eke		
30901	Contra Costa	Vine Hill	22212		E of Vine Hill	231-H			U Cret F-2 zone	Eke		
30902	Contra Costa	Vine Hill	23001		N of Vine Hill	247-J	Colburn 39		U Cret D-2 zone	Colburn		
30903	Contra Costa	Vine Hill	23002		N of Vine Hill	247-J	Colburn 38		U Cret D-2 zone	Colburn		
30904	Contra Costa	Vine Hill	23003		N of Vine Hill	247-J	Colburn 37		U Cret D-2 zone	Colburn		
30905	Contra Costa	Vine Hill	23004		not on map	247-J	Colburn 35		not diagnostic	Colburn		
30906	Contra Costa	Vine Hill	23005		N of Vine Hill	247-J	Colburn 104	Martinez	not diagnostic	Colburn		
30907	Contra Costa	Vine Hill	23006		E of Vine Hill	247-J	Colburn 34	Chico	barren	Colburn		
30908	Contra Costa	Vine Hill	23008		E of Vine Hill	247-J	Colburn 99	Martinez	not diagnostic	Colburn		
30909	Contra Costa	Vine Hill	23012		SE of Vine Hill	247-J	Colburn 45	Las Juntas	not diagnostic	Colburn		
30910	Contra Costa	Vine Hill	23063		not on map	247-J	Colburn 29	Las Juntas	Eocene C zone	Colburn		
30911	Contra Costa	Vine Hill	23064		not on map	247-J	Colburn 31	Vine Hill	not diagnostic	Colburn		
30912	Contra Costa	Vine Hill	23065		NW of Vine Hill	247-J	Colburn 107	Martinez	Paleocene E zone	Colburn		
30913	Contra Costa	Vine Hill	23066		Suisun Point	247-J	Colburn 41		not diagnostic	Colburn		
30914	Contra Costa	Vine Hill	23067		not on map	247-J	Colburn 58	Capay	not diagnostic	Colburn		
30915	Contra Costa	Vine Hill	23068		not on map	247-J	Colburn 59	Capay	not diagnostic	Colburn		
30916	Solano	Vine Hill	23083		NW part of quad	247-J	Colburn 113	Chico	not diagnostic	Colburn		
30917	Solano	Vine Hill	23680	A	NW part of quad	177-M	Carquinez 15'		no paleo info			
30918	Solano	Vine Hill	23680	B	NW part of quad	177-M	Carquinez 15'		no paleo info			
30919	Contra Costa	Vine Hill?	283	X-1	Pacheco syn	F-1	22/2N/2W	not on map	Eocene			
30920	Contra Costa	Vine Hill?	283	X-3	Pacheco syn	F-1	Arnold Hwy		Eocene			
30921	Contra Costa	Vine Hill?	283	X-4	Pacheco syn	F-1			Eocene			
30922	Contra Costa	Vine Hill?	283	X-5	Pacheco syn	F-1			Eocene			
30923	Contra Costa	Vine Hill?	13717	1	not found	8-H		flood rads	Eocene	Huppi		
30924	Contra Costa	Vine Hill?	13717	2	not found	8-H			Eocene	Huppi		
30925	Merced	Volta	4825		SW of Volta	125-A		strat column	Cretaceous	Porter		
30926	Merced	Volta	4826		SW of Volta	125-A		strat column	Cretaceous	Porter		
30927	Merced	Volta	4827		SW of Volta	125-A		strat column	Cretaceous	Porter		
30928	Merced	Volta	4828		SW of Volta	125-A		strat column	Cretaceous	Porter		
30929	Merced	Volta	4829		SW of Volta	125-A		strat column	Cretaceous	Porter		
30930	Merced	Volta	4830		SW of Volta	125-A		strat column	Cretaceous	Porter		
30931	Merced	Volta	4831		SW of Volta	125-A		strat column	Cretaceous	Porter		
30932	Merced	Volta	4833		SW of Volta	125-A			no paleo info			
30933	Merced	Volta	4837		Los Banos	125-K			no paleo info			
30934	Contra Costa	Walnut Creek	176	81	Muir Station	E-6			not diagnostic	Weddle		
30935	Contra Costa	Walnut Creek	176	82	Muir Station	E-2			not diagnostic	Weddle		
30936	Contra Costa	Walnut Creek	176	83	Muir Station	E-6			Middle Eocene	Weddle		
30937	Contra Costa	Walnut Creek	176	84	Muir Station	E-6			Middle Eocene	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		
30938	Contra Costa	Walnut Creek	176	85	Muir Station	E-6			Middle Eocene	Weddle		
30939	Contra Costa	Walnut Creek	176	86	Muir Station	E-6			Middle Eocene	Weddle		
30940	Contra Costa	Walnut Creek	176	87	Muir Station	E-2			Middle Eocene	Weddle		
30941	Contra Costa	Walnut Creek	176	88	Muir Station	E-6			Middle Eocene	Weddle		
30942	Contra Costa	Walnut Creek	176	89	Muir Station	E-6			Middle Eocene	Weddle		
30943	Contra Costa	Walnut Creek	176	90	Muir Station	E-6			Middle Eocene	Weddle		
30944	Contra Costa	Walnut Creek	176	91	Muir Station	E-6			Middle Eocene	Weddle		
30945	Contra Costa	Walnut Creek	176	92	Muir Station	E-6			Middle Eocene	Weddle		
30946	Contra Costa	Walnut Creek	176	93	Muir Station	E-6			Middle Eocene	Weddle		
30947	Contra Costa	Walnut Creek	176	94	Muir Station	E-6			Middle Eocene	Weddle		
30948	Contra Costa	Walnut Creek	176	95	Muir Station	E-7			Middle Eocene	Weddle		
30949	Contra Costa	Walnut Creek	176	96	Muir Station	E-7			Middle Eocene	Weddle		
30950	Contra Costa	Walnut Creek	176	97	Muir Station	E-7			Middle Eocene	Weddle		
30951	Contra Costa	Walnut Creek	176	98	Muir Station	E-7			Middle Eocene	Weddle		
30952	Contra Costa	Walnut Creek	176	99	Muir Station	E-7			Middle Eocene	Weddle		
30953	Contra Costa	Walnut Creek	176	100	Muir Station	E-7			Middle Eocene	Weddle		
30954	Contra Costa	Walnut Creek	176	101	Muir Station	E-7			Middle Eocene	Weddle		
30955	Contra Costa	Walnut Creek	176	102	Muir Station	E-7			Middle Eocene	Weddle		
30956	Contra Costa	Walnut Creek	176	103	Muir Station	E-7			Middle Eocene	Weddle		
30957	Contra Costa	Walnut Creek	176	104	Muir Station	E-6			Eocene A-2	Weddle		
30958	Contra Costa	Walnut Creek	176	105	Muir Station	E-6			Eocene A-2	Weddle		
30959	Contra Costa	Walnut Creek	176	106	Muir Station	E-6			Eocene A-2	Weddle		
30960	Contra Costa	Walnut Creek	176	107	Muir Station	E-6			Eocene A-2	Weddle		
30961	Contra Costa	Walnut Creek	176	108	Muir Station	E-6			Eocene A-2	Weddle		
30962	Contra Costa	Walnut Creek	176	109	Muir Station	E-6			Eocene A-2	Weddle		
30963	Contra Costa	Walnut Creek	176	110	Muir Station	E-6			Eocene A-2	Weddle		
30964	Contra Costa	Walnut Creek	176	111	Muir Station	E-6			Eocene A-2	Weddle		
30965	Contra Costa	Walnut Creek	176	112	Muir Station	E-6			Eocene A-2	Weddle		
30966	Contra Costa	Walnut Creek	176	113	Muir Station	E-6			Eocene A-2	Weddle		
30967	Contra Costa	Walnut Creek	176	114	Muir Station	E-6			Eocene A-2	Weddle		
30968	Contra Costa	Walnut Creek	176	115	Muir Station	E-6			Eocene A-3	Weddle		
30969	Contra Costa	Walnut Creek	176	116	Muir Station	E-6			Eocene A-2	Weddle		
30970	Contra Costa	Walnut Creek	176	117	Muir Station	E-6			Eocene A-2	Weddle		
30971	Contra Costa	Walnut Creek	176	118	Muir Station	E-6			Eocene A-2	Weddle		
30972	Contra Costa	Walnut Creek	176	119	Muir Station	E-6			Eocene A-1	Weddle		
30973	Contra Costa	Walnut Creek	176	120	Muir Station	E-6			Eocene A-2	Weddle		
30974	Contra Costa	Walnut Creek	176	121	Muir Station	E-6			not diagnostic	Weddle		
30975	Contra Costa	Walnut Creek	176	122	Muir Station	E-6			not diagnostic	Weddle		
30976	Contra Costa	Walnut Creek	176	123	Muir Station	E-6			not diagnostic	Weddle		
30977	Contra Costa	Walnut Creek	176	124	Muir Station	E-6			not diagnostic	Weddle		
30978	Contra Costa	Walnut Creek	176	125	Muir Station	E-2			not diagnostic	Weddle		
30979	Contra Costa	Walnut Creek	176	126	Muir Station	E-2			not diagnostic	Weddle		
30980	Contra Costa	Walnut Creek	176	127	Muir Station	E-2			Eocene A-2	Weddle		
30981	Contra Costa	Walnut Creek	176	128	Muir Station	E-2			not diagnostic	Weddle		
30982	Contra Costa	Walnut Creek	176	83RW	Muir Station	E-2	rewashed samples		Eocene			
30983	Contra Costa	Walnut Creek	176	87RW	Muir Station	E-2	rewashed samples		Eocene			
30984	Contra Costa	Walnut Creek	176	124RW	Muir Station	E-2	rewashed samples		Eocene			
30985	Contra Costa	Walnut Creek	176	125RW	Muir Station	E-2	rewashed samples		Eocene			
30986	Contra Costa	Walnut Creek	176	126RW	Muir Station	E-2	rewashed samples		Eocene			
30987	Contra Costa	Walnut Creek	176	127RW	Muir Station	E-2	rewashed samples		Eocene			
30988	Contra Costa	Walnut Creek	176	127BRW	Muir Station	E-2	rewashed samples		Eocene			
30989	Contra Costa	Walnut Creek	176	128RW	Muir Station	E-2	rewashed samples		Eocene			
30990	Contra Costa	Walnut Creek	185	629	Muir Station	E-12	Not on map but		no paleo info			
30991	Contra Costa	Walnut Creek	185	630	Muir Station	E-12	Muir Station was in		no paleo info			
30992	Contra Costa	Walnut Creek	185	631	Muir Station	E-12	NW Walnut Creek		no paleo info			
30993	Contra Costa	Walnut Creek	185	632	Muir Station	E-12	Quad		no paleo info			
30994	Contra Costa	Walnut Creek	185	633	Muir Station	E-12			no paleo info			
30995	Contra Costa	Walnut Creek	185	634	Muir Station	E-12			no paleo info			
30996	Contra Costa	Walnut Creek	185	635	Muir Station	E-12			no paleo info			
30997	Contra Costa	Walnut Creek	185	636	Muir Station	E-12			no paleo info			
30998	Contra Costa	Walnut Creek	223	276	NW part of quad	F-6			not diagnostic	Harris & T		
30999	Contra Costa	Walnut Creek	223	277	NW part of quad	F-6			barren	Harris & T		
31000	Contra Costa	Walnut Creek	223	278	NW part of quad	F-6			not diagnostic	Harris & T		
31001	Contra Costa	Walnut Creek	11884		SW of Pacheco	106-B	33/2N/3W (SLP)	B-7	Upper Miocene	Schmidt		
31002	Contra Costa	Walnut Creek	11885		NW of Pacheco	106-B		B-11	not diagnostic	Schmidt		
31003	Contra Costa	Walnut Creek	11886		Hwy 4 road cut	139-I		TP-1	U Eocene A-1 zone	Schmidt		
31004	Contra Costa	Walnut Creek	11887		Hwy 4 road cut	139-I	flood rads	TP-2	U Eocene A-1 zone	Schmidt		
31005	Contra Costa	Walnut Creek	13777	703	NW of Pacheco	53-D			no paleo info	Wentworth		
31006	Contra Costa	Walnut Creek	13778	799	Pt Arena	53-D			no paleo info	Wentworth		
31007	Contra Costa	Walnut Creek	13778		SW of IOOF Cem	114-C		flood planktics	Eocene C zone	Beck		
31008	Contra Costa	Walnut Creek	13779	804	Pt Arena	53-D			no paleo info	Wentworth		
31009	Contra Costa	Walnut Creek	21454		NW of Pacheco	103K	sa # 22046		no paleo info			
31010	Contra Costa	Walnut Creek	21491		NW corner quad	53-D			no paleo info	Berry		
31011	Contra Costa	Walnut Creek	21494	1	NW corner quad	53-D			no paleo info	Berry		
31012	Contra Costa	Walnut Creek	21494	2	NW corner quad	53-D			no paleo info	Berry		
31013	Contra Costa	Walnut Creek	21494	3	NW corner quad	53-D			no paleo info	Berry		
31014	Contra Costa	Walnut Creek	21669	A	NW of Pacheco	228-G			no paleo info	Beck		
31015	Contra Costa	Walnut Creek	21669	B	NW of Pacheco	228-G			no paleo info	Beck		
31016	Contra Costa	Walnut Creek	21669	F	NW of Pacheco	228-G			no paleo info	Beck		
31017	Contra Costa	Walnut Creek	21669	H	NW of Pacheco	228-G			no paleo info	Beck		
31018	Contra Costa	Walnut Creek	21669	I	NW of Pacheco	228-G			no paleo info	Beck		
31019	Contra Costa	Walnut Creek	21669	K	NW of Pacheco	228-G			no paleo info	Beck		
31020	Contra Costa	Walnut Creek	21670		NW of Pacheco	228-G			no paleo info	Beck		
31021	Contra Costa	Walnut Creek	21671	A	NW of Pacheco	228-G			no paleo info	Beck		
31022	Contra Costa	Walnut Creek	21671	C	NW of Pacheco	228-G			no paleo info	Beck		

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		
31023	Contra Costa	Walnut Creek	21673		Concord	228-G			no paleo info	Beck		
31024	Contra Costa	Walnut Creek	22032		N of Pacheco	223-G			no paleo info	Paulson		
31025	Contra Costa	Walnut Creek	22032	A	N of Pacheco	223-G			no paleo info	Paulson		
31026	Contra Costa	Walnut Creek	22032	B	N of Pacheco	223-G			no paleo info	Paulson		
31027	Contra Costa	Walnut Creek	22033		NW of Pacheco	223-G			no paleo info			
31028	Contra Costa	Walnut Creek	22034		NW corner quad	103-K			no paleo info			
31029	Contra Costa	Walnut Creek	22037		NW corner quad	103-K			no paleo info			
31030	Contra Costa	Walnut Creek	22038		NW corner quad	103-K			no paleo info			
31031	Contra Costa	Walnut Creek	22039		NW corner quad	103-K			no paleo info			
31032	Contra Costa	Walnut Creek	22041		NW corner quad	103-K			no paleo info			
31033	Contra Costa	Walnut Creek	22042		NW corner quad	103-K			no paleo info			
31034	Contra Costa	Walnut Creek	22043		NW corner quad	103-K			no paleo info			
31035	Contra Costa	Walnut Creek	22208		not on map	231-H	Concord area		no paleo info	Eke		
31036	Contra Costa	Walnut Creek	22209		not on map	231-H	Concord area		no paleo info	Eke		
31037	Contra Costa	Walnut Creek	22210		not on map	231-H	Concord area		no paleo info	Eke		
31038	Contra Costa	Walnut Creek	22643		WC part of quad	239-F			Paleocene			
31039	Contra Costa	Walnut Creek	23013		NW of Pacheco	247-J	Colburn 13	Markley	Eoc/Paleoc C/D	Colburn		
31040	Contra Costa	Walnut Creek	23014		NW of Pacheco	247-J	Colburn 14	Las Juntas	Eoc/Paleoc C/D	Colburn		
31041	Contra Costa	Walnut Creek	23015		NW of Pacheco	247-J	Colburn 15	Las Juntas	Eoc/Paleoc C/D	Colburn		
31042	Contra Costa	Walnut Creek	23017		NW of Pacheco	247-J	Colburn 16	Las Juntas	no paleo info	Colburn		
31043	Contra Costa	Walnut Creek	23018		NW of Pacheco	247-J	Colburn 17	Las Juntas	Paleocene D zone	Colburn		
31044	Contra Costa	Walnut Creek	23019		NW of Pacheco	247-J	Colburn 18	Las Juntas	Paleocene D zone	Colburn		
31045	Contra Costa	Walnut Creek	23020		NW of Pacheco	247-J	Colburn 19	Las Juntas	Paleocene D zone	Colburn		
31046	Contra Costa	Walnut Creek	23021		NW of Pacheco	247-J	Colburn 28	Escobar/Alhm	barren	Colburn		
31047	Contra Costa	Walnut Creek	23022		NW of Pacheco	247-J	Colburn 29	Escobar/Alhm	barren	Colburn		
31048	Contra Costa	Walnut Creek	23023		NW of Pacheco	247-J	Colburn 26	Escobar/Alhm	barren	Colburn		
31049	Contra Costa	Walnut Creek	23024		NW of Pacheco	247-J	Colburn 25	Escobar/Alhm	barren	Colburn		
31050	Contra Costa	Walnut Creek	23025		NW of Pacheco	247-J	Colburn 24	Escobar/Alhm	Narizian	Colburn		
31051	Contra Costa	Walnut Creek	23026		NW of Pacheco	247-J	Colburn 23	Escobar/Alhm	Eocene A-2 zone	Colburn		
31052	Contra Costa	Walnut Creek	23028		WC part of quad	247-J	Colburn 98		not diagnostic	Colburn		
31053	Contra Costa	Walnut Creek	23029		WC part of quad	247-J	Colburn 96	Escobar/Alhm	not diagnostic	Colburn		
31054	Contra Costa	Walnut Creek	23030		WC part of quad	247-J	Colburn 86		Eocene B zones	Colburn		
31055	Contra Costa	Walnut Creek	23031		NW of Pacheco	247-J	Colburn 87	rads abun	Upper Eocene	Colburn		
31056	Contra Costa	Walnut Creek	23032		NW of Pacheco	247-J	Colburn 85		Paleocene D/E	Colburn		
31057	Contra Costa	Walnut Creek	23033		NW corner of quad	247-J	Colburn 84	Escobar/Alhm	not diagnostic	Colburn		
31058	Contra Costa	Walnut Creek	23034		SW of Pacheco	247-J	Colburn 52	Las Juntas	Eocene C zone	Colburn		
31059	Contra Costa	Walnut Creek	23035		NW corner of quad	247-J	Colburn 82		not diagnostic	Colburn		
31060	Contra Costa	Walnut Creek	23037		W of Pleasant Hill	247-J	Colburn 93	Vine Hill	Paleocene D/E	Colburn		
31061	Contra Costa	Walnut Creek	23038		W of Pleasant Hill	247-J	Colburn 92	Martinez	Paleocene D/E	Colburn		
31062	Contra Costa	Walnut Creek	23039		W of Pleasant Hill	247-J	Colburn 91	Martinez	Paleocene D/E	Colburn		
31063	Contra Costa	Walnut Creek	23040		W of Pleasant Hill	247-J	Colburn 90	Las Juntas	Paleocene D/E	Colburn		
31064	Contra Costa	Walnut Creek	23041		W of Pleasant Hill	247-J	Colburn 88	Las Juntas	Paleocene D/E	Colburn		
31065	Contra Costa	Walnut Creek	23042		W of Pleasant Hill	247-J	Colburn 89	Escobar/Alhm	not diagnostic	Colburn		
31066	Contra Costa	Walnut Creek	23043		W of Pleasant Hill	247-J	Colburn 94	Escobar/Alhm	Paleocene D/E	Colburn		
31067	Contra Costa	Walnut Creek	23044		W of Pleasant Hill	247-J	Colburn 95	Escobar	Paleocene D/E	Colburn		
31068	Contra Costa	Walnut Creek	23045		NW corner of quad	247-J	Colburn 83	rads abun	Upper Eocene	Colburn		
31069	Contra Costa	Walnut Creek	23046		NW corner of quad	247-J	Colburn 101	Las Juntas	Paleocene	Colburn		
31070	Contra Costa	Walnut Creek	23047		not on map	247-J	Colburn 102	Las Juntas	Paleocene	Colburn		
31071	Contra Costa	Walnut Creek	23048		not on map	247-J	Colburn 51	Las Juntas	Eocene C zone	Colburn		
31072	Contra Costa	Walnut Creek	23049		not on map	247-J	Colburn 71	Las Juntas	Eocene C zone	Colburn		
31073	Contra Costa	Walnut Creek	23050		not on map	247-J	Colburn 72	Las Juntas	not diagnostic	Colburn		
31074	Contra Costa	Walnut Creek	23051		not on map	247-J	Colburn 73	Las Juntas	not diagnostic	Colburn		
31075	Contra Costa	Walnut Creek	23052		not on map	247-J	Colburn 74	Escobar	not diagnostic	Colburn		
31076	Contra Costa	Walnut Creek	23053		not on map	247-J	Colburn 75	Escobar	not diagnostic	Colburn		
31077	Contra Costa	Walnut Creek	23054		not on map	247-J	Colburn 76	Escobar	not diagnostic	Colburn		
31078	Contra Costa	Walnut Creek	23055		NW corner of quad	247-J	Colburn 77	Alhambra	U Eocene A-1 zone	Colburn		
31079	Contra Costa	Walnut Creek	23056		NW corner of quad	247-J	Colburn 78	rads abun	Upper Eocene	Colburn		
31080	Contra Costa	Walnut Creek	23057		NW corner of quad	247-J	Colburn 79	Alhambra	Narizian	Colburn		
31081	Contra Costa	Walnut Creek	23058		NW corner of quad	247-J	Colburn 81	San Ramon	not diagnostic	Colburn		
31082	Contra Costa	Walnut Creek	23059		NW corner of quad	247-J	Colburn 80	Markley	U Eocene A-1 zone	Colburn		
31083	Contra Costa	Walnut Creek	28600		Marsh Creek Road	25-B	20/1N/2W (SLP)		no paleo info	Polugar		
31084	Contra Costa	Walnut Creek	28618		NW corner of quad	25-B	29/2N/2W (SLP)	SLURP age	Miocene	Polugar		
31085	Contra Costa	Walnut Creek	28619	1A	NW corner of quad	25-B	29/2N/2W (SLP)	SLURP age	Miocene	Polugar		
31086	Contra Costa	Walnut Creek	28620		NW corner of quad	25-B	29/2N/2W (SLP)	SLURP age	Miocene	Polugar		
31087	Contra Costa	Walnut Creek?	21674	A	not found	228-G	Concord area	good fauna	no paleo info	Beck		
31088	Contra Costa	Walnut Creek?	21674	B	not found	228-G	Concord area	good fauna	no paleo info	Beck		
31089	Los Angeles	Warm Springs Mtn	384	1	Necktie Canyon	50-F	Formerly part of	Age based on	probably Pliocene			
31090	Los Angeles	Warm Springs Mtn	384	2	Necktie Canyon	50-F	Violin Canyon	Quacclam Arca	probably Pliocene			
31091	Los Angeles	Warm Springs Mtn	384	3	Necktie Canyon	50-F		trilineata	probably Pliocene			
31092	Los Angeles	Warm Springs Mtn	384	4	Necktie Canyon	50-F			probably Pliocene			
31093	Los Angeles	Warm Springs Mtn	384	5	Necktie Canyon	50-F			probably Pliocene			
31094	Los Angeles	Warm Springs Mtn	384	6	Necktie Canyon	50-F			probably Pliocene			
31095	Los Angeles	Warm Springs Mtn	384	7	Necktie Canyon	50-F			probably Pliocene			
31096	Los Angeles	Warm Springs Mtn	384	8	Necktie Canyon	50-F			probably Pliocene			
31097	Los Angeles	Warm Springs Mtn	384	9	Necktie Canyon	50-F			probably Pliocene			
31098	Los Angeles	Warm Springs Mtn	384	10	Necktie Canyon	50-F			probably Pliocene			
31099	Los Angeles	Warm Springs Mtn	384	11	Necktie Canyon	50-F			probably Pliocene			
31100	Los Angeles	Warm Springs Mtn	462	5	Fish Canyon	60-G	Cienega Camp		not diagnostic			
31101	Los Angeles	Warm Springs Mtn	462	6	Fish Canyon	60-G	Cienega Camp		not diagnostic			
31102	Los Angeles	Warm Springs Mtn	462	7	Fish Canyon	60-G	Cienega Camp		Ynezian E zone			
31103	Los Angeles	Warm Springs Mtn	462	8	Fish Canyon	60-G	Cienega Camp		not diagnostic			
31104	Los Angeles	Warm Springs Mtn	462	9	Fish Canyon	60-G	Cienega Camp		not diagnostic			
31105	Los Angeles	Warm Springs Mtn	462	10	Fish Canyon	60-G	Cienega Camp		not diagnostic			
31106	Los Angeles	Warm Springs Mtn	462	12	Fish Canyon	60-G	Cienega Camp		not diagnostic			
31107	Los Angeles	Warm Springs Mtn	463	3	Warm Sprs trail	60-F			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		
31108	Los Angeles	Warm Springs Mtn	463	5	Warm Sprs trail	60-F						not diagnostic
31109	Los Angeles	Warm Springs Mtn	463	8	Warm Sprs trail	60-F						not diagnostic
31110	Los Angeles	Warm Springs Mtn	3786		Charlie Canyon	84-J	old Red Mtn Q					Miocene
31111	Los Angeles	Warm Springs Mtn	3787		Charlie Canyon	84-J	old Red Mtn Q					Miocene
31112	Los Angeles	Warm Springs Mtn	3788		Charlie Canyon	84-J	old Red Mtn Q					not diagnostic
31113	Los Angeles	Warm Springs Mtn	6300		Elizabeth Cyn Rd	54-H						Eocene
31114	Los Angeles	Warm Springs Mtn	6301		Elizabeth Cyn Rd	54-H						Eocene
31115	Los Angeles	Warm Springs Mtn	6303		Elizabeth Cyn Rd	54-H						Eocene
31116	Los Angeles	Warm Springs Mtn	6320		Charlie Canyon	49-G	old Red Mtn Qaud					Upper Miocene
31117	Los Angeles	Warm Springs Mtn	6325		Elizabeth Cyn Rd	49-G	old Red Mtn Qaud					Upper Miocene
31118	Los Angeles	Warm Springs Mtn	6471		Elizabeth Cyn Rd	57-G						no paleo info
31119	Santa Cruz	Watsonville East	7076		SE part of quad	91-F	loaned McDougall					Eocene
31120	Santa Cruz	Watsonville East	7077		SE part of quad	91-F	loaned McDougall					poss Eocene
31121	Santa Clara	Watsonville East	8874		EC part of quad	147-F	S Juan Bautista 15'	27/11S/3E SL				Lower Miocene
31122	Santa Clara	Watsonville East	8907		NW part of quad	147-F	S Juan Bautista 15'					U Eocene A zone
31123	Santa Cruz	Watsonville East	9020		NW corner quad	140-M	S Juan Bautista 15'					Upper Zemorrian
31124	Santa Cruz	Watsonville East	9021		NW corner quad	140-M	S Juan Bautista 15'					not diagnostic
31125	San Luis Obispo	Wells Ranch	11609		N of Padrones Cyn	79-J	sa Morro Bay N	com planktics				Zemorrian
31126	San Luis Obispo	Wells Ranch	18467		Abbott Canyon	260-D						L or M Miocene
31127	San Luis Obispo	Wells Ranch	18468		Abbott Canyon	260-D						L or M Miocene
31128	San Luis Obispo	Wells Ranch	18475		SC part of quad	260-D						not diagnostic
31129	San Luis Obispo	Wells Ranch	19461		Abbott Canyon	159-M	Vedder Mf 974					not diagnostic
31130	San Luis Obispo	Wells Ranch	19462		SW part of quad	159-M	Vedder Mf 976					Vedder
31131	San Luis Obispo	Wells Ranch	19463		SW part of quad	159-M	Vedder Mf 977					L or M Miocene
31132	San Luis Obispo	Wells Ranch	21474		Abbott Canyon	260-F	Vedder Mf 975					L or M Miocene
31133	Humboldt	Weott	22381	4	NE corner of quad	242-F	Weott 15'					Cret/Paleocene
31134	Humboldt	Weott	22381	5	NE corner of quad	242-F	Weott 15'					Cret/Paleocene
31135	Humboldt	Weott	22381	6	NE corner of quad	242-F	Weott 15'	abun diatoms				not diagnostic
31136	Humboldt	Weott	22381	10	NE corner of quad	242-F	Weott 15'	abun diatoms				Miocene/Pliocene
31137	Humboldt	Weott	22854	1B	NE part of quad	244-G	Weott 15'	auger				Miocene/Pliocene
31138	Humboldt	Weott	22854	2A	NE part of quad	244-G	Weott 15'					Miocene/Pliocene
31139	Humboldt	Weott	22854	2B	NE part of quad	244-G	Weott 15'					Miocene/Pliocene
31140	Humboldt	Weott	22854	3A	NE part of quad	244-G	Weott 15'					not diagnostic
31141	Humboldt	Weott	22854	3B	NE part of quad	244-G	Weott 15'					not diagnostic
31142	Humboldt	Weott	22854	4A	NE part of quad	244-G	Weott 15'					not diagnostic
31143	Humboldt	Weott	22854	6	NE part of quad	244-G	Weott 15'					not diagnostic
31144	Humboldt	Weott	22859	1A	NE part of quad	244-G	Weott 15'					Miocene/Pliocene
31145	Humboldt	Weott	22859	1B	NE part of quad	244-G	Weott 15'					Miocene/Pliocene
31146	Humboldt	Weott	22859	1C	NE part of quad	244-G	Weott 15'					Miocene/Pliocene
31147	Ventura	Wheeler Springs	344	1	Sespe Gorge	55-L	Hwy 399					Eocene
31148	Ventura	Wheeler Springs	344	3	Sespe Gorge	55-L						Eocene
31149	Ventura	Wheeler Springs	344	4	Sespe Gorge	55-L						Eocene
31150	Ventura	Wheeler Springs	344	5	Sespe Gorge	55-L						Eocene
31151	Ventura	Wheeler Springs	344	6	Sespe Gorge	55-L						Eocene
31152	Ventura	Wheeler Springs	344	7	Sespe Gorge	55-L						Eocene
31153	Ventura	Wheeler Springs	344	8	Sespe Gorge	55-L						Eocene
31154	Ventura	Wheeler Springs	344	9	Sespe Gorge	55-L						Eocene
31155	Ventura	Wheeler Springs	344	10	Sespe Gorge	55-L						Eocene
31156	Ventura	Wheeler Springs	344	11	Sespe Gorge	55-L						Eocene
31157	Ventura	Wheeler Springs	344	13	Sespe Gorge	55-L						Eocene
31158	Ventura	Wheeler Springs	344	14	Sespe Gorge	55-L						Eocene
31159	Ventura	Wheeler Springs	344	15	Sespe Gorge	55-L						Eocene
31160	Ventura	Wheeler Springs	344	16	Sespe Gorge	55-L						Eocene
31161	Ventura	Wheeler Springs	344	17	Sespe Gorge	55-L						Eocene
31162	Ventura	Wheeler Springs	344	18	Sespe Gorge	55-L						Eocene
31163	Ventura	Wheeler Springs	344	19	Sespe Gorge	55-L						Eocene
31164	Ventura	Wheeler Springs	344	20	Sespe Gorge	55-L						Eocene
31165	Ventura	Wheeler Springs	344	25	Sespe Gorge	55-L						Eocene
31166	Ventura	Wheeler Springs	344	26	Sespe Gorge	55-L						Eocene
31167	Ventura	Wheeler Springs	344	31	Sespe Gorge	55-L						Eocene
31168	Ventura	Wheeler Springs	355	VA	Wheeler Gorge	86-F	strat column					U Cret G zone
31169	Ventura	Wheeler Springs	355	VG	Wheeler Gorge	86-F	strat column					U Cret G zone
31170	Ventura	Wheeler Springs	355	VI	Wheeler Gorge	86-F	strat column					U Cret G zone
31171	Ventura	Wheeler Springs	355	VJ	Wheeler Gorge	86-F	strat column					U Cret G zone
31172	Ventura	Wheeler Springs	355	VK	Wheeler Gorge	86-F	strat column					U Cret G zone
31173	Ventura	Wheeler Springs	355	VL	Wheeler Gorge	86-F	strat column					U Cret G zone
31174	Ventura	Wheeler Springs	355	VM	Wheeler Gorge	86-F	strat column					U Cret G zone
31175	Ventura	Wheeler Springs	355	V2A	Wheeler Gorge	86-F	strat column					U Cret G zone
31176	Ventura	Wheeler Springs	355	V4	Wheeler Gorge	86-F	strat column					U Cret G zone
31177	Ventura	Wheeler Springs	355	V5	Wheeler Gorge	86-F	strat column					U Cret G zone
31178	Ventura	Wheeler Springs	355	V6 ETC	Wheeler Gorge	86-F	strat column					U Cret G zone
31179	Ventura	Wheeler Springs	355	7	Wheeler Gorge	86-F	strat column					U Cret G zone
31180	Ventura	Wheeler Springs	355	8	Wheeler Gorge	86-F	strat column					U Cret G zone
31181	Ventura	Wheeler Springs	355	9	Wheeler Gorge	86-F	strat column					U Cret G zone
31182	Ventura	Wheeler Springs	355	11	Wheeler Gorge	86-F	strat column					U Cret G zone
31183	Ventura	Wheeler Springs	355	12	Wheeler Gorge	86-F	strat column					U Cret G zone
31184	Ventura	Wheeler Springs	355	13	Wheeler Gorge	86-F	strat column					U Cret G zone
31185	Ventura	Wheeler Springs	355	14	Wheeler Gorge	86-F	strat column					U Cret G zone
31186	Ventura	Wheeler Springs	355	15	Wheeler Gorge	86-F	strat column					U Cret G zone
31187	Ventura	Wheeler Springs	355	16	Wheeler Gorge	86-F	strat column					U Cret G zone
31188	Ventura	Wheeler Springs	355	17	Wheeler Gorge	86-F	strat column					U Cret G zone
31189	Ventura	Wheeler Springs	355	18	Wheeler Gorge	86-F	strat column					U Cret G zone
31190	Ventura	Wheeler Springs	355	19	Wheeler Gorge	86-F	strat column					Middle Eocene
31191	Ventura	Wheeler Springs	355	20	Wheeler Gorge	86-F	strat column					Middle Eocene
31192	Ventura	Wheeler Springs	355	26	Wheeler Gorge	86-F	strat column					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		
31703	Ventura	Wheeler Springs	361	16	Potrero John Ck	86-B			M Eocene A-2 zone			
31704	Ventura	Wheeler Springs	361	22	Potrero John Ck	86-B	Have strat column		M Eocene A-2 zone			
31705	Ventura	Wheeler Springs	361	23	Potrero John Ck	86-B	and forum check		M Eocene A-2 zone			
31706	Ventura	Wheeler Springs	361	24	Potrero John Ck	86-B	list		M Eocene A-2 zone			
31707	Ventura	Wheeler Springs	361	25	Potrero John Ck	86-B			M Eocene A-2 zone			
31708	Ventura	Wheeler Springs	361	27	Potrero John Ck	86-B			M Eocene A-2 zone			
31709	Ventura	Wheeler Springs	361	28	Potrero John Ck	86-B			M Eocene A-2 zone			
31710	Ventura	Wheeler Springs	361	29	Potrero John Ck	86-B			M Eocene A-2 zone			
31711	Ventura	Wheeler Springs	361	30	Potrero John Ck	86-B			M Eocene A-2 zone			
31712	Ventura	Wheeler Springs	361	31	Potrero John Ck	86-B			M Eocene A-2 zone			
31713	Ventura	Wheeler Springs	361	32	Potrero John Ck	86-B			M Eocene A-2 zone			
31714	Ventura	Wheeler Springs	361	35	Potrero John Ck	86-B			M Eocene A-2 zone			
31715	Ventura	Wheeler Springs	361	36	Potrero John Ck	86-B			M Eocene A-2 zone			
31716	Ventura	Wheeler Springs	362	31	Potrero John Ck	86-C			M Eocene A-2 zone			
31717	Ventura	Wheeler Springs	362	32	Potrero John Ck	86-C			M Eocene A-2 zone			
31718	Ventura	Wheeler Springs	362	33	Potrero John Ck	86-C			M Eocene A-2 zone			
31719	Ventura	Wheeler Springs	362	34	Potrero John Ck	86-C			M Eocene A-2 zone			
31720	Ventura	Wheeler Springs	362	35	Potrero John Ck	86-C			M Eocene A-2 zone			
31721	Ventura	Wheeler Springs	362	36	Potrero John Ck	86-C			M Eocene A-2 zone			
31722	Ventura	Wheeler Springs	362	37	Potrero John Ck	86-C			M Eocene A-2 zone			
31723	Ventura	Wheeler Springs	362	38	Potrero John Ck	86-C			M Eocene A-2 zone			
31724	Ventura	Wheeler Springs	362	40	Potrero John Ck	86-C			M Eocene A-2 zone			
31725	Ventura	Wheeler Springs	362	41	Potrero John Ck	86-C			M Eocene A-2 zone			
31726	Ventura	Wheeler Springs	362	42	Potrero John Ck	86-C			M Eocene A-2 zone			
31727	Ventura	Wheeler Springs	362	43	Potrero John Ck	86-C			M Eocene A-2 zone			
31728	Ventura	Wheeler Springs	362	44	Potrero John Ck	86-C			M Eocene A-2 zone			
31729	Ventura	Wheeler Springs	362	45	Potrero John Ck	86-C			M Eocene A-2 zone			
31730	Ventura	Wheeler Springs	362	46	Potrero John Ck	86-C			M Eocene A-2 zone			
31731	Ventura	Wheeler Springs	362	47	Potrero John Ck	86-C			M Eocene A-2 zone			
31732	Ventura	Wheeler Springs	362	48	Potrero John Ck	86-C			M Eocene A-2 zone			
31733	Ventura	Wheeler Springs	362	49	Potrero John Ck	86-C			M Eocene A-2 zone			
31734	Ventura	Wheeler Springs	362	50	Potrero John Ck	86-C			M Eocene A-2 zone			
31735	Ventura	Wheeler Springs	362	51	Potrero John Ck	86-C			M Eocene A-2 zone			
31736	Ventura	Wheeler Springs	362	52	Potrero John Ck	86-C			M Eocene A-2 zone			
31737	Ventura	Wheeler Springs	362	53	Potrero John Ck	86-C			M Eocene A-2 zone			
31738	Ventura	Wheeler Springs	362	54	Potrero John Ck	86-C			M Eocene A-2 zone			
31739	Ventura	Wheeler Springs	382	1	WC part of quad	82-H	see loc 355 for		M Eocene A-2 zone			
31740	Ventura	Wheeler Springs	382	2	WC part of quad	82-H	strat column		M Eocene A-2 zone			
31741	Ventura	Wheeler Springs	382	3	WC part of quad	82-H	Tule Creek on		M Eocene A-2 zone			
31742	Ventura	Wheeler Springs	382	5	WC part of quad	82-H	slide.		M Eocene A-2 zone			
31743	Ventura	Wheeler Springs	382	9	WC part of quad	82-H			M Eocene A-2 zone			
31744	Ventura	Wheeler Springs	382	11	WC part of quad	82-H			M Eocene A-2 zone			
31745	Ventura	Wheeler Springs	382	18	WC part of quad	82-H			M Eocene A-2 zone			
31746	Ventura	Wheeler Springs	382	20	WC part of quad	82-H			M Eocene A-2 zone			
31747	Ventura	Wheeler Springs	382	21	WC part of quad	82-H			M Eocene A-2 zone			
31748	Ventura	Wheeler Springs	382	22	WC part of quad	82-H			M Eocene A-2 zone			
31749	Ventura	Wheeler Springs	382	23	WC part of quad	82-H			M Eocene A-2 zone			
31750	Ventura	Wheeler Springs	382	24	WC part of quad	82-H			M Eocene A-2 zone			
31751	Ventura	Wheeler Springs	382	25	WC part of quad	82-H			M Eocene A-2 zone			
31752	Ventura	Wheeler Springs	382	27	WC part of quad	82-H			M Eocene A-2 zone			
31753	Ventura	Wheeler Springs	382	31	WC part of quad	82-H			M Eocene A-2 zone			
31754	Ventura	Wheeler Springs	382	33	WC part of quad	82-H			M Eocene A-2 zone			
31755	Ventura	Wheeler Springs	382	1A	WC part of quad	82-H			M Eocene A-2 zone			
31756	Ventura	Wheeler Springs	382	2A	WC part of quad	82-H			M Eocene A-2 zone			
31757	Ventura	Wheeler Springs	382	3A	WC part of quad	82-H			M Eocene A-2 zone			
31758	Ventura	Wheeler Springs	382	4A	WC part of quad	82-H			M Eocene A-2 zone			
31759	Ventura	Wheeler Springs	382	5A	WC part of quad	82-H			M Eocene A-2 zone			
31760	Ventura	Wheeler Springs	439	1	Sandstone camp	56-l	paleo check list	see file	Upper Eocene			
31761	Ventura	Wheeler Springs	439	2	Sandstone camp	56-l	paleo check list	# 357	Upper Eocene			
31762	Ventura	Wheeler Springs	439	3	Sandstone camp	56-l	paleo check list		Upper Eocene			
31763	Ventura	Wheeler Springs	6292		Sespe Creek	54-H	see list # 357	strat column	Eocene			
31764	Ventura	Wheeler Springs	6293		Sespe Creek	54-H	see list # 357	strat column	Eocene			
31765	Ventura	Wheeler Springs	6293	dupe	Sespe Creek	54-H	see list # 357	strat column	Eocene			
31766	Ventura	Wheeler Springs	6294		Sespe Creek	54-H	see list # 357	strat column	Eocene			
31767	Ventura	Wheeler Springs	6295		Sespe Creek	54-H	see list # 357	strat column	Eocene			
31768	Ventura	Wheeler Springs	6313		Sandstone Camp	70-C	see list # 357	strat column	Eocene			
31769	Ventura	Wheeler Springs	6412		Sespe Gorge	53-E		strat column	Eocene			
31770	Ventura	Wheeler Springs	6413		Sespe Gorge	53-E		strat column	Eocene			
31771	Ventura	Wheeler Springs	6414		Sespe Gorge	53-E		strat column	Eocene			
31772	Ventura	Wheeler Springs	6700		Hwy 399 (now 33)	60-H			Cretaceous			
31773	Ventura	Wheeler Springs	6701		Hwy 399 (now 33)	60-H		abun planktics	Paleocene			
31774	Ventura	Wheeler Springs	22355	2	NW corner of quad	144-J			no paleo info			
31775	Ventura	Wheeler Springs	22355	3	NW corner of quad	144-J			no paleo info			
31776	Ventura	Wheeler Springs	22355	4	NW corner of quad	144-J			no paleo info			
31777	Ventura	Wheeler Springs	22355	5A	NW corner of quad	144-J			no paleo info			
31778	Ventura	Wheeler Springs	22355	5B	NW corner of quad	144-J			no paleo info			
31779	Ventura	Wheeler Springs	22355	8	NW corner of quad	144-J			no paleo info			
31780	Ventura	Wheeler Springs	22355	2RW	NW corner of quad	144-J			no paleo info			
31781	Ventura	Wheeler Springs	22355	3RW	NW corner of quad	144-J			no paleo info			
31782	Ventura	Whitaker Peak	61	1	SW corner of quad	D-6	well site		no age given			
31783	Ventura	Whitaker Peak	61	2	SW corner of quad	D-6	McBurney # 1		no age given			
31784	Ventura	Whitaker Peak	61	3	SW corner of quad	D-6			no age given			
31785	Ventura	Whitaker Peak	343	1	Canton Canyon	56-K	see loc 167 for	Age from	Eocene	Shepard		
31786	Ventura	Whitaker Peak	343	2	Canton Canyon	56-K	foram and mollusk	slide but have	Eocene	Shepard		
31787	Ventura	Whitaker Peak	343	3	Canton Canyon	56-K	check list.	paleo cards	Eocene	Shepard		

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		
31788	Ventura	Whitaker Peak	343	4	Canton Canyon	56-K			Eocene	Shepard		
31789	Ventura	Whitaker Peak	343	5	Canton Canyon	56-K			Eocene	Shepard		
31790	Ventura	Whitaker Peak	343	6	Canton Canyon	56-K	#s 4 and 5 have		Eocene	Shepard		
31791	Ventura	Whitaker Peak	343	7	Canton Canyon	56-K	Discocyclina		Eocene	Shepard		
31792	Ventura	Whitaker Peak	343	8	Canton Canyon	56-K			Eocene	Shepard		
31793	Ventura	Whitaker Peak	343	9	Canton Canyon	56-K	UCLA thesis		Eocene	Shepard		
31794	Ventura	Whitaker Peak	343	10	Canton Canyon	56-K			Eocene	Shepard		
31795	Ventura	Whitaker Peak	343	11	Canton Canyon	56-K			Eocene	Shepard		
31796	Ventura	Whitaker Peak	343	12	Canton Canyon	56-K			Eocene	Shepard		
31797	Ventura	Whitaker Peak	343	13	Canton Canyon	56-K			Eocene	Shepard		
31798	Ventura	Whitaker Peak	343	16	Canton Canyon	56-K			Eocene	Shepard		
31799	Ventura	Whitaker Peak	343	18	Canton Canyon	56-K			Eocene	Shepard		
31800	Ventura	Whitaker Peak	343	20	Canton Canyon	56-K			Eocene	Shepard		
31801	Ventura	Whitaker Peak	343	21	Canton Canyon	56-K			Eocene	Shepard		
31802	Ventura	Whitaker Peak	343	22	Canton Canyon	56-K			Eocene	Shepard		
31803	Ventura	Whitaker Peak	343	23	Canton Canyon	56-K			Eocene	Shepard		
31804	Ventura	Whitaker Peak	343	24	Canton Canyon	56-K			Eocene	Shepard		
31805	Ventura	Whitaker Peak	343	25	Canton Canyon	56-K			Eocene	Shepard		
31806	Ventura	Whitaker Peak	343	26	Canton Canyon	56-K			Eocene	Shepard		
31807	Los Angeles	Whitaker Peak	382	1	EC part of quad	49-J	old Violin Cyn Quad		prob Upper Miocene			
31808	Los Angeles	Whitaker Peak	382	2	EC part of quad	49-J	old Violin Cyn Quad		prob Upper Miocene			
31809	Los Angeles	Whitaker Peak	382	3	EC part of quad	49-J	old Violin Cyn Quad		prob Upper Miocene			
31810	Los Angeles	Whitaker Peak	382	4	EC part of quad	49-J	old Violin Cyn Quad		prob Upper Miocene			
31811	Los Angeles	Whitaker Peak	382	5	EC part of quad	49-J	old Violin Cyn Quad		prob Upper Miocene			
31812	Los Angeles	Whitaker Peak	382	6	EC part of quad	49-J	old Violin Cyn Quad		prob Upper Miocene			
31813	Los Angeles	Whitaker Peak	382	7	EC part of quad	49-J	old Violin Cyn Quad		prob Upper Miocene			
31814	Los Angeles	Whitaker Peak	382	8	EC part of quad	49-J	old Violin Cyn Quad		prob Upper Miocene			
31815	Los Angeles	Whitaker Peak	382	9	EC part of quad	49-J	old Violin Cyn Quad		prob Upper Miocene			
31816	Los Angeles	Whitaker Peak	382	10	EC part of quad	49-J	old Violin Cyn Quad		prob Upper Miocene			
31817	Los Angeles	Whitaker Peak	382	11	EC part of quad	49-J	old Violin Cyn Quad		prob Upper Miocene			
31818	Los Angeles	Whitaker Peak	382	12	EC part of quad	49-J	old Violin Cyn Quad		prob Upper Miocene			
31819	Los Angeles	Whitaker Peak	382	13	EC part of quad	49-J	old Violin Cyn Quad		prob Upper Miocene			
31820	Los Angeles	Whitaker Peak	382	14	EC part of quad	49-J	old Violin Cyn Quad		prob Upper Miocene			
31821	Los Angeles	Whitaker Peak	382	15	EC part of quad	49-J	old Violin Cyn Quad		prob Upper Miocene			
31822	Los Angeles	Whitaker Peak	382	16	EC part of quad	49-J	old Violin Cyn Quad		prob Upper Miocene			
31823	Los Angeles	Whitaker Peak	382	16A	EC part of quad	49-J	old Violin Cyn Quad		prob Upper Miocene			
31824	Los Angeles	Whitaker Peak	382	17	EC part of quad	49-J	old Violin Cyn Quad		prob Upper Miocene			
31825	Los Angeles	Whitaker Peak	383	1	EC part of quad	49-I			Mostly not diagnostic			
31826	Los Angeles	Whitaker Peak	383	2	EC part of quad	49-I			Mostly not diagnostic			
31827	Los Angeles	Whitaker Peak	383	3	EC part of quad	49-I			Mostly not diagnostic			
31828	Los Angeles	Whitaker Peak	383	4	EC part of quad	49-I			Mostly not diagnostic			
31829	Los Angeles	Whitaker Peak	383	5	EC part of quad	49-I			Mostly not diagnostic			
31830	Los Angeles	Whitaker Peak	383	6	EC part of quad	49-I			Mostly not diagnostic			
31831	Los Angeles	Whitaker Peak	383	7	EC part of quad	49-I			Mostly not diagnostic			
31832	Los Angeles	Whitaker Peak	383	8	EC part of quad	49-I			Mostly not diagnostic			
31833	Los Angeles	Whitaker Peak	383	9	EC part of quad	49-I			Mostly not diagnostic			
31834	Los Angeles	Whitaker Peak	383	10	EC part of quad	49-I			Mostly not diagnostic			
31835	Los Angeles	Whitaker Peak	383	11	EC part of quad	49-I			Mostly not diagnostic			
31836	Los Angeles	Whitaker Peak	383	12	EC part of quad	49-I			Mostly not diagnostic			
31837	Los Angeles	Whitaker Peak	383	14	EC part of quad	49-I			Mostly not diagnostic			
31838	Los Angeles	Whitaker Peak	383	15	EC part of quad	49-I			Mostly not diagnostic			
31839	Los Angeles	Whitaker Peak	383	16	EC part of quad	49-I			Mostly not diagnostic			
31840	Los Angeles	Whitaker Peak	383	17	EC part of quad	49-J			Mostly not diagnostic			
31841	Los Angeles	Whitaker Peak	383	18	EC part of quad	49-J			Mostly not diagnostic			
31842	Los Angeles	Whitaker Peak	383	19	EC part of quad	49-J			Mostly not diagnostic			
31843	Los Angeles	Whitaker Peak	383	20	EC part of quad	49-J			Mostly not diagnostic			
31844	Los Angeles	Whitaker Peak	383	21	EC part of quad	49-J			Mostly not diagnostic			
31845	Los Angeles	Whitaker Peak	383	22	EC part of quad	49-J			Mostly not diagnostic			
31846	Los Angeles	Whitaker Peak	383	24	EC part of quad	49-J			Mostly not diagnostic			
31847	Los Angeles	Whitaker Peak	383	25	EC part of quad	49-J			Mostly not diagnostic			
31848	Los Angeles	Whitaker Peak	383	26	EC part of quad	49-J			Mostly not diagnostic			
31849	Los Angeles	Whitaker Peak	383	28	EC part of quad	49-J			Mostly not diagnostic			
31850	Los Angeles	Whitaker Peak	383	30	EC part of quad	49-J			Mostly not diagnostic			
31851	Los Angeles	Whitaker Peak	383	40	EC part of quad	49-J			Mostly not diagnostic			
31852	Los Angeles	Whitaker Peak	383	42	EC part of quad	49-J			Mostly not diagnostic			
31853	Los Angeles	Whitaker Peak	383	43	EC part of quad	49-J			Mostly not diagnostic			
31854	Los Angeles	Whitaker Peak	383	44	EC part of quad	49-J			Mostly not diagnostic			
31855	Los Angeles	Whitaker Peak	383	45	EC part of quad	49-J			Mostly not diagnostic			
31856	Los Angeles	Whitaker Peak	383	46	EC part of quad	49-J			Mostly not diagnostic			
31857	Los Angeles	Whitaker Peak	383	54	EC part of quad	49-J			Mostly not diagnostic			
31858	Los Angeles	Whitaker Peak	383	55	EC part of quad	49-J			Mostly not diagnostic			
31859	Los Angeles	Whitaker Peak	383	56	EC part of quad	49-J			Mostly not diagnostic			
31860	Los Angeles	Whitaker Peak	383	58	EC part of quad	49-J			Mostly not diagnostic			
31861	Los Angeles	Whitaker Peak	383	59	EC part of quad	49-J			Mostly not diagnostic			
31862	Los Angeles	Whitaker Peak	383	60	EC part of quad	49-J			Mostly not diagnostic			
31863	Los Angeles	Whitaker Peak	383	65	EC part of quad	49-J			Mostly not diagnostic			
31864	Los Angeles	Whitaker Peak	383	66	EC part of quad	49-J			Mostly not diagnostic			
31865	Los Angeles	Whitaker Peak	383	67	EC part of quad	49-J			Mostly not diagnostic			
31866	Los Angeles	Whitaker Peak	383	68	EC part of quad	49-J			Mostly not diagnostic			
31867	Los Angeles	Whitaker Peak	383	69	EC part of quad	49-J			Mostly not diagnostic			
31868	Los Angeles	Whitaker Peak	383	70	EC part of quad	49-J			Mostly not diagnostic			
31869	Los Angeles	Whitaker Peak	384	12	Necktie Canyon	50-F			probably Pliocene			
31870	Los Angeles	Whitaker Peak	446	2	SW corner of quad	55-L	so-called Stockton	age on slide	Miocene			
31871	Los Angeles	Whitaker Peak	446	3	SW corner of quad	55-L	Canyon (name not	age on slide	Miocene			
31872	Los Angeles	Whitaker Peak	446	4	SW corner of quad	55-L	accepted by NGIS	age on slide	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/AGI	COLLECTORS		
31873	Los Angeles	Whitaker Peak	446	5A	SW corner of quad	55-L		age on slide	Miocene			
31874	Los Angeles	Whitaker Peak	446	7	SW corner of quad	55-L		age on slide	Miocene			
31875	Los Angeles	Whitaker Peak	446	8	SW corner of quad	55-L		age on slide	Miocene			
31876	Los Angeles	Whitaker Peak	446	9	SW corner of quad	55-L		age on slide	Miocene			
31877	Los Angeles	Whitaker Peak	446	10	SW corner of quad	55-L		age on slide	Miocene			
31878	Los Angeles	Whitaker Peak	462	13	Fish Canyon	60-G	Cienega Camp		not diagnostic			
31879	Los Angeles	Whitaker Peak	462	14	Fish Canyon	60-G	Cienega Camp		not diagnostic			
31880	Los Angeles	Whitaker Peak	462	15	Fish Canyon	60-G	Cienega Camp		not diagnostic			
31881	Los Angeles	Whitaker Peak	462	19	Fish Canyon	60-G	Cienega Camp		Eocene?			
31882	Los Angeles	Whitaker Peak	462	21	Fish Canyon	60-G	Cienega Camp		not diagnostic			
31883	Los Angeles	Whitaker Peak	462	24	Fish Canyon	60-G	Cienega Camp		not diagnostic			
31884	Los Angeles	Whitaker Peak	2062		NC part of quad	18-D			no paleo info	Weh		
31885	Los Angeles	Whitaker Peak	2063		NC part of quad	18-D			no paleo info	Weh		
31886	Los Angeles	Whitaker Peak	2064		NC part of quad	18-D			no paleo info	Weh		
31887	Los Angeles	Whitaker Peak	2065		NC part of quad	18-D			no paleo info	Weh		
31888	Los Angeles	Whitaker Peak	2066		NC part of quad	18-D			no paleo info	Weh		
31889	Los Angeles	Whitaker Peak	2067		NC part of quad	18-D			no paleo info	Weh		
31890	Los Angeles	Whitaker Peak	2068		NC part of quad	18-D			no paleo info	Weh		
31891	Los Angeles	Whitaker Peak	2069		NC part of quad	18-D			no paleo info	Weh		
31892	Los Angeles	Whitaker Peak	2070		NC part of quad	18-D			no paleo info	Weh		
31893	Los Angeles	Whitaker Peak	2071		NC part of quad	31-L			no paleo info	Weh		
31894	Los Angeles	Whitaker Peak	2072		NC part of quad	31-L			no paleo info	Weh		
31895	Los Angeles	Whitaker Peak	2075		NC part of quad	31-L			no paleo info	Weh		
31896	Los Angeles	Whitaker Peak	2076		NC part of quad	18-D			no paleo info	Weh		
31897	Los Angeles	Whitaker Peak	2077		NC part of quad	18-D	Temblo Range		no paleo info	Weh		
31898	Los Angeles	Whitaker Peak	2078		NC part of quad	18-D			no paleo info	Weh		
31899	Los Angeles	Whitaker Peak	2079		NC part of quad	18-D			no paleo info	Weh		
31900	Los Angeles	Whitaker Peak	2080		NC part of quad	18-D			no paleo info	Weh		
31901	Los Angeles	Whitaker Peak	2081		NC part of quad	18-D			no paleo info	Weh		
31902	Los Angeles	Whitaker Peak	2082		NC part of quad	18-D	Temblo Range		no paleo info	Weh		
31903	Los Angeles	Whitaker Peak	2083		NC part of quad	18-D			no paleo info	Weh		
31904	Los Angeles	Whitaker Peak	2084		NC part of quad	18-D			no paleo info	Weh		
31905	Los Angeles	Whitaker Peak	2085		NC part of quad	18-D			no paleo info	Weh		
31906	Los Angeles	Whitaker Peak	2087		NC part of quad	18-D			no paleo info	Weh		
31907	Los Angeles	Whitaker Peak	2091		NC part of quad	12-I	old Violin Cyn Quad		no paleo info			
31908	Los Angeles	Whitaker Peak	2092		NC part of quad	12-I	old Violin Cyn Quad		no paleo info			
31909	Los Angeles	Whitaker Peak	5164		Canton Canyon	43-J			no paleo info			
31910	Los Angeles	Whitaker Peak	5165		Canton Canyon	43-J			no paleo info			
31911	Los Angeles	Whitaker Peak	6321		Old Ridge Route	49-G	old Violin Cyn Q		Upper Miocene			
31912	Los Angeles	Whitaker Peak	6322		Old Ridge Route	49-G	old Violin Cyn Q		Upper Miocene			
31913	Los Angeles	Whitaker Peak	6323		Old Ridge Route	49-G	old Violin Cyn Q		Upper Miocene			
31914	Los Angeles	Whitaker Peak	6324		Old Ridge Route	49-G	old Violin Cyn Q		nonmarine			
31915	Los Angeles	Whitaker Peak	6326		Martins area	49-G	old Violin Cyn Q		no paleo info	Galloway		
31916	Los Angeles	Whitaker Peak	6327		Martins area	49-G	old Violin Cyn Q		no paleo info	Galloway		
31917	Los Angeles	Whitaker Peak	6328		Castaic Creek	49-G	old Violin Cyn Q	ostracods	no paleo info	Galloway		
31918	Santa Barbara	White Ledge Peak	3	42	SW corner of quad	6-M			Luisian			
31919	Santa Barbara	White Ledge Peak	3	43	SW corner of quad	6-M			Luisian			
31920	Santa Barbara	White Ledge Peak	3	44	SW corner of quad	6-M			Luisian			
31921	Santa Barbara	White Ledge Peak	3	45	SW corner of quad	6-M			Luisian?			
31922	Santa Barbara	White Ledge Peak	3	47	SW corner of quad	6-M			Luisian?			
31923	Ventura	White Ledge Peak	559	2	Los Sauces Creek	64-I			no paleo info			
31924	Ventura	White Ledge Peak	559	13	Los Sauces Creek	64-I			no paleo info			
31925	Ventura	White Ledge Peak	559	14	Los Sauces Creek	64-I			no paleo info			
31926	Ventura	White Ledge Peak	559	15	Los Sauces Creek	64-I			no paleo info			
31927	Ventura	White Ledge Peak	559	16	Los Sauces Creek	64-I			no paleo info			
31928	Ventura	White Ledge Peak	559	17	Los Sauces Creek	64-I			no paleo info			
31929	Ventura	White Ledge Peak	559	17	Los Sauces Creek	64-I			no paleo info			
31930	Ventura	White Ledge Peak	559	18	Los Sauces Creek	64-I			no paleo info			
31931	Ventura	White Ledge Peak	559	19	Los Sauces Creek	64-I			no paleo info			
31932	Ventura	White Ledge Peak	559	20	Los Sauces Creek	64-I			no paleo info			
31933	Ventura	White Ledge Peak	559	20	Los Sauces Creek	64-I			no paleo info			
31934	Ventura	White Ledge Peak	559	21	Los Sauces Creek	64-I			no paleo info			
31935	Ventura	White Ledge Peak	559	22	Los Sauces Creek	64-I			no paleo info			
31936	Ventura	White Ledge Peak	559	22	Los Sauces Creek	64-I			no paleo info			
31937	Ventura	White Ledge Peak	559	23	Los Sauces Creek	64-I			no paleo info			
31938	Ventura	White Ledge Peak	559	24	Los Sauces Creek	64-I			no paleo info			
31939	Ventura	White Ledge Peak	559	25	Los Sauces Creek	64-I			no paleo info			
31940	Ventura	White Ledge Peak	559	26	Los Sauces Creek	64-I			no paleo info			
31941	Ventura	White Ledge Peak	559	26	Los Sauces Creek	64-I			no paleo info			
31942	Ventura	White Ledge Peak	559	27	Los Sauces Creek	64-I			no paleo info			
31943	Ventura	White Ledge Peak	559	27	Los Sauces Creek	64-I			no paleo info			
31944	Ventura	White Ledge Peak	559	28	Los Sauces Creek	64-I			no paleo info			
31945	Ventura	White Ledge Peak	559	28	Los Sauces Creek	64-I			no paleo info			
31946	Ventura	White Ledge Peak	559	29	Los Sauces Creek	64-I			no paleo info			
31947	Ventura	White Ledge Peak	559	29	Los Sauces Creek	64-I			no paleo info			
31948	Ventura	White Ledge Peak	559	30	Los Sauces Creek	64-I			no paleo info			
31949	Ventura	White Ledge Peak	559	30	Los Sauces Creek	64-I			no paleo info			
31950	Ventura	White Ledge Peak	559	31	Los Sauces Creek	64-I			no paleo info			
31951	Ventura	White Ledge Peak	559	31	Los Sauces Creek	64-I			no paleo info			
31952	Ventura	White Ledge Peak	559	32	Los Sauces Creek	64-I			no paleo info			
31953	Ventura	White Ledge Peak	1012		E of Rincon Creek	5-E			Middle Miocene			
31954	Ventura	White Ledge Peak	1013		E of Rincon Creek	5-E			Upper Saucian			
31955	Ventura	White Ledge Peak	1014		E of Rincon Creek	5-E			Pliocene			
31956	Ventura	White Ledge Peak	1015		E of Rincon Creek	5-E			Pliocene			
31957	Ventura	White Ledge Peak	1016		E of Rincon Creek	5-E			Miocene			

Chevron data # 2

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		
31958	Ventura	White Ledge Peak	1017		E of Rincon Creek	5-E			Mohnian			
31959	Ventura	White Ledge Peak	1018		E of Rincon Creek	5-E			Mohnian			
31960	Santa Barbara	White Ledge Peak	6106		NW part of quad	105-F			no paleo info			
31961	Santa Barbara	White Ledge Peak	6107		NW part of quad	105-F			no paleo info			
31962	Santa Barbara	White Ledge Peak	6109		NW part of quad	105-F			no paleo info			
31963	Los Angeles	White Ledge Peak	6329		NE part of quad	49-G			no paleo info	Galloway		
31964	Santa Barbara	White Ledge Peak	30963	1	SW corner of quad	101-D	Ages from paleo	abun planktics	Miocene			
31965	Santa Barbara	White Ledge Peak	30963	1	SW corner of quad	118-I	cards and Kleinpell		no paleo info			
31966	Santa Barbara	White Ledge Peak	30963	3	SW corner of quad	101-D		abun planktics	Miocene			
31967	Santa Barbara	White Ledge Peak	30963	3	SW corner of quad	118-I			no paleo info			
31968	Santa Barbara	White Ledge Peak	30963	5	SW corner of quad	118-I			prob L Miocene			
31969	Santa Barbara	White Ledge Peak	30963	6	SW corner of quad	118-I			Saucesian			
31970	Riverside	White Water	5588		Painted Hill area	10-B	not on map	Palm Spr 15'	no age info			
31971	Riverside	White Water	5589		Painted Hill area	10-B	not on map	Palm Spr 15'	no age info			
31972	Riverside	White Water	10026	1	Painted Hill	22-D	Palm Springs 15'	Imperial Fm	Miocene			
31973	Riverside	White Water	10026	3	Painted Hill	22-D	Palm Springs 15'	Imperial Fm	Miocene			
31974	Riverside	White Water	10026	5	Painted Hill	22-D	Palm Springs 15'	Imperial Fm	Miocene			
31975	Riverside	White Water	10026	6	Painted Hill	22-D	Palm Springs 15'	Imperial Fm	Miocene			
31976	Riverside	White Water	10026	7	Painted Hill	22-D	Palm Springs 15'	Imperial Fm	Miocene			
31977	Riverside	White Water	10026	9	Painted Hill	22-D	Palm Springs 15'	Imperial Fm	Miocene			
31978	Riverside	White Water	10026	10	Painted Hill	22-D	Palm Springs 15'	Imperial Fm	Miocene			
31979	Riverside	White Water	10026	11	Painted Hill	22-D	Palm Springs 15'	Imperial Fm	Miocene			
31980	Riverside	White Water	10026	12	Painted Hill	22-D	Palm Springs 15'	Imperial Fm	Miocene			
31981	Los Angeles	Whittier	366	1	NE corner of quad	65-G			Mohnian?			
31982	Los Angeles	Whittier	366	2	NE corner of quad	65-G			Delmontian?			
31983	Los Angeles	Whittier	366	3	NE corner of quad	65-G			no age provided			
31984	Los Angeles	Whittier	366	4	NE corner of quad	65-G			no age provided			
31985	Los Angeles	Whittier	557	1	Turnbull Canyon	62-B			no age provided			
31986	Los Angeles	Whittier	557	2	Turnbull Canyon	62-B			no age provided			
31987	Los Angeles	Whittier	557	3	Turnbull Canyon	62-B			no age provided			
31988	Los Angeles	Whittier	557	4	Turnbull Canyon	62-B			no age provided			
31989	Los Angeles	Whittier	557	5	Turnbull Canyon	62-B			no age provided			
31990	Los Angeles	Whittier	557	6	Turnbull Canyon	62-B			no age provided			
31991	Los Angeles	Whittier	557	7	Turnbull Canyon	62-B			no age provided			
31992	Los Angeles	Whittier	557	8	Turnbull Canyon	62-B			no age provided			
31993	Los Angeles	Whittier	557	9	Turnbull Canyon	62-B			no age provided			
31994	Los Angeles	Whittier	557	10	Turnbull Canyon	62-B			no age provided			
31995	Los Angeles	Whittier	597	1	Trunbull Canyon	73-M			not diagnostic			
31996	Los Angeles	Whittier	597	2	Trunbull Canyon	73-M			barren			
31997	Los Angeles	Whittier	597	3	Trunbull Canyon	73-M			barren			
31998	Los Angeles	Whittier	597	4	Trunbull Canyon	73-M			barren			
31999	Los Angeles	Whittier	597	4A	Trunbull Canyon	73-M			barren			
32000	Los Angeles	Whittier	597	5	Trunbull Canyon	73-M			barren			
32001	Los Angeles	Whittier	597	6	Trunbull Canyon	73-M			barren			
32002	Los Angeles	Whittier	597	8	Trunbull Canyon	73-M			barren			
32003	Los Angeles	Whittier	597	9	Trunbull Canyon	73-M			not diagnostic			
32004	Los Angeles	Whittier	597	10	Trunbull Canyon	73-M			barren			
32005	Los Angeles	Whittier	597	11	Trunbull Canyon	73-M			barren			
32006	Los Angeles	Whittier	597	12	Trunbull Canyon	73-M			barren			
32007	Los Angeles	Whittier	597	13	Trunbull Canyon	73-M			barren			
32008	Los Angeles	Whittier	597	14	Trunbull Canyon	73-M			barren			
32009	Los Angeles	Whittier	597	15	Trunbull Canyon	73-M			barren			
32010	Los Angeles	Whittier	597	16	Trunbull Canyon	73-M			not diagnostic			
32011	Los Angeles	Whittier	597	17	Trunbull Canyon	73-M			barren			
32012	Los Angeles	Whittier	597	18	Trunbull Canyon	73-M			not diagnostic			
32013	Los Angeles	Whittier	597	19	Trunbull Canyon	73-M			not diagnostic			
32014	Los Angeles	Whittier	597	20	Trunbull Canyon	73-M			barren			
32015	Los Angeles	Whittier	597	21	Trunbull Canyon	73-M			barren			
32016	Los Angeles	Whittier	597	22	Trunbull Canyon	73-M			not diagnostic			
32017	Los Angeles	Whittier	597	23	Trunbull Canyon	73-M			barren			
32018	Los Angeles	Whittier	597	24	Trunbull Canyon	73-M			not diagnostic			
32019	Los Angeles	Whittier	597	25	Trunbull Canyon	73-M			not diagnostic			
32020	Los Angeles	Whittier	597	26	Trunbull Canyon	73-M			barren			
32021	Los Angeles	Whittier	597	27	Trunbull Canyon	73-M			not diagnostic			
32022	Los Angeles	Whittier	597	28	Trunbull Canyon	73-M			barren			
32023	Los Angeles	Whittier	597	29	Trunbull Canyon	73-M			not diagnostic			
32024	Los Angeles	Whittier	597	30	Trunbull Canyon	73-M			barren			
32025	Los Angeles	Whittier	597	31	Trunbull Canyon	73-M			not diagnostic			
32026	Los Angeles	Whittier	598	3	East Whittier	74-C	upper Repetto Fm		Pliocene			
32027	Los Angeles	Whittier	598	4	East Whittier	74-C	upper Repetto Fm		Pliocene			
32028	Los Angeles	Whittier	598	5	East Whittier	74-C	upper Repetto Fm		Pliocene			
32029	Los Angeles	Whittier	598	6	East Whittier	74-C	upper Repetto Fm		Pliocene			
32030	Los Angeles	Whittier	598	7	East Whittier	74-C	upper Repetto Fm		Pliocene			
32031	Los Angeles	Whittier	598	8	East Whittier	74-C	upper Repetto Fm		Pliocene			
32032	Los Angeles	Whittier	598	9	East Whittier	74-C	upper Repetto Fm		Pliocene			
32033	Los Angeles	Whittier	598	10	East Whittier	74-C	upper Repetto Fm		Pliocene			
32034	Los Angeles	Whittier	598	11	East Whittier	74-C	upper Repetto Fm		Pliocene			
32035	Los Angeles	Whittier	598	12	East Whittier	74-C	upper Repetto Fm		Pliocene			
32036	Los Angeles	Whittier	598	13	East Whittier	74-C	upper Repetto Fm		Pliocene			
32037	Los Angeles	Whittier	598	14	East Whittier	74-C	upper Repetto Fm		Pliocene			
32038	Los Angeles	Whittier	598	15	East Whittier	74-C	upper Repetto Fm		Pliocene			
32039	Los Angeles	Whittier	598	16	East Whittier	74-C	upper Repetto Fm		Pliocene			
32040	Los Angeles	Whittier	598	17	East Whittier	74-C	upper Repetto Fm		Pliocene			
32041	Los Angeles	Whittier	598	18	East Whittier	74-C	upper Repetto Fm		Pliocene			
32042	Los Angeles	Whittier	598	19	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		
32128	Los Angeles	Whittier	601	25	East Whittier	74-H			Pliocene			
32129	Los Angeles	Whittier	601	26	East Whittier	74-H			Pliocene			
32130	Los Angeles	Whittier	601	27	East Whittier	74-H			Pliocene			
32131	Los Angeles	Whittier	601	28	East Whittier	74-H			Pliocene			
32132	Los Angeles	Whittier	601	28A	East Whittier	74-H			Pliocene			
32133	Los Angeles	Whittier	601	29	East Whittier	74-H			Pliocene			
32134	Los Angeles	Whittier	601	29A	East Whittier	74-H			Pliocene			
32135	Los Angeles	Whittier	601	30	East Whittier	74-H			Pliocene			
32136	Los Angeles	Whittier	601	31	East Whittier	74-H			Pliocene			
32137	Los Angeles	Whittier	601	31A	East Whittier	74-H			Pliocene			
32138	Los Angeles	Whittier	601	32	East Whittier	74-H			Pliocene			
32139	Los Angeles	Whittier	601	33	East Whittier	74-H			Pliocene			
32140	Los Angeles	Whittier	601	34	East Whittier	74-H			Pliocene			
32141	Los Angeles	Whittier	601	34A	East Whittier	74-H			Pliocene			
32142	Los Angeles	Whittier	601	35	East Whittier	74-H			Pliocene			
32143	Los Angeles	Whittier	601	36	East Whittier	74-H			Pliocene			
32144	Los Angeles	Whittier	601	37	East Whittier	74-H			Pliocene			
32145	Los Angeles	Whittier	601	38	East Whittier	74-H			Pliocene			
32146	Los Angeles	Whittier	601	39	East Whittier	74-H			Pliocene			
32147	Los Angeles	Whittier	601	40	East Whittier	74-H			Pliocene			
32148	Los Angeles	Whittier	601	41	East Whittier	74-H			Pliocene			
32149	Los Angeles	Whittier	601	42	East Whittier	74-H			Pliocene			
32150	Los Angeles	Whittier	601	43	East Whittier	74-H			Pliocene			
32151	Los Angeles	Whittier	601	44	East Whittier	74-H			Pliocene			
32152	Los Angeles	Whittier	601	45	East Whittier	74-H			Pliocene			
32153	Los Angeles	Whittier	601	46	East Whittier	74-H			Pliocene			
32154	Los Angeles	Whittier	601	47	East Whittier	74-H			Pliocene			
32155	Los Angeles	Whittier	601	48	East Whittier	74-H			Delmontian			
32156	Los Angeles	Whittier	601	49	East Whittier	74-H			Delmontian			
32157	Los Angeles	Whittier	601	50	East Whittier	74-I			Delmontian			
32158	Los Angeles	Whittier	601	51	East Whittier	74-I			Delmontian			
32159	Los Angeles	Whittier	601	52	East Whittier	74-I			Delmontian			
32160	Los Angeles	Whittier	601	53	East Whittier	74-I			Delmontian			
32161	Los Angeles	Whittier	601	54	East Whittier	74-I			Delmontian			
32162	Los Angeles	Whittier	601	55	East Whittier	74-I			Delmontian			
32163	Los Angeles	Whittier	601	56	East Whittier	74-I			Delmontian			
32164	Los Angeles	Whittier	601	57	East Whittier	74-I			Delmontian			
32165	Los Angeles	Whittier	601	58	East Whittier	74-I			Delmontian			
32166	Los Angeles	Whittier	605	2	East Whittier	73-L	loc # 598		Pliocene			
32167	Los Angeles	Whittier	605	3	East Whittier	73-L			Pliocene			
32168	Los Angeles	Whittier	605	4	East Whittier	73-L			Pliocene			
32169	Los Angeles	Whittier	605	5	East Whittier	73-L			Pliocene			
32170	Los Angeles	Whittier	625	1	Whittier College	73-N			barren			
32171	Los Angeles	Whittier	625	2	Whittier College	73-N			no age provided			
32172	Los Angeles	Whittier	625	3	Whittier College	73-N			no age provided			
32173	Los Angeles	Whittier	625	4	Whittier College	73-N			no age provided			
32174	Los Angeles	Whittier	625	5	Whittier College	73-N			no age provided			
32175	Los Angeles	Whittier	625	6	Whittier College	73-N			barren			
32176	Los Angeles	Whittier	625	7	Whittier College	73-N			barren			
32177	Los Angeles	Whittier	625	8	Whittier College	73-N			barren			
32178	Los Angeles	Whittier	625	9	Whittier College	73-N			barren			
32179	Los Angeles	Whittier	625	10	Whittier College	73-N			no age provided			
32180	Los Angeles	Whittier	625	11	Whittier College	73-N			no age provided			
32181	Los Angeles	Whittier	627	51	East Whittier	75-A			Pliocene			
32182	Los Angeles	Whittier	627	52	East Whittier	75-A			Pliocene			
32183	Los Angeles	Whittier	627	53	East Whittier	75-A			Pliocene			
32184	Los Angeles	Whittier	627	54	East Whittier	75-A			Pliocene			
32185	Los Angeles	Whittier	627	55	East Whittier	75-A			Pliocene			
32186	Los Angeles	Whittier	627	56	East Whittier	75-A			Pliocene			
32187	Los Angeles	Whittier	627	57	East Whittier	75-A			Pliocene			
32188	Los Angeles	Whittier	627	58	East Whittier	75-A			Pliocene			
32189	Los Angeles	Whittier	627	59	East Whittier	75-A			Pliocene			
32190	Los Angeles	Whittier	627	60	East Whittier	75-A			Pliocene			
32191	Los Angeles	Whittier	627	61	East Whittier	75-A			Pliocene			
32192	Los Angeles	Whittier	627	62	East Whittier	75-A			Pliocene			
32193	Los Angeles	Whittier	627	63	East Whittier	75-A			Pliocene			
32194	Los Angeles	Whittier	627	64	East Whittier	75-A			Pliocene			
32195	Los Angeles	Whittier	627	65	East Whittier	75-A			Pliocene			
32196	Los Angeles	Whittier	627	66	East Whittier	75-A			Pliocene			
32197	Los Angeles	Whittier	627	67	East Whittier	75-A			Pliocene			
32198	Los Angeles	Whittier	627	68	East Whittier	75-A			Pliocene			
32199	Los Angeles	Whittier	627	69	East Whittier	75-A			Pliocene			
32200	Los Angeles	Whittier	627	70	East Whittier	75-A			Pliocene			
32201	Los Angeles	Whittier	627	71	East Whittier	75-A			Pliocene			
32202	Los Angeles	Whittier	627	72	East Whittier	75-A			Pliocene			
32203	Los Angeles	Whittier	627	73	East Whittier	75-A			Pliocene			
32204	Los Angeles	Whittier	627	74	East Whittier	75-A			Pliocene			
32205	Los Angeles	Whittier	627	75	East Whittier	75-A			Pliocene			
32206	Los Angeles	Whittier	627	76	East Whittier	75-A			Pliocene			
32207	Los Angeles	Whittier	627	77	East Whittier	75-A			Pliocene			
32208	Los Angeles	Whittier	627	78	East Whittier	75-A			Pliocene			
32209	Los Angeles	Whittier	627	79	East Whittier	75-A			Pliocene			
32210	Los Angeles	Whittier	627	80	East Whittier	75-A			Pliocene			
32211	Los Angeles	Whittier	627	81	East Whittier	75-A			Pliocene			
32212	Los Angeles	Whittier	627	82	East Whittier	75-A			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/AG	COLLECTORS		
32298	Colusa	Wilbur Springs	246	408	Bear Creek	150-N	Wilbur Sprs. 15'		not diagnostic	Solari		
32299	Colusa	Wilbur Springs	246	409	Bear Creek	150-N	Wilbur Sprs. 15'		not diagnostic	Solari		
32300	Colusa	Wilbur Springs	246	410	Bear Creek	150-N	Wilbur Sprs. 15'		not diagnostic	Solari		
32301	Colusa	Wilbur Springs	246	411	Bear Creek	150-N	Wilbur Sprs. 15'		not diagnostic	Solari		
32302	Colusa	Wilbur Springs	246	412	Bear Creek	150-N	Wilbur Sprs. 15'		not diagnostic	Solari		
32303	Colusa	Wilbur Springs	246	413	Bear Creek	150-N	Wilbur Sprs. 15'		not diagnostic	Solari		
32304	Colusa	Wilbur Springs	246	416	Bear Creek	150-N	Wilbur Sprs. 15'		not diagnostic	Solari		
32305	Colusa	Wilbur Springs	246	418	Bear Creek	150-N	Wilbur Sprs. 15'		not diagnostic	Solari		
32306	Colusa	Wilbur Springs	246	419	Bear Creek	150-N	Wilbur Sprs. 15'		not diagnostic	Solari		
32307	Colusa	Wilbur Springs	246	420	Bear Creek	150-N	Wilbur Sprs. 15'		not diagnostic	Solari		
32308	Colusa	Wilbur Springs	246	421	Bear Creek	150-N	Wilbur Sprs. 15'		not diagnostic	Solari		
32309	Colusa	Wilbur Springs	246	422	Bear Creek	150-N	Wilbur Sprs. 15'		not diagnostic	Solari		
32310	Colusa	Wilbur Springs	246	423	Bear Creek	150-N	Wilbur Sprs. 15'		not diagnostic	Solari		
32311	Colusa	Wilbur Springs	246	425	Bear Creek	150-N	Wilbur Sprs. 15'		not diagnostic	Solari		
32312	Colusa	Wilbur Springs	246	426	Bear Creek	150-N	Wilbur Sprs. 15'		not diagnostic	Solari		
32313	Colusa	Wilbur Springs	246	427	Bear Creek	150-N	Wilbur Sprs. 15'		not diagnostic	Solari		
32314	Colusa	Wilbur Springs	246	428	Bear Creek	150-N	Wilbur Sprs. 15'		not diagnostic	Solari		
32315	Colusa	Wilbur Springs	11116	1	Bear Creek	151-E	Wilbur Springs 15'		L Cret K/L zone	Helms		
32316	Colusa	Wilbur Springs	11116	2	Bear Creek	151-E	Wilbur Springs 15'		L Cret K/L zone	Helms		
32317	Colusa	Wilbur Springs	11116	3	Bear Creek	151-E	Wilbur Springs 15'		L Cret K/L zone	Helms		
32318	Colusa	Wilbur Springs?	5252		not on map	152-C	Wilbur Sprs 15'?	Funks	U Cret G-1 zone	Berry		
32319	Colusa	Wilbur Springs?	5253		not on map	152-C	Wilbur Sprs 15'?	Funks	U Cret G-1 zone	Berry		
32320	Colusa	Wilbur Springs?	5254		not on map	152-C	Wilbur Sprs 15'?	Sites	not diagnostic	Berry		
32321	Colusa	Wilbur Springs?	5255		not on map	152-C	Wilbur Sprs 15'?		not diagnostic	Berry		
32322	Colusa	Wilbur Springs?	5256		not on map	152-C	Wilbur Sprs 15'?		barren	Berry		
32323	Colusa	Wilbur Springs?	5257		not on map	152-C	Wilbur Sprs 15'?	Fiske	U Cret I zone	Berry		
32324	Colusa	Wilbur Springs?	5260		not on map	152-C	Wilbur Sprs 15'?	Knoxville	Jurassic	Berry		
32325	Colusa	Wilbur Springs?	5261		not on map	152-C	Wilbur Sprs 15'?	Knoxville	Jurassic	Berry		
32326	Stanislaus	Wilcox Ridge	3754		SE part of quad	108-L	Mt Boardman 15'		Upper Cretaceous	Seiden		
32327	Stanislaus	Wilcox Ridge	3757		SE part of quad	108-L	Mt Boardman 15'		Upper Cretaceous	Seiden		
32328	Stanislaus	Wilcox Ridge?	3751		not found	108-L	Mt Boardman 15'?		poss U Cretaceous	Seiden		
32329	Monterey	Williams Hill	7186		E of BM 1045	136-G	Bryson 15'		U Mohnian	Lindvall		
32330	Monterey	Williams Hill	7188		E of BM 1045	136-G	Bryson 15'		L Mohnian	Lindvall		
32331	Monterey	Williams Hill	7223		San Lucas Canyon	86-M	Bryson 15'		? Upper Miocene	Ortalda		
32332	Monterey	Williams Hill	7225		Pine Canyon	86-M	Bryson 15'		Upper Miocene	Ortalda		
32333	Monterey	Williams Hill	7227		Pine Canyon	86-M	Bryson 15'		? Upper Miocene	Ortalda		
32334	Monterey	Williams Hill	7228		Pine Canyon	86-M	Bryson 15'		not diagnostic	Ortalda		
32335	Monterey	Williams Hill	23163	A	NE part quad	252-A		age from map	Upper Miocene	Miller		
32336	Monterey	Williams Hill	23163	C	NE part quad	252-A		age from map	Upper Miocene	Miller		
32337	Monterey	Williams Hill	23163	D	NE part quad	252-A			Upper Miocene	Miller		
32338	Monterey	Williams Hill	23163	F	NE part quad	252-A		age from map	barren	Miller		
32339	Monterey	Williams Hill	23164	L	San Lucas Canyon	252-A		age from map	Upper Miocene	Gregory		
32340	Monterey	Williams Hill	23230	A	Jackson Hill	252-C		age from map	no paleo info	Gregory		
32341	Monterey	Williams Hill	23367	A	San Antonio River	252-G	Bryson 15'		? Upper Miocene	Gregory		
32342	Monterey	Williams Hill	23368	B	N of Hesperia Sch	252-G	Bryson 15'		? U Miocene	Gregory		
32343	Monterey	Williams Hill?	20717		not found	219-M			? Upper Mohnian			
32344	Monterey	Williams Hill?	20718		not found	219-M			? Lower Mohnian			
32345	Monterey	Williams Hill?	20719		not found	219-M			not diagnostic			
32346	Monterey	Williams Hill?	20720	A	SW part of quad	219-M		age from map	Relizian			
32347	Monterey	Williams Hill?	20720	B	SW part of quad	219-M	Jackson Hill	age from map	Luisian			
32348	San Luis Obispo	Wilson Corner	370	1	NW part of quad	88-A	21/28S/14E		Luisian (type)			
32349	San Luis Obispo	Wilson Corner	370	2	NW part of quad	88-A	type Luisian. Have		Luisian (type)			
32350	San Luis Obispo	Wilson Corner	370	3	NW part of quad	88-A	strat column and		Luisian (type)			
32351	San Luis Obispo	Wilson Corner	370	4	NW part of quad	88-A	foram check list		Luisian (type)			
32352	San Luis Obispo	Wilson Corner	370	5	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32353	San Luis Obispo	Wilson Corner	370	6	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32354	San Luis Obispo	Wilson Corner	370	7	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32355	San Luis Obispo	Wilson Corner	370	8	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32356	San Luis Obispo	Wilson Corner	370	9	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32357	San Luis Obispo	Wilson Corner	370	10	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32358	San Luis Obispo	Wilson Corner	370	11	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32359	San Luis Obispo	Wilson Corner	370	12	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32360	San Luis Obispo	Wilson Corner	370	13	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32361	San Luis Obispo	Wilson Corner	370	14	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32362	San Luis Obispo	Wilson Corner	370	15	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32363	San Luis Obispo	Wilson Corner	370	16	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32364	San Luis Obispo	Wilson Corner	370	17	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32365	San Luis Obispo	Wilson Corner	370	18	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32366	San Luis Obispo	Wilson Corner	370	19	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32367	San Luis Obispo	Wilson Corner	370	20	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32368	San Luis Obispo	Wilson Corner	370	21	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32369	San Luis Obispo	Wilson Corner	370	22	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32370	San Luis Obispo	Wilson Corner	370	23	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32371	San Luis Obispo	Wilson Corner	370	24	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32372	San Luis Obispo	Wilson Corner	370	25	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32373	San Luis Obispo	Wilson Corner	370	26	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32374	San Luis Obispo	Wilson Corner	370	27	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32375	San Luis Obispo	Wilson Corner	370	28	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32376	San Luis Obispo	Wilson Corner	370	29	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32377	San Luis Obispo	Wilson Corner	370	30	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32378	San Luis Obispo	Wilson Corner	370	31	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32379	San Luis Obispo	Wilson Corner	370	32	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32380	San Luis Obispo	Wilson Corner	370	33	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32381	San Luis Obispo	Wilson Corner	370	34	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32382	San Luis Obispo	Wilson Corner	370	35	NW part of quad	88-A	Pozo 15'		Luisian (type)			

	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		
32383	San Luis Obispo	Wilson Corner	370	36	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32384	San Luis Obispo	Wilson Corner	370	37	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32385	San Luis Obispo	Wilson Corner	370	slide 1	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32386	San Luis Obispo	Wilson Corner	370	slide 2	NW part of quad	88-A	Pozo 15'	Relizian	Luisian (type)			
32387	San Luis Obispo	Wilson Corner	370	slide 3	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32388	San Luis Obispo	Wilson Corner	370	slide 4	NW part of quad	88-A	Pozo 15'		Luisian (type)			
32389	San Luis Obispo	Wilson Corner	2262		Highland School	82-D	Pozo 15'		Luisian	Tarbet		
32390	San Luis Obispo	Wilson Corner	2263		Highland School	82-D	Pozo 15'		Luisian	Tarbet		
32391	San Luis Obispo	Wilson Corner	2264		Highland School	82-D	Pozo 15'		Luisian	Tarbet		
32392	San Luis Obispo	Wilson Corner	2265		Highland School	82-D	Pozo 15'		Luisian	Tarbet		
32393	San Luis Obispo	Wilson Corner	2266		Highland School	82-D	Pozo 15'		Luisian	Tarbet		
32394	San Luis Obispo	Wilson Corner	2267		Highland School	82-D	Pozo 15'		Luisian	Tarbet		
32395	San Luis Obispo	Wilson Corner	2268		Highland School	82-D	Pozo 15'	Moorpark	Luisian	Tarbet		
32396	San Luis Obispo	Wilson Corner	2269		Highland School	82-D	Pozo 15'	Moorpark	Luisian	Tarbet		
32397	San Luis Obispo	Wilson Corner	2275		Highland School	82-D	Pozo 15'		Luisian	Tarbet		
32398	San Luis Obispo	Wilson Corner	2276		Highland School	82-D	Pozo 15'		Luisian	Tarbet		
32399	San Luis Obispo	Wilson Corner	2287		center of quad	82-D			Luisian?	Tarbet		
32400	San Luis Obispo	Wilson Corner	7267		Indian Creek	86-M	Pozo 15'		not diagnostic	Kraetsch		
32401	San Luis Obispo	Wilson Corner	7268		Indian Creek	86-M	Pozo 15'		not diagnostic	Kraetsch		
32402	San Luis Obispo	Wilson Corner	7269		Indian Creek	86-M	Pozo 15'		Luisian	Kraetsch		
32403	San Luis Obispo	Wilson Corner	7275		S of BM 1573	86-M	Pozo 15'		Luisian	Kraetsch		
32404	San Luis Obispo	Wilson Corner	7276		S of BM 1573	86-M	Pozo 15'		Luisian	Kraetsch		
32405	San Luis Obispo	Wilson Corner	7277		S of BM 1573	86-M	Pozo 15'		Luisian	Kraetsch		
32406	San Luis Obispo	Wilson Corner	7297		NE part of quad	138-N	Pozo 15'		not diagnostic	Kraetsch		
32407	San Luis Obispo	Wilson Corner	23300		NW corner quad	180-A	Pozo 15'	area F-2	not diagnostic	Elliott		
32408	San Luis Obispo	Wilson Corner	23301		NW corner quad	180-A	Pozo 15'		Luisian	Elliott		
32409	San Luis Obispo	Wilson Corner	23302		NW corner quad	180-A	Pozo 15'		Luisian	Elliott		
32410	San Luis Obispo	Wilson Corner	23303		NW corner quad	180-A	Pozo 15'		Luisian	Elliott		
32411	San Luis Obispo	Wilson Corner	23304		NW corner quad	180-A	Pozo 15'		Luisian	Elliott		
32412	San Luis Obispo	Wilson Corner	23305		NW corner quad	180-A	Pozo 15'	contaminated?	mixed Miocene	Elliott		
32413	San Luis Obispo	Wilson Corner	23306		NW corner quad	180-A	Pozo 15'		Luisian	Elliott		
32414	San Luis Obispo	Wilson Corner	23307		NW corner quad	180-A	Pozo 15'		Luisian	Elliott		
32415	San Luis Obispo	Wilson Corner	23311		S of Wilson Corner	180-A	Pozo 15'		not diagnostic	Elliott		
32416	San Luis Obispo	Wilson Corner	23314		S of Wilson Corner	180-A	Pozo 15'		Relizian	Elliott		
32417	San Luis Obispo	Wilson Corner	23315		At Wilson Corner	180-A	Pozo 15'		not diagnostic	Elliott		
32418	San Luis Obispo	Wilson Corner?	7278		not on map	86-M	Pozo 15'	rich fauna	Luisian	Kraetsch		
32419	Lake	Wilson Valley	1140	15	Cache Creek	152-J	Morgan Valley 15'	19/13N/5W	Prob L Cret L zone			
32420	Lake	Wilson Valley	1140	23	Cache Creek	152-J	Morgan Valley 15'		not diagnostic			
32421	Lake	Wilson Valley	1140	57	Cache Creek	152-J	Morgan Valley 15'	Wilson Dam site	not diagnostic			
32422	Lake	Wilson Valley	1140	80	Cache Creek	152-J	Morgan Valley 15'		Jurassic?			
32423	Lake	Wilson Valley	1140	107	Cache Creek	152-J	Morgan Valley 15'		Jurassic?			
32424	Lake	Wilson Valley	1140	132	Cache Creek	152-J	Morgan Valley 15'		Jurassic?			
32425	Lake	Wilson Valley	1140	156	Cache Creek	152-J	Morgan Valley 15'		Jurassic?			
32426	Lake	Wilson Valley	1140	187	Cache Creek	152-J	Morgan Valley 15'		Jurassic?			
32427	Lake	Wilson Valley	1141	55	Cache Creek	151-E	Morgan Valley 15'	19/13N/5W	Jurassic?			
32428	Lake	Wilson Valley	1141	111	Cache Creek	151-E	Morgan Valley 15'		Jurassic?			
32429	Lake	Wilson Valley	1144	1	Cache Creek	150-F	Morgan Valley 15'	19/13N/5W	Jurassic?			
32430	Lake	Wilson Valley	11154	132-8	Upper Wilson Dam	150-F	NW part of quad	Knoxville	Jurassic			
32431	Lake	Wilson Valley	22128	1	Crack Canyon	232-L			Upper Jurassic	Ojakangas		
32432	Lake	Wilson Valley	22128	2	Crack Canyon	232-L			Upper Jurassic	Ojakangas		
32433	Lake	Wilson Valley	22128	3	Crack Canyon	232-L			not diagnostic	Ojakangas		
32434	Lake	Wilson Valley	22130	9	Crack Canyon	232-L			Upper Jurassic	Ojakangas		
32435	Lake	Wilson Valley	22130	13	Crack Canyon	232-L		Valanginian	Lower Cretaceous	Ojakangas		
32436	Lake	Wilson Valley	22131	5	Cache Creek	232-L	Kennedy Flats		Lower Cretaceous	Ojakangas		
32437	Lake	Wilson Valley	22131	8	Cache Creek	232-L	Kennedy Flats		Lower Cretaceous	Ojakangas		
32438	Lake	Wilson Valley	22131	14	Cache Creek	232-L	Kennedy Flats	Hauterivian	Lower Cretaceous	Ojakangas		
32439	Lake	Wilson Valley	22131	21	Cache Creek	232-L	Kennedy Flats		Lower Cretaceous	Ojakangas		
32440	Lake	Wilson Valley	22132	1	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
32441	Lake	Wilson Valley	22132	5	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
32442	Lake	Wilson Valley	22132	6	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
32443	Lake	Wilson Valley	22132	7	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
32444	Lake	Wilson Valley	22132	8	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
32445	Lake	Wilson Valley	22132	9	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
32446	Lake	Wilson Valley	22132	10	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
32447	Lake	Wilson Valley	22132	11	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
32448	Lake	Wilson Valley	22132	14	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
32449	Lake	Wilson Valley	22132	17	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
32450	Lake	Wilson Valley	22132	19	Davis Canyon	232-M		Aptian	Lower Cretaceous	Ojakangas		
32451	Lake	Wilson Valley	22133	1	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
32452	Lake	Wilson Valley	22133	2	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
32453	Lake	Wilson Valley	22133	3	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
32454	Lake	Wilson Valley	22133	4	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
32455	Lake	Wilson Valley	22133	5	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
32456	Lake	Wilson Valley	22133	6	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
32457	Lake	Wilson Valley	22133	7	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
32458	Lake	Wilson Valley	22133	8	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
32459	Lake	Wilson Valley	22133	9	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
32460	Lake	Wilson Valley	22133	10	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
32461	Lake	Wilson Valley	22133	11	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
32462	Lake	Wilson Valley	22133	12	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
32463	Lake	Wilson Valley	22133	13	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
32464	Lake	Wilson Valley	22133	14	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
32465	Lake	Wilson Valley	22133	15	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
32466	Lake	Wilson Valley	22133	16	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
32467	Lake	Wilson Valley	22133	17	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		

	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		
32468	Lake	Wilson Valley	22133	18	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
32469	Lake	Wilson Valley	22133	19	Cache Creek	232-M	E of Kennedy Flats	Aptian	Lower Cretaceous	Ojakangas		
32470	San Mateo	Woodside	414	P4	Purisima Creek	92-C	strat column		Lower Miocene			
32471	San Mateo	Woodside	414	P5	Purisima Creek	92-C	strat column		Lower Miocene			
32472	San Mateo	Woodside	414	P7	Purisima Creek	92-C	strat column		Lower Miocene			
32473	San Mateo	Woodside	414	P9	Purisima Creek	92-C	strat column		not diagnostic			
32474	San Mateo	Woodside	414	P10	Purisima Creek	92-C	strat column		not diagnostic			
32475	San Mateo	Woodside	414	P11	Purisima Creek	92-C	strat column		not diagnostic			
32476	San Mateo	Woodside	414	P12	Purisima Creek	92-C	strat column		not diagnostic			
32477	San Mateo	Woodside	414	P14	Purisima Creek	92-C	strat column		not diagnostic			
32478	San Mateo	Woodside	414	P15	Purisima Creek	92-C	strat column		not diagnostic			
32479	San Mateo	Woodside	414	P9RW	Purisima Creek	92-C	strat column		not diagnostic			
32480	San Mateo	Woodside	414	P11RW	Purisima Creek	92-C	strat column		not diagnostic			
32481	San Mateo	Woodside	414	P15RW	Purisima Creek	92-C	strat column		Saucesian			
32482	San Mateo	Woodside	414	P16	Purisima Creek	92-C	strat column		not diagnostic			
32483	San Mateo	Woodside	414	P16RS	Purisima Creek	92-C	strat column		not diagnostic			
32484	San Mateo	Woodside	414	P16RS	Purisima Creek	92-C	strat column		not diagnostic			
32485	San Mateo	Woodside	415	1	Tunitas Creek	66-L	strat column		Zemorrian?			
32486	San Mateo	Woodside	415	2	Tunitas Creek	66-L	strat column		not diagnostic			
32487	San Mateo	Woodside	415	3	Tunitas Creek	66-L	strat column		barren			
32488	San Mateo	Woodside	415	4	Tunitas Creek	66-L	strat column		barren			
32489	San Mateo	Woodside	415	8	Tunitas Creek	66-L	strat column		not diagnostic			
32490	San Mateo	Woodside	415	10	Tunitas Creek	66-L	strat column		Eocene?			
32491	San Mateo	Woodside	415	11	Tunitas Creek	66-L	strat column		Eocene?			
32492	San Mateo	Woodside	415	12	Tunitas Creek	66-L	strat column		not diagnostic			
32493	San Mateo	Woodside	415	13	Tunitas Creek	66-L	strat column		barren			
32494	San Mateo	Woodside	415	14	Tunitas Creek	66-L	strat column		not diagnostic			
32495	San Mateo	Woodside	415	15	Tunitas Creek	66-L	strat column		not diagnostic			
32496	San Mateo	Woodside	415	16	Tunitas Creek	66-L	strat column		not diagnostic			
32497	San Mateo	Woodside	415	17	Tunitas Creek	66-L	strat column		barren			
32498	San Mateo	Woodside	415	18	Tunitas Creek	66-L	strat column		barren			
32499	San Mateo	Woodside	415	19	Tunitas Creek	66-L	strat column		barren			
32500	San Mateo	Woodside	415	20	Tunitas Creek	66-L	strat column		barren			
32501	San Mateo	Woodside	415	21	Tunitas Creek	66-L	strat column		Eocene?			
32502	San Mateo	Woodside	415	22	Tunitas Creek	66-L	strat column		Eocene?			
32503	San Mateo	Woodside	415	23	Tunitas Creek	66-L	strat column		not diagnostic			
32504	San Mateo	Woodside	415	24	Tunitas Creek	66-L	strat column		not diagnostic			
32505	San Mateo	Woodside	415	26	Tunitas Creek	66-L	strat column		barren			
32506	San Mateo	Woodside	415	27	Tunitas Creek	66-L	strat column		not diagnostic			
32507	San Mateo	Woodside	415	28	Tunitas Creek	66-L	strat column		barren			
32508	San Mateo	Woodside	415	29	Tunitas Creek	66-L	strat column		not diagnostic			
32509	San Mateo	Woodside	415	30	Tunitas Creek	66-L	strat column		barren			
32510	San Mateo	Woodside	415	31	Tunitas Creek	66-L	strat column		not diagnostic			
32511	San Mateo	Woodside	415	32	Tunitas Creek	66-L	strat column		not diagnostic			
32512	San Mateo	Woodside	415	33	Tunitas Creek	66-L	strat column		not diagnostic			
32513	San Mateo	Woodside	415	34	Tunitas Creek	66-L	strat column		not diagnostic			
32514	San Mateo	Woodside	415	35	Tunitas Creek	66-L	strat column		Refugian			
32515	San Mateo	Woodside	415	36	Tunitas Creek	66-L	strat column		not diagnostic			
32516	San Mateo	Woodside	415	37	Tunitas Creek	66-L	strat column		not diagnostic			
32517	San Mateo	Woodside	415	38	Tunitas Creek	66-L	strat column		Eocene?			
32518	San Mateo	Woodside	415	39	Tunitas Creek	66-L	strat column		not diagnostic			
32519	San Mateo	Woodside	415	40	Tunitas Creek	66-L	strat column		not diagnostic			
32520	San Mateo	Woodside	415	41	Tunitas Creek	66-L	strat column		barren			
32521	San Mateo	Woodside	415	42	Tunitas Creek	66-L	strat column		Eocene?			
32522	San Mateo	Woodside	415	43	Tunitas Creek	66-L	strat column		barren			
32523	San Mateo	Woodside	415	44	Tunitas Creek	66-L	strat column		not diagnostic			
32524	San Mateo	Woodside	415	45	Tunitas Creek	66-M	strat column		not diagnostic			
32525	San Mateo	Woodside	415	46	Tunitas Creek	66-M	strat column		not diagnostic			
32526	San Mateo	Woodside	415	47	Tunitas Creek	66-M	strat column		barren			
32527	San Mateo	Woodside	415	48	Tunitas Creek	66-M	strat column		not diagnostic			
32528	San Mateo	Woodside	415	49	Tunitas Creek	66-M	strat column		not diagnostic			
32529	San Mateo	Woodside	2468		W of Skeggs Point	115-E	17/6S/4W (SLP)		Upper Eocene	Classen		
32530	San Mateo	Woodside	2469		Tunitas Creek Rd	115-E	23/6S/5W (SLP)		not diagnostic	Classen		
32531	San Mateo	Woodside	4593		Purisima Ck Road	123-F			Miocene?			
32532	San Mateo	Woodside	5634		center of quad	48-N	17/6S/4W (SLP)		Lower Miocene	Starke		
32533	San Mateo	Woodside	5635		center of quad	48-N	18/6S/4W (SLP)		Eocene A-2 zone	Starke		
32534	San Mateo	Woodside	5640		center of quad	48-N	7/6S/4W (SLP)		not diagnostic	Starke		
32535	San Mateo	Woodside	5641		center of quad	48-N	7/6S/4W (SLP)		Zemorrian	Starke		
32536	San Mateo	Woodside	5916		Tunitas Creek	137-N	dupe in Half M Bay		Miocene	Kraestch		
32537	San Mateo	Woodside	5957		Star Hill Road	147-A			Miocene?	Kraestch		
32538	San Mateo	Woodside	5959		Purisima Creek	147-A	2/6S/5W (SLP)	dupe in HMB	Zemorrian	Kraestch		
32539	San Mateo	Woodside	5977		Tunitas Creek Rd	147-A			not diagnostic	Kraestch		
32540	San Mateo	Woodside	5978		Purisima Creek OK	147-A	dupe in HMBay		Zemorrian?	Kraestch		
32541	San Mateo	Woodside	5979		Skylawn Memorial	147-A	dupe in HMBay		Saucesian?	Kraestch		
32542	San Mateo	Woodside	7041		NW corner of quad	89-E	24/5S/5W (SLP)		poss Saucesian	Kraestch		
32543	San Mateo	Woodside	7042		NW corner of quad	89-E	23/5S/5W (SLP)		Saucesian	Kraestch		
32544	San Mateo	Woodside	7051		Purisima Creek	91-F	1/6S/5W (SLP)		not diagnostic	Kraestch		
32545	San Mateo	Woodside	7052		Purisima Creek	91-F	1/6S/5W (SLP)		Zemorrian	Kraestch		
32546	San Mateo	Woodside	7053		Purisima Creek	91-F	6/6S/4W (SLP)		poss Zemorrian	Kraestch		
32547	San Mateo	Woodside	7054		Purisima Creek	91-F	7/6S/4W (SLP)		not diagnostic	Kraestch		
32548	San Mateo	Woodside	7055		Purisima Creek	91-F	7/6S/4W (SLP)		not diagnostic	Kraestch		
32549	San Mateo	Woodside	7066		N of Purisima Ck	91-F	1/6S/5W (SLP)		Zemorrian	Kraestch		
32550	San Mateo	Woodside	7069		Irish Ridge	91-F	15/6S/5W (SLP)		U Eocene A-2 zon	Kraestch		
32551	San Mateo	Woodside	7069	RW	Irish Ridge	91-F	15/6S/5W (SLP)		U Eocene A-2 zon	Kraestch		
32552	San Mateo	Woodside	7080		S Cruz Mtns	91-F			not diagnostic	Starke		

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		
32553	San Mateo	Woodside	7101	1	Tunitas Creek Rd	122-A			Zemorrian	Starke		
32554	San Mateo	Woodside	7103		Irish Ridge	122-A			not diagnostic	Starke		
32555	San Mateo	Woodside	7313		WC part of quad	147-A			Lower Miocene	Kraetsch		
32556	San Mateo	Woodside	7360		WC part of quad	147-B			not diagnostic	Kraetsch		
32557	San Mateo	Woodside	7360	RW	SW of Pise Hill	147-B			Lower Miocene	Kraetsch		
32558	San Mateo	Woodside	7361		SW of Pise Hill	147-B	also has 7388 RS		not diagnostic	Kraetsch		
32559	San Mateo	Woodside	7361	RW	SW of Pise Hill	147-B			Lower Saucesian	Kraetsch		
32560	San Mateo	Woodside	7362		SW of Pise Hill	147-B			Saucesian/Relizian	Kraetsch		
32561	San Mateo	Woodside	7363		SW of Pise Hill	147-B			Lower Miocene	Kraetsch		
32562	San Mateo	Woodside	7364		SW of Pise Hill	147-B			Lower Miocene	Kraetsch		
32563	San Mateo	Woodside	7367		E of Kings Mtn Sch	147-B	8/6S/4W (SLP)		Lower Miocene	Kraetsch		
32564	San Mateo	Woodside	7407		NW part of quad	147-C	25/5S/5W (SLP)		Upper Zemorrian	Starke		
32565	San Mateo	Woodside	8857		S of Sky Londa	147-E	26/6S/4W (SLP)		U Eocene A zone	Kraetsch		
32566	San Mateo	Woodside	8858		Sky Londa	147-E	26/6S/4W (SLP)		U Eocene A zone	Kraetsch		
32567	San Mateo	Woodside	8859		NW of Sky Londa	147-E	22/6S/4W (SLP)	rubber casts	poss U Eocene	Kraetsch		
32568	San Mateo	Woodside	8860		NW of Sky Londa	147-E	22/6S/4W (SLP)	rubber casts	poss L Miocene	Kraetsch		
32569	San Mateo	Woodside	8861		SE of Skeggs Poin	147-E	16/6S/4W (SLP)	rubber casts	Lower Miocene	Kraetsch		
32570	San Mateo	Woodside	8862		S of Skeggs Point	147-E	16/6S/4W (SLP)		Upper Zemorrian	Kraetsch		
32571	San Mateo	Woodside	8863		Kings Mtn School	147-E	8/6S/4W (SLP)		Lower Miocene	Kraetsch		
32572	San Mateo	Woodside	8864		Star Hill Road	147-E	18/6S/4W (SLP)		Lower Miocene	Kraetsch		
32573	San Mateo	Woodside	8866		Bear Gulch Road	147-E	27/6S/4W (SLP)	abun planktics	prob Eocene	Kraetsch		
32574	San Mateo	Woodside	8869		Whittemore Gulch	147-E		planktics com	prob Zemorrian	Kraetsch		
32575	San Mateo	Woodside	8870		Whittemore Gulch	147-E	36/5S/5W (SLP)	few planktics	not diagnostic	Kraetsch		
32576	San Mateo	Woodside	8871		Purisima Creek	147-E	6/6S/5W (SLP)		prob Zemorrian	Kraetsch		
32577	San Mateo	Woodside	8886		SE of Skeggs Poin	147-F	22/6S/4W (SLP)		Lower Miocene	Kraetsch		
32578	San Mateo	Woodside	8887		SE of Skeggs Poin	147-F	22/6S/4W (SLP)	rubber casts	Lower Miocene	Kraetsch		
32579	San Mateo	Woodside	8888		Star Hill Road	147-F	18/6S/4W (SLP)	rubber casts	Lower Miocene	Kraetsch		
32580	San Bernardino	Yorba Linda	560	1	Carbon Canyon	62-B	see also LA	Beverly Hills	Middle Mohnian			
32581	San Bernardino	Yorba Linda	560	2	Carbon Canyon	62-B			Middle Mohnian			
32582	San Bernardino	Yorba Linda	560	3	Carbon Canyon	62-B			Middle Mohnian			
32583	San Bernardino	Yorba Linda	560	4	Carbon Canyon	62-B			Middle Mohnian			
32584	San Bernardino	Yorba Linda	560	5	Carbon Canyon	62-B			Middle Mohnian			
32585	San Bernardino	Yorba Linda	560	6	Carbon Canyon	62-B			Middle Mohnian			
32586	San Bernardino	Yorba Linda	560	7	Carbon Canyon	62-B			Middle Mohnian			
32587	San Bernardino	Yorba Linda	560	8	Carbon Canyon	62-B			Middle Mohnian			
32588	San Bernardino	Yorba Linda	560	9	Carbon Canyon	62-B			Upper Mohnian			
32589	San Bernardino	Yorba Linda	560	10	Carbon Canyon	62-B			Upper Mohnian			
32590	San Bernardino	Yorba Linda	560	11	Carbon Canyon	62-B			Upper Mohnian			
32591	San Bernardino	Yorba Linda	560	12	Carbon Canyon	62-B			Upper Mohnian			
32592	San Bernardino	Yorba Linda	560	13	Carbon Canyon	62-B			Upper Mohnian			
32593	San Bernardino	Yorba Linda	560	15	Carbon Canyon	62-B			Upper Mohnian			
32594	San Bernardino	Yorba Linda	560	17	Carbon Canyon	62-B			Upper Mohnian			
32595	San Bernardino	Yorba Linda	560	18	Carbon Canyon	62-B			Upper Mohnian			
32596	San Bernardino	Yorba Linda	560	19	Carbon Canyon	62-B			Upper Mohnian			
32597	San Bernardino	Yorba Linda	560	20	Carbon Canyon	62-B			Upper Mohnian			
32598	San Bernardino	Yorba Linda	560	21	Carbon Canyon	62-B			Upper Mohnian			
32599	San Bernardino	Yorba Linda	560	22	Carbon Canyon	62-B			Upper Mohnian			
32600	San Bernardino	Yorba Linda	560	23	Carbon Canyon	62-B			Upper Mohnian			
32601	San Bernardino	Yorba Linda	560	24	Carbon Canyon	62-B			Upper Mohnian			
32602	San Bernardino	Yorba Linda	560	25	Carbon Canyon	62-B			Upper Mohnian			
32603	Orange	Yorba Linda	4507		East of Olinda	44-I			no paleo info			
32604	Orange	Yorba Linda	4523		NW part of quad	31-N			no paleo info			
32605	Los Angeles	Yorba Linda	8670		E of Brea Canyon	76-L			Mohnian			
32606	Los Angeles	Yorba Linda	8671		not on map	76-L			Mohnian			
32607	Los Angeles	Yorba Linda	8672		not on map	76-L			Mohnian			
32608	San Bernardino	Yorba Linda	9195	6	SE part of quad	82-K		rare planktics	Upper Miocene?			
32609	San Bernardino	Yorba Linda	9195	7	SE part of quad	82-K		rare planktics	Upper Miocene?			
32610	San Bernardino	Yorba Linda	9195	8	SE part of quad	82-K		rare planktics	not diagnostic			
32611	San Bernardino	Yorba Linda	9195	9	SE part of quad	82-K		rare planktics	Upper Miocene?			
32612	San Bernardino	Yorba Linda	9195	11	SE part of quad	82-K			not diagnostic			
32613	San Bernardino	Yorba Linda	9195	12	SE part of quad	82-K		com planktics	not diagnostic			
32614	San Bernardino	Yorba Linda	9195	13	SE part of quad	82-K		com planktics	not diagnostic			
32615	San Bernardino	Yorba Linda	9195	14	SE part of quad	82-K			not diagnostic			
32616	Orange	Yorba Linda	9312		Sonome Canyon	155-I	could also be		Mohnian	Hunter		
32617	Orange	Yorba Linda	9313		Sonome Canyon	155-I	McKittrick quad		no paleo info	Hunter		
32618	Los Angeles	Yorba Linda	9314		Sonome Canyon	155-I	ditto		no paleo info	Hunter		
32619	San Bernardino	Yorba Linda	9337		Brea Canyon	155-I	ditto		no paleo info	Hunter		
32620	San Bernardino	Yorba Linda	9339		Puente Hills	155-I	ditto		no paleo info	Hunter		
32621	Los Angeles	Yorba Linda	9572	13	Tonner Canyon	85-K	not on map	strat section	Upper Mohnian			
32622	Los Angeles	Yorba Linda	9572	14	Tonner Canyon	85-K	not on map		Upper Mohnian			
32623	Los Angeles	Yorba Linda	9572	15	Tonner Canyon	85-K	not on map		Upper Mohnian			
32624	Los Angeles	Yorba Linda	9572	16	Tonner Canyon	85-K	not on map		Upper Mohnian			
32625	Los Angeles	Yorba Linda	9572	17	Tonner Canyon	85-K	not on map		Upper Mohnian			
32626	Los Angeles	Yorba Linda	9572	18	Tonner Canyon	85-K	not on map		Upper Mohnian			
32627	Los Angeles	Yorba Linda	9572	18A	Tonner Canyon	85-K	not on map		Upper Mohnian			
32628	Los Angeles	Yorba Linda	9572	18B	Tonner Canyon	85-K	not on map		Upper Mohnian			
32629	Los Angeles	Yorba Linda	9572	18C	Tonner Canyon	85-K	not on map		Upper Mohnian			
32630	Los Angeles	Yorba Linda	9572	19	Tonner Canyon	85-K	not on map		Upper Mohnian			
32631	Los Angeles	Yorba Linda	9572	20	Tonner Canyon	85-K	not on map		Upper Mohnian			
32632	Los Angeles	Yorba Linda	9572	21	Tonner Canyon	85-K	not on map		Upper Mohnian			
32633	Los Angeles	Yorba Linda	9572	22	Tonner Canyon	85-K	not on map		Upper Mohnian			
32634	Los Angeles	Yorba Linda	9572	23	Tonner Canyon	85-K	not on map		Upper Mohnian			
32635	San Luis Obispo	York Mountain	585	1	Cayucos Road	65-I			prob Zemorrian			
32636	San Luis Obispo	York Mountain	585	2	Cayucos Road	65-I			prob Zemorrian			
32637	San Luis Obispo	York Mountain	585	3	Cayucos Road	65-I			prob Zemorrian			

	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		
32638	San Luis Obispo	York Mountain	585	4	Cayucos Road	65-I			prob Zemorrian			
32639	San Luis Obispo	York Mountain	585	5	Cayucos Road	65-I			prob Zemorrian			
32640	San Luis Obispo	York Mountain	585	6	Cayucos Road	65-I			prob Zemorrian			
32641	San Luis Obispo	York Mountain	585	7	Cayucos Road	65-I			prob Zemorrian			
32642	San Luis Obispo	York Mountain	585	8	Cayucos Road	65-I			prob Zemorrian			
32643	San Luis Obispo	York Mountain	585	9	Cayucos Road	65-I			prob Zemorrian			
32644	San Luis Obispo	York Mountain	585	10	Cayucos Road	65-I			prob Zemorrian			
32645	San Luis Obispo	York Mountain	585	11	Cayucos Road	65-I			prob Zemorrian			
32646	San Luis Obispo	York Mountain	585	12	Cayucos Road	65-I			prob Zemorrian			
32647	San Luis Obispo	York Mountain	585	13	Cayucos Road	65-I			prob Zemorrian			
32648	San Luis Obispo	York Mountain	585	14	Cayucos Road	65-I			prob Zemorrian			
32649	San Luis Obispo	York Mountain	2024		not on map	69-F	Adelaida 15'		Zemorrian	Newbill		
32650	San Luis Obispo	York Mountain	2025		SW part of quad	69-F	Adelaida 15'		Zemorrian	Newbill		
32651	San Luis Obispo	York Mountain	2026		SW part of quad	69-F	Adelaida 15'		barren	Newbill		
32652	San Luis Obispo	York Mountain	2027		SC part of quad	69-F	Adelaida 15'		barren	Newbill		
32653	San Luis Obispo	York Mountain	11301		E of Oakdale Schl	159-N	area F-2		prob Luisian			
32654	San Luis Obispo	York Mountain	11302		Paso Robles Road	159-N			Relizian			
32655	San Luis Obispo	York Mountain	11307		Willow Ck Road	159-N			Saucesian			
32656	San Luis Obispo	York Mountain	11313		Cayucos Road	159-N			Zemorrian			
32657	San Luis Obispo	York Mountain	11314		Templeton Road	159-N	see also SLO	Cypress Mtn	poss Luisian			
32658	San Luis Obispo	York Mountain	11453		center of quad	155-N		abun ostracod	not diagnostic			
32659	San Luis Obispo	York Mountain	11454		SW of Oakdale Sc	155-N			Upper Relizian			
32660	San Luis Obispo	York Mountain	11455		center of quad	155-N			Lower Relizian			
32661	San Luis Obispo	York Mountain	11456		center of quad	155-N			prob Relizian			
32662	San Luis Obispo	York Mountain	11457		center of quad	155-N		age on pecten	Lower Miocene			
32663	San Luis Obispo	York Mountain	11458		center of quad	155-N			Middle Miocene			
32664	San Luis Obispo	York Mountain	11459		center of quad	155-N		com planktics	Middle Miocene			
32665	San Luis Obispo	York Mountain	11460		S of Summit Schl	128-N			Relizian	Kistler		
32666	San Luis Obispo	York Mountain?	11310		not found	159-N			prob Zemorrian			
32667	San Luis Obispo	York Mountain?	11311		not found	159-N			Luisian			
32668	Imperial	Yuha Basin	2797		NW part of quad	85-L			no paleo info			
32669	Imperial	Yuha Basin	2797	2	NW part of quad	85-L			no paleo info			
32670	Imperial	Yuha Basin	5862		not on map	11-E	Coyote Wells 15'	Imperial Fm	no age provided			
32671	Santa Barbara	Zaca Creek	120	1	EC part of quad	68-C			not diagnostic			
32672	Santa Barbara	Zaca Creek	120	2	EC part of quad	68-C			not diagnostic			
32673	Santa Barbara	Zaca Creek	120	3	EC part of quad	68-C			not diagnostic			
32674	Santa Barbara	Zaca Creek	120	4	EC part of quad	68-C			not diagnostic			
32675	Santa Barbara	Zaca Creek	120	5	EC part of quad	68-C			not diagnostic			
32676	Santa Barbara	Zaca Creek	120	6	EC part of quad	68-C			not diagnostic			
32677	Santa Barbara	Zaca Creek	120	7	EC part of quad	68-C			not diagnostic			
32678	Santa Barbara	Zaca Creek	120	8	EC part of quad	68-C			not diagnostic			
32679	Santa Barbara	Zaca Creek	120	9	EC part of quad	68-C			not diagnostic			
32680	Santa Barbara	Zaca Creek	120	10	EC part of quad	68-C			not diagnostic			
32681	Santa Barbara	Zaca Creek	120	11	EC part of quad	68-C			not diagnostic			
32682	Santa Barbara	Zaca Creek	120	12	EC part of quad	68-C			not diagnostic			
32683	Santa Barbara	Zaca Creek	120	13	EC part of quad	68-C			not diagnostic			
32684	Santa Barbara	Zaca Creek	120	14	EC part of quad	68-C			not diagnostic			
32685	Santa Barbara	Zaca Creek	120	15	EC part of quad	68-C			not diagnostic			
32686	Santa Barbara	Zaca Creek	120	16	EC part of quad	68-C			not diagnostic			
32687	Santa Barbara	Zaca Creek	120	17	EC part of quad	68-C			not diagnostic			
32688	Santa Barbara	Zaca Creek	120	18	EC part of quad	68-C			not diagnostic			
32689	Santa Barbara	Zaca Creek	120	19	EC part of quad	68-C			not diagnostic			
32690	Santa Barbara	Zaca Creek	120	20	EC part of quad	68-C			not diagnostic			
32691	Santa Barbara	Zaca Creek	120	21	EC part of quad	68-C			not diagnostic			
32692	Santa Barbara	Zaca Creek	120	22	EC part of quad	68-C			not diagnostic			
32693	Santa Barbara	Zaca Creek	120	23	EC part of quad	68-C			Upper Mohnian			
32694	Santa Barbara	Zaca Creek	120	24	EC part of quad	68-C			Upper Mohnian			
32695	Santa Barbara	Zaca Creek	120	25	EC part of quad	68-C			not diagnostic			
32696	Santa Barbara	Zaca Creek	120	26	EC part of quad	68-C			not diagnostic			
32697	Santa Barbara	Zaca Lake	44	1	Horse Canyon	68-B	Tepusquet Pk 15'		no paleo info	Kraetsch		
32698	Santa Barbara	Zaca Lake	44	2	Horse Canyon	68-B	Tepusquet Pk 15'		no paleo info	Kraetsch		
32699	Santa Barbara	Zaca Lake	44	3	Horse Canyon	68-B	Tepusquet Pk 15'		no paleo info	Kraetsch		
32700	Santa Barbara	Zaca Lake	44	4	Horse Canyon	68-B	Tepusquet Pk 15'		no paleo info	Kraetsch		
32701	Santa Barbara	Zaca Lake	44	5	Horse Canyon	68-B	Tepusquet Pk 15'		no paleo info	Kraetsch		
32702	Santa Barbara	Zaca Lake	44	6	Horse Canyon	68-B	Tepusquet Pk 15'		no paleo info	Kraetsch		
32703	Santa Barbara	Zaca Lake	44	7	Horse Canyon	68-B	Tepusquet Pk 15'		no paleo info	Kraetsch		
32704	Santa Barbara	Zaca Lake	3670		Alkali Canyon	69-J	Tepusquet Pk 15'		Lower Miocene	Kraetsch		
32705	Santa Barbara	Zaca Lake	6644		NC part of quad	7-M	Tepusquet Pk 15'		no paleo info			
32706	Santa Barbara	Zaca Lake	11039		Lookout Mountain	79-H	Tepusquet Pk 15'		not diagnostic	Kraetsch		
32707	Santa Barbara	Zaca Lake	11040		Lookout Mountain	79-H	Tepusquet Pk 15'		not diagnostic	Kraetsch		
32708	Santa Barbara	Zaca Lake	11041		Lookout Mountain	79-H	Tepusquet Pk 15'		Saucesian	RBV-WJE		
32709	Monterey	Zig Zag Creek	7316		Tassajara Hot Sp	147-A	Lucia 15'	Lucia shale	U Eocene A zone	Dickinson		
32710	Monterey	Zig Zag Creek	7317		Tassajara Hot Sp	147-A	Lucia 15'	Lucia shale	U Eocene A zone	Dickinson		
32711	Monterey	Zigzag Creek	7195		NE part of quad	140-I	Lucia 15'		not diagnostic	Dickinson		
32712	Monterey	Zigzag Creek	7197		Tassajara Hot Spr	140-I	Lucia 15'		Upper Eocene	Dickinson		
32713	Monterey	Zigzag Creek	7198		Tassajara Hot Spr	140-J	Lucia 15'		Upper Eocene	Dickinson		
32714	Monterey	Zigzag Creek	7199		Tassajara Hot Spr	140-J	Lucia 15'		Upper Eocene	Dickinson		
32715	Monterey	Zigzag Creek	9083		near Tassajara	129-C	Lucia 15'		poss Upper Eocen	Bolin		
32716	Monterey	Zigzag Creek	9084		near Tassajara	129-C	Lucia 15'		poss Upper Eocen	Bolin		
32717	Monterey	Zigzag Creek	9085		near Tassajara	129-C	Lucia 15'		poss upper Eocen	Bolin		
32718	Monterey	Zigzag Creek	9086	A	near Tassajara	129-C	Lucia 15'		poss upper Eocen	Bolin		
32719	Monterey	Zigzag Creek	9086	B	near Tassajara	129-C	Lucia 15'		poss upper Eocen	Bolin		
32720	Not found		2290		Salinas Valley	71-A	not on any maps		no paleo info			
32721	Not found		2292		Salinas Valley	71-A	not on any maps		no paleo info			
32722	Not found		2294		Salinas Valley	71-A	not on any maps		no paleo info			

Chevron data # 2

	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		
32723	Not found		2296		Salinas Valley	71-A	not on any maps		no paleo info			
32724	Not found		2297		Salinas Valley	71-A	not on any maps		no paleo info			
32725	Not found		2298		Salinas Valley	71-A	not on any maps		no paleo info			
32726	not found		11051		S Cruz Mtns	141-C		abun Sipho	Lower Zemorrian	Starke		
32727	not found		11052		S Cruz Mtns	141-C		abun Sipho	Lower Zemorrian	Starke		
32728	not found		21080	A	Cuyama Valley	189-B			no paleo info	Heppert		
32729	not found		21080	B	Cuyama Valley	189-B			no paleo info	Heppert		
32730	not found		21081	B	Cuyama Valley	189-B			no paleo info	Heppert		
32731	not found		28628		Mt Diablo E-2	25-B		area E-4	no paleo info	Polugar		

	I	M
1	ONE/SERIES/AGT	
2	Lower Relizian	
3	L-M Miocene	
4	L-M Miocene	
5	U Relizian	
6	Relizian	
7	indeterminate	
8	no paleo info	
9	no paleo info	
10	Saucesian	
11	Relizian	
12	not diagnostic	
13	L Relizian	
14	not diagnostic	
15	Relizian	
16	Relizian	
17	Luisian	
18	Luisian	
19	Relizian	
20	no paleo info	
21	no paleo info	
22	Relizian	
23	Relizian	
24	Lower Luisian	
25	no paleo info	
26	but all from	
27	Kreyenhagen	
28	and probably	
29	Eocene	
30	Cretaceous	
31	Cretaceous	
32	Cretaceous	
33	Cretaceous	
34	Cretaceous	
35	Cretaceous	
36	Cretaceous	
37	Cretaceous	
38	no paleo info	
39	no paleo info	
40	Cretaceous	
41	Eocene	
42	Eocene	
43	Eocene	
44	Eocene	
45	Cretaceous?	
46	Relizian	
47	Relizian	
48	Mohnian	
49	Luisian	
50	Luisian	
51	no paleo info	
52	Relizian	
53	Relizian	
54	Relizian	
55	Relizian	
56	Relizian	
57	U Cret F-2 zone	
58	U Cret F-2 zone	
59	not diagnostic	
60	U Cret F-2 zone	
61	no paleo Info	
62	U Cret F-2 zone	
63	Upper Cretaceous	
64	not diagnostic	
65	U Cret F-2/E zone	
66	not diagnostic	
67	U Cret F-2 zone	
68	not diagnostic	
69	barren	
70	barren	
71	U Cret F-2 zone	
72	U Cret F-2 zone	
73	U Cret F-2 zone	
74	U Cret F-2 zone	
75	not diagnostic	
76	U Cret F/G zones	
77	U Cret F/G zones	
78	U Cret F-2 zone	
79	U Cret F-2 zone	
80	not diagnostic	

	I	M
1	ONE/SERIES/AG	
87	U Cret F-2 zone	
88	U Cret F/G zones	
89	U Cret F-2 zone	
90	U Cret F-2 zone	
91	U Cret F-2 zone	
92	U Cret F-2 zone	
93	U Cret F-2 zone	
94	U Cret F-2 zone	
95	U Cret F-2 zone	
96	U Cret F-2 zone	
97	U Cret F-2 zone	
98	Upper Cretaceous	
99	U Cret E zone	
100	U Cret E zone	
101	not diagnostic	
102	Saucesian	
103	Saucesian	
104	Saucesian	
105	Saucesian	
106	Lower Miocene	
107	not diagnostic	
108	Narizian A-1	
109	Narizian A-1	
110	Narizian A-1	
111	Narizian A-1	
112	barren	
113	Narizian A-1	
114	Narizian A-1	
115	not diagnostic	
116	Narizian	
117	Narizian	
118	not diagnostic	
119	not diagnostic	
120	not diagnostic	
121	not diagnostic	
122	not diagnostic	
123	not diagnostic	
124	not diagnostic	
125	not diagnostic	
126	Eocene	
127	not diagnostic	
128	Eocene	
129	Eocene	
130	Eocene	
131	Eocene	
132	Eocene	
133	Eocene	
134	Eocene	
135	no paleo info	
136	barren	
137	barren	
138	Eocene	
139	Cretaceous	
140	Cretaceous	
141	Cretaceous	
142	Cretaceous	
143	Cretaceous	
144	Cretaceous	
145	Cretaceous	
146	Cretaceous	
147	barren	
148	barren	
149	Middle Eocene	
150	Middle Eocene	
151	Middle Eocene	
152	Middle Eocene	
153	Middle Eocene	
154	Middle Eocene	
155	Middle Eocene	
156	Middle Eocene	
157	Middle Eocene	
158	Middle Eocene	
159	Middle Eocene	
160	Middle Eocene	
161	Middle Eocene	
162	Middle Eocene	
163	Middle Eocene	
164	Middle Eocene	
165	Middle Eocene	
166	Middle Eocene	
167	Middle Eocene	
168	Middle Eocene	
169	Middle Eocene	
170	Middle Eocene	
171	Middle Eocene	

	I	M
1	ZONE/SERIES/AGT	
172	Middle Eocene	
173	Middle Eocene	
174	Middle Eocene	
175	Middle Eocene	
176	Middle Eocene	
177	Middle Eocene	
178	Middle Eocene	
179	Middle Eocene	
180	Middle Eocene	
181	Middle Eocene	
182	Middle Eocene	
183	Middle Eocene	
184	Middle Eocene	
185	Middle Eocene	
186	Middle Eocene	
187	Middle Eocene	
188	Middle Eocene	
189	Middle Eocene	
190	Middle Eocene	
191	Middle Eocene	
192	Middle Eocene	
193	Middle Eocene	
194	Middle Eocene	
195	Middle Eocene	
196	Middle Eocene	
197	Middle Eocene	
198	Middle Eocene	
199	Middle Eocene	
200	Middle Eocene	
201	Middle Eocene	
202	Eocene	
203	Eocene	
204	Eocene	
205	Eocene	
206	Eocene	
207	Eocene	
208	Eocene	
209	Eocene	
210	Eocene	
211	Eocene	
212	Eocene	
213	Eocene	
214	Eocene	
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217	Eocene	
218	Eocene	
219	Eocene	
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223	Eocene	
224	Eocene	
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227	Eocene	
228	Eocene	
229	Eocene	
230	Eocene	
231	Eocene	
232	Eocene	
233	Eocene	
234	Eocene	
235	Eocene	
236	Eocene	
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238	Eocene	
239	Eocene	
240	Eocene	
241	Eocene	
242	Eocene	
243	Eocene	
244	Eocene	
245	Eocene	
246	Eocene	
247	Eocene	
248	Eocene	
249	Eocene	
250	Eocene	
251	Eocene	
252	Eocene	
253	Eocene	
254	Eocene	
255	Eocene	
256	Eocene	

	I	M
1	ONE/SERIES/AG	
257	Eocene	
258	Eocene	
259	Eocene	
260	Eocene	
261	Eocene	
262	Eocene	
263	Eocene	
264	Eocene	
265	Eocene	
266	Eocene	
267	Eocene	
268	Eocene	
269	Eocene	
270	Eocene	
271	Eocene	
272	Eocene	
273	Eocene	
274	Eocene	
275	Eocene	
276	Eocene	
277	Eocene	
278	Eocene	
279	Eocene	
280	Eocene	
281	Eocene	
282	Paleocene	
283	Paleocene	
284	Paleocene	
285	Paleocene	
286	Paleocene	
287	Paleocene	
288	Paleocene	
289	Paleocene	
290	Paleocene	
291	Paleocene	
292	Paleocene	
293	Paleocene	
294	Paleocene	
295	Paleocene	
296	Paleocene	
297	Paleocene	
298	Paleocene	
299	Paleocene	
300	Paleocene	
301	Paleocene	
302	Paleocene	
303	Paleocene	
304	Paleocene	
305	Paleocene	
306	Paleocene	
307	Paleocene	
308	Upper Cretaceous	
309	Upper Cretaceous	
310	Upper Cretaceous	
311	Upper Cretaceous	
312	Upper Cretaceous	
313	Upper Cretaceous	
314	Upper Cretaceous	
315	Upper Cretaceous	
316	Upper Cretaceous	
317	Upper Cretaceous	
318	Upper Cretaceous	
319	Upper Cretaceous	
320	Upper Cretaceous	
321	Upper Cretaceous	
322	Upper Cretaceous	
323	U Cret F or G zone	
324	U Cret F or G zone	
325	U Cret F or G zone	
326	U Cret F or G zone	
327	U Cret F or G zone	
328	U Cret F or G zone	
329	U Cret F or G zone	
330	U Cret F or G zone	
331	U Cret F or G zone	
332	U Cret G-2 zone	
333	U Cret G-2 zone	
334	U Cret G-2 zone	
335	not diagnostic	
336	not diagnostic	
337	not diagnostic	
338	not diagnostic	
339	not diagnostic	
340	not diagnostic	
341	not diagnostic	

	I	M
1	ONE/SERIES/AGT	
342	not diagnostic	
343	not diagnostic	
344	not diagnostic	
345	not diagnostic	
346	not diagnostic	
347	Eocene	
348	Eocene	
349	Eocene	
350	not diagnostic	
351	not diagnostic	
352	Eocene A-1 or 2	
353	Eocene A-1 or 2	
354	Eocene A-1 or 2	
355	Eocene A-1 or 2	
356	Eocene A-1 or 2	
357	Eocene A-1 or 2	
358	Eocene A-1 or 2	
359	Eocene A-1 or 2	
360	Eocene A-1 or 2	
361	Eocene A-1 or 2	
362	Eocene A-1 or 2	
363	Eocene A-1 or 2	
364	Eocene A-1 or 2	
365	Eocene A-1 or 2	
366	Eocene A-1 or 2	
367	Eocene A-1 or 2	
368	Eocene A-1 or 2	
369	Eocene A-1 or 2	
370	Eocene A-1 or 2	
371	Eocene A-1 or 2	
372	Eocene A-1 or 2	
373	Eocene A-1 or 2	
374	Eocene A-1 or 2	
375	Eocene A-1 or 2	
376	Eocene A-1 or 2	
377	Eocene A-1 or 2	
378	Eocene A-1 or 2	
379	Eocene A-1 or 2	
380	Eocene A-1 or 2	
381	Eocene A-1 or 2	
382	Eocene A-1 or 2	
383	Eocene A-1 or 2	
384	Eocene A-1 or 2	
385	Eocene A-1 or 2	
386	Eocene A-1 or 2	
387	Eocene A-1 or 2	
388	Eocene A-1 or 2	
389	Eocene A-1 or 2	
390	Eocene A-1 or 2	
391	Eocene A-1 or 2	
392	Eocene A-1 or 2	
393	Eocene A-1 or 2	
394	Eocene A-1 or 2	
395	Eocene A-1 or 2	
396	Eocene A-1 or 2	
397	Eocene A-1 or 2	
398	Eocene A-1 or 2	
399	Eocene A-1 or 2	
400	Eocene A-1 or 2	
401	Eocene A-1 or 2	
402	Eocene A-1 or 2	
403	Eocene A-1 or 2	
404	Eocene A-1 or 2	
405	Eocene A-1 or 2	
406	Eocene A-1 or 2	
407	Eocene A-1 or 2	
408	Eocene A-1 or 2	
409	Eocene A-1 or 2	
410	Eocene A-1 or 2	
411	Eocene A-1 or 2	
412	Eocene A-1 or 2	
413	Eocene A-1 or 2	
414	Eocene A-1 or 2	
415	Eocene A-1 or 2	
416	Eocene A-1 or 2	
417	Eocene A-1 or 2	
418	Eocene A-1 or 2	
419	Eocene A-1 or 2	
420	Paleocene?	
421	Paleocene?	
422	Paleocene?	
423	Paleocene?	
424	Paleocene?	
425	Paleocene?	
426	Paleocene?	

	I	M
1	ONE/SERIES/AGT	
427	not diagnostic	
428	U Cret C/D-1	
429	barren	
430	barren	
431	not diagnostic	
432	not diagnostic	
433	not diagnostic	
434	Paleocene E zone	
435	Paleocene E or D	
436	not diagnostic	
437	U Cret C/D-1 zone	
438	U Cret E zone	
439	U Cret E zone	
440	U Cret D-2 zone	
441	U Cret C/D-1 zone	
442	U Cret F zone	
443	U Cret E zone	
444	U Cret E zone	
445	U Cret D-2 zone	
446	U Cret D-2 zone	
447	U Cret D-2 zone	
448	U Cret D-2 zone	
449	U Cret D-2 zone	
450	U Cret D-2 zone	
451	U Cret D-2 zone	
452	U Cret D-2 zone	
453	U Cret D-2 zone	
454	U Cret D-2 zone	
455	U Cret F zone	
456	U Cret F zone	
457	no paleo info	
458	no paleo info	
459	no paleo info	
460	U Cret E zone	
461	U Cret D-2 zone	
462	U Cret D-2 zone	
463	U Cret D-2 zone	
464	U Cret C/D-1 zone	
465	U Cret C/D-1 zone	
466	U Cret C/D-1 zone	
467	U Cret C/D-1 zone	
468	U Cret F zone	
469	U Cret F zone	
470	U Cret F zone	
471	U Cret F zone	
472	U Cret F zone	
473	U Cret F zone	
474	U Cret F zone	
475	U Cret F zone	
476	U Cret F zone	
477	U Cret F zone	
478	U Cret F zone	
479	U Cret F zone	
480	U Cret F zone	
481	U Cret F zone	
482	no paleo info	
483	no paleo info	
484	no paleo info	
485	no paleo info	
486	U Cret H zone	
487	U Cret H zone	
488	U Cret H zone	
489	U Cret J-1 zone	
490	U Cret J-1 zone	
491	Paleocene E zone	
492	Paleocene E zone	
493	Paleocene E zone	
494	Lower Eocene	
495	Eocene	
496	Eocene	
497	Eocene	
498	Eocene	
499	Cretaceous	
500	Cretaceous	
501	Cretaceous	
502	Cretaceous	
503	Cretaceous	
504	Cretaceous	
505	Cretaceous	
506	Cretaceous	
507	not diagnostic	
508	Cretaceous	
509	not diagnostic	
510	Cretaceous	
511	Cretaceous	

	I	M
1	ONE/SERIES/AGF	
512	Cretaceous	
513	Cretaceous	
514	Cretaceous	
515	Cretaceous	
516	Cretaceous	
517	Cretaceous	
518	Cretaceous	
519	Cretaceous	
520	Cretaceous	
521	Cretaceous	
522	Cretaceous	
523	Cretaceous	
524	Cretaceous	
525	Cretaceous	
526	Cretaceous	
527	Cretaceous	
528	Cretaceous	
529	Cretaceous	
530	Cretaceous	
531	Cretaceous	
532	Cretaceous	
533	Cretaceous	
534	Upper Cretaceous	
535	Upper Cretaceous	
536	Upper Cretaceous	
537	Upper Cretaceous	
538	Cretaceous	
539	Cretaceous	
540	Cretaceous	
541	Cretaceous	
542	Cretaceous	
543	Cretaceous	
544	Cretaceous	
545	Cretaceous	
546	Cretaceous	
547	Cretaceous	
548	Cretaceous	
549	Cretaceous	
550	Cretaceous	
551	Cretaceous	
552	Cretaceous	
553	U Cret E zone	
554	U Cret E zone	
555	U Cret E zone	
556	U Cret E zone	
557	barren	
558	Cretaceous	
559	Cretaceous	
560	Cretaceous	
561	Cretaceous	
562	U Cret J-1 zone	
563	Cretaceous	
564	Cretaceous	
565	U Cret C/D-1	
566	Cretaceous	
567	Cretaceous	
568	U Cret C/D-1	
569	Cretaceous	
570	Upper Cretaceous	
571	no paleo info	
572	Eocene	
573	not diagnostic	
574	Eocene	
575	not diagnostic	
576	not diagnostic	
577	not diagnostic	
578	Eocene A-2	
579	Eocene A-2	
580	Eocene A-2	
581	U Cret E zone	
582	Upper Cretaceous	
583	U Cret E zone	
584	not diagnostic	
585	Eocene B-4 zone	
586	Eocene B-4 zone	
587	Eocene	
588	not diagnostic	
589	Eocene	
590	Paleocene D zone	
591	Paleocene D zone	
592	no paleo info	
593	no paleo info	
594	no paleo info	
595	no paleo info	
596	no paleo info	

	I	M
1	ZONE/SERIES/AGT	
597	no paleo info	
598	L Eocene	
599	L Eocene	
600	Eocene	
601	Eocene	
602	Eocene	
603	Eocene	
604	Eocene	
605	Eocene	
606	Eocene	
607	Eocene	
608	Eocene	
609	Eocene	
610	Upper Cretaceous	
611	Upper Cretaceous	
612	Upper Cretaceous	
613	Upper Cretaceous	
614	Upper Cretaceous	
615	Upper Cretaceous	
616	Upper Cretaceous	
617	Upper Cretaceous	
618	Eocene	
619	Eocene	
620	Eocene	
621	Eocene	
622	Eocene	
623	Eocene	
624	Eocene	
625	Eocene	
626	Eocene	
627	Eocene	
628	Eocene	
629	Eocene	
630	Eocene	
631	Eocene	
632	Eocene	
633	Eocene	
634	Eocene	
635	Eocene	
636	Eocene	
637	Eocene	
638	Eocene	
639	Eocene	
640	Eocene	
641	Eocene	
642	Eocene	
643	Eocene	
644	Eocene	
645	Eocene	
646	Eocene	
647	Eocene	
648	Eocene	
649	Eocene	
650	Upper Cretaceous	
651	Upper Cretaceous	
652	Upper Cretaceous	
653	Upper Cretaceous	
654	Upper Cretaceous	
655	Upper Cretaceous	
656	Upper Cretaceous	
657	Upper Cretaceous	
658	Upper Cretaceous	
659	Upper Cretaceous	
660	Upper Cretaceous	
661	Upper Cretaceous	
662	Upper Cretaceous	
663	Upper Cretaceous	
664	Upper Cretaceous	
665	Upper Cretaceous	
666	Upper Cretaceous	
667	Upper Cretaceous	
668	Upper Cretaceous	
669	Upper Cretaceous	
670	Upper Cretaceous	
671	Upper Cretaceous	
672	Upper Cretaceous	
673	Upper Cretaceous	
674	Upper Cretaceous	
675	Upper Cretaceous	
676	Upper Cretaceous	
677	Upper Cretaceous	
678	Upper Cretaceous	
679	no paleo info	
680	Cretaceous	
681	U Cret I zone	

	I	M
1	ZONE/SERIES/AGT	
682	U Cret F-1 zone	
683	U Cret H or older	
684	not diagnostic	
685	U Cret H or older	
686	U Cret H or older	
687	U Cret H or older	
688	U Cret F zone	
689	U Cret E/G zones	
690	not diagnostic	
691	U Cret E/G zones	
692	Paleocene D/E zone	
693	Paleocene E zone	
694	U Cret E zone	
695	U Cret E zone	
696	U Cret E zone	
697	U Cret E zone	
698	U Cret E zone	
699	U Cret E zone	
700	U Cret E zone	
701	U Cret E zone	
702	U Cret E zone	
703	U Cret E zone	
704	U Cret E zone	
705	U Cret F-2 zone	
706	U Cret F-2 zone	
707	L Cret J zone	
708	L Cret J zone	
709	L Cret J zone	
710	L Cret J-2 zone	
711	L Cret J-1 zone	
712	L Cret J-1 zone	
713	not diagnostic	
714	no paleo info	
715	no paleo info	
716	no paleo info	
717	no paleo info	
718	no paleo info	
719	no paleo info	
720	no paleo info	
721	no paleo info	
722	no paleo info	
723	no paleo info	
724	no paleo info	
725	no paleo info	
726	no paleo info	
727	no paleo info	
728	no paleo info	
729	Upper Cretaceous	
730	Upper Cretaceous	
731	no paleo info	
732	no paleo info	
733	no paleo info	
734	no paleo info	
735	no paleo info	
736	no paleo info	
737	no paleo info	
738	no paleo info	
739	no paleo info	
740	no paleo info	
741	no paleo info	
742	no paleo info	
743	no paleo info	
744	no paleo info	
745	no paleo info	
746	no paleo info	
747	no paleo info	
748	no paleo info	
749	no paleo info	
750	no paleo info	
751	no paleo info	
752	no paleo info	
753	no paleo info	
754	no paleo info	
755	no paleo info	
756	no paleo info	
757	no paleo info	
758	no paleo info	
759	no paleo info	
760	no paleo info	
761	no paleo info	
762	no paleo info	
763	no paleo info	
764	Cret/Paleocene	
765	U Cret H zone	
766	U Cret F zone	

	I	M
1	ONE/SERIES/AGT	
767	no paleo info	
768	U Cret F zone	
769	Cret	
770	Cret	
771	Cret	
772	Cret	
773	Cret	
774	Cret	
775	Cret	
776	Cret	
777	Cret	
778	Cret	
779	Cret	
780	Cret	
781	Cretaceous	
782	Upper Pliocene	
783	Upper Pliocene	
784	not diagnostic	
785	not diagnostic	
786	barren	
787	barren	
788	Upper Pliocene	
789	barren	
790	Upper Pliocene	
791	Pliocene	
792	not diagnostic	
793	Pliocene	
794	Lower Zemorrian	
795	Lower Zemorrian	
796	Lower Relizian	
797	no paleo info	
798	no paleo info	
799	no paleo info	
800	Luisian	
801	Relizian	
802	not diagnostic	
803	no paleo info	
804	no paleo info	
805	Zem/Saucesian	
806	Zem/Saucesian	
807	Zem/Saucesian	
808	Zem/Saucesian	
809	Zem/Saucesian	
810	Zem/Saucesian	
811	prob Relizian	
812	barren	
813	Lower Miocene	
814	Lower Miocene	
815	Relizian	
816	poss L Miocene	
817	Relizian	
818	not diagnostic	
819	barren	
820	Miocene	
821	Miocene	
822	Miocene	
823	Miocene	
824	Upper Luisian	
825	Upper Luisian	
826	Upper Relizian	
827	no paleo info	
828	Upper Saucesian	
829	Upper Saucesian	
830	Upper Saucesian	
831	Upper Saucesian	
832	Upper Saucesian	
833	Upper Saucesian	
834	Upper Saucesian	
835	Upper Saucesian	
836	Upper Saucesian	
837	Upper Saucesian	
838	Upper Saucesian	
839	Lower Relizian	
840	Lower Relizian	
841	Lower Relizian	
842	Lower Relizian	
843	Upper Relizian	
844	Lower Mohnian	
845	Luisian	
846	Lower Mohnian	
847	Lower Mohnian	
848	not diagnostic	
849	Lower Mohnian	
850	Lower Mohnian	
851	barren	

	I	M
1	ONE/SERIES/AGE	
852	Mohnian	
853	prob U Miocene	
854	no paleo info	
855	no paleo info	
856	no paleo info	
857	no paleo info	
858	no age info	
859	no paleo info	
860	no paleo info	
861	no paleo info	
862	no paleo info	
863	no paleo info	
864	no paleo info	
865	Relizian	
866	no paleo info	
867	no paleo info	
868	no paleo info	
869	no paleo info	
870	no paleo info	
871	no paleo info	
872	no paleo info	
873	Pliocene	
874	Upper Mohnian	
875	Upper Mohnian	
876	Upper Mohnian	
877	Upper Mohnian	
878	Upper Mohnian	
879	Upper Mohnian	
880	Upper Mohnian	
881	Upper Mohnian	
882	Upper Mohnian	
883	Upper Mohnian	
884	Upper Mohnian	
885	Upper Mohnian	
886	Upper Mohnian	
887	Upper Mohnian	
888	Upper Mohnian	
889	Upper Mohnian	
890	Upper Mohnian	
891	Middle Mohnian	
892	Middle Mohnian	
893	Middle Mohnian	
894	Middle Mohnian	
895	Middle Mohnian	
896	Middle Mohnian	
897	Middle Mohnian	
898	Middle Mohnian	
899	Middle Mohnian	
900	Middle Mohnian	
901	Middle Mohnian	
902	Middle Mohnian	
903	Middle Mohnian	
904	Middle Mohnian	
905	Middle Mohnian	
906	Middle Mohnian	
907	Middle Mohnian	
908	Middle Mohnian	
909	Middle Mohnian	
910	Middle Mohnian	
911	Mohnian	
912	Mohnian	
913	Mohnian	
914	Mohnian	
915	no paleo info	
916	barren	
917	indeterminate	
918	no paleo info	
919	not diagnostic	
920	no paleo info	
921	no paleo info	
922	no paleo info	
923	no paleo info	
924	no paleo info	
925	no paleo info	
926	no paleo info	
927	no paleo info	
928	no paleo info	
929	no paleo info	
930	no paleo info	
931	no paleo info	
932	no paleo info	
933	no paleo info	
934	no paleo info	
935	no paleo info	
936	no paleo info	

	I	M
1	ONE/SERIES/AGT	
937	no paleo info	
938	no paleo info	
939	no paleo info	
940	no paleo info	
941	no paleo info	
942	no paleo info	
943	no paleo info	
944	Zemorrian	
945	Zemorrian	
946	Zemorrian	
947	Zemorrian	
948	Zemorrian	
949	Paleocene E zone	
950	Lower Mohnian	
951	Mohnian	
952	not diagnostic	
953	Trifuno Pass	
954	not diagnostic	
955	Eocene	
956	not diagnostic	
957	U Cret/Paleocene	
958	not diagnostic	
959	prob Relizian	
960	prob Luisian	
961	Cret/Paleoc	
962	Cret/Paleocene	
963	no paleo info	
964	no paleo info	
965	no paleo info	
966	no paleo info	
967	no paleo info	
968	Relizian	
969	M Miocene	
970	not diagnostic	
971	Mohnian	
972	Mohnian	
973	Mohnian	
974	Luisian	
975	Lower Cretaceous	
976	Lower Cretaceous	
977	Lower Cretaceous	
978	Lower Cretaceous	
979	Lower Cretaceous	
980	Lower Cretaceous	
981	Lower Cretaceous	
982	Lower Cretaceous	
983	Lower Cretaceous	
984	L Cret L zone	
985	L Cret L zone	
986	L Cret L zone	
987	L Cret L zone	
988	L Cret L zone	
989	L Cret L zone	
990	L Cret L zone	
991	L Cret L zone	
992	L Cret L zone	
993	L Cret L zone	
994	L Cret L zone	
995	L Cret L zone	
996	L Cret L zone	
997	L Cret L zone	
998	L Cret L zone	
999	L Cret L zone	
1000	L Cret L zone	
1001	L Cret L zone	
1002	L Cret L zone	
1003	L Cret L zone	
1004	L Cret L zone	
1005	L Cret L zone	
1006	L Cret L zone	
1007	L Cret L zone	
1008	L Cret L zone	
1009	L Cret L zone	
1010	L Cret L zone	
1011	L Cret L zone	
1012	L Cret L zone	
1013	L Cret L zone	
1014	L Cret L zone	
1015	L Cret L zone	
1016	L Cret L zone	
1017	L Cret L zone	
1018	L Cret L zone	
1019	L Cret L zone	
1020	L Cret L zone	
1021	L Cret L zone	

	I	M
1	ONE/SERIES/AGF	
1022	L Cret L zone	
1023	L Cret M zone	
1024	L Cret M zone	
1025	L Cret M zone	
1026	not diagnostic	
1027	not diagnostic	
1028	not diagnostic	
1029	not diagnostic	
1030	not diagnostic	
1031	not diagnostic	
1032	not diagnostic	
1033	not diagnostic	
1034	Upper Cretaceous	
1035	U Cret G-1 zone	
1036	U Cret G-1 zone	
1037	U Cret G-1 zone	
1038	U Cret G-1 zone	
1039	U Cret G-1 zone	
1040	U Cret G-1 zone	
1041	U Cret G-1 zone	
1042	not diagnostic	
1043	not diagnostic	
1044	not diagnostic	
1045	not diagnostic	
1046	Prob U Cret H zon	
1047	Prob U Cret H zon	
1048	Prob U Cret H zon	
1049	Prob U Cret H zon	
1050	Prob U Cret H zon	
1051	Prob U Cret H zon	
1052	Prob U Cret H zon	
1053	Prob U Cret H zon	
1054	Prob U Cret H zon	
1055	Prob U Cret H zon	
1056	Prob U Cret H zon	
1057	Prob U Cret H zon	
1058	Prob U Cret H zon	
1059	Prob U Cret H zon	
1060	Prob U Cret H zon	
1061	Prob U Cret H zon	
1062	Prob U Cret H zon	
1063	Prob U Cret H zon	
1064	Prob U Cret H zon	
1065	Prob U Cret H zon	
1066	Prob U Cret H zon	
1067	Prob U Cret H zon	
1068	Prob U Cret H zon	
1069	Prob U Cret H zon	
1070	Prob U Cret H zon	
1071	Prob U Cret H zon	
1072	Prob U Cret H zon	
1073	Prob U Cret H zon	
1074	Prob U Cret H zon	
1075	Prob U Cret H zon	
1076	Prob U Cret H zon	
1077	Prob U Cret H zon	
1078	Prob U Cret H zon	
1079	Prob U Cret H zon	
1080	Prob U Cret H zon	
1081	Prob U Cret H zon	
1082	Prob U Cret H zon	
1083	Prob U Cret H zon	
1084	Prob U Cret H zon	
1085	Prob U Cret H zon	
1086	Prob U Cret H zon	
1087	Prob U Cret H zon	
1088	Prob U Cret H zon	
1089	Prob U Cret H zon	
1090	Prob U Cret H zon	
1091	Prob U Cret H zon	
1092	Prob U Cret H zon	
1093	Prob U Cret H zon	
1094	Prob U Cret H zon	
1095	Prob U Cret H zon	
1096	Prob U Cret H zon	
1097	Prob U Cret H zon	
1098	Prob U Cret H zon	
1099	Prob U Cret H zon	
1100	Prob U Cret H zon	
1101	Prob U Cret H zon	
1102	Prob U Cret H zon	
1103	Prob U Cret H zon	
1104	Prob U Cret H zon	
1105	Prob U Cret H zon	
1106	Prob U Cret H zon	

	I	M
1	ONE/SERIES/AGF	
1107	Prob U Cret H zon	
1108	Prob U Cret H zon	
1109	Prob U Cret H zon	
1110	Prob U Cret H zon	
1111	Prob U Cret H zon	
1112	Prob U Cret H zon	
1113	Prob U Cret H zon	
1114	U Cret H zone	
1115	U Cret H zone	
1116	U Cret H zone	
1117	U Cret H zone	
1118	U Cret H zone	
1119	U Cret H zone	
1120	U Cret H zone	
1121	U Cret H zone	
1122	U Cret H zone	
1123	U Cret H zone	
1124	U Cret H zone	
1125	U Cret H zone	
1126	U Cret H zone	
1127	U Cret H zone	
1128	U Cret H zone	
1129	U Cret H zone	
1130	U Cret H zone	
1131	U Cret H zone	
1132	U Cret H zone	
1133	U Cret H zone	
1134	U Cret H zone	
1135	U Cret H zone	
1136	U Cret H zone	
1137	U Cret H zone	
1138	U Cret H zone	
1139	U Cret H zone	
1140	U Cret H zone	
1141	U Cret H zone	
1142	U Cret H zone	
1143	U Cret H zone	
1144	U Cret H zone	
1145	U Cret H zone	
1146	U Cret H zone	
1147	U Cret H zone	
1148	U Cret H zone	
1149	U Cret H zone	
1150	U Cret H zone	
1151	U Cret H zone	
1152	U Cret H zone	
1153	Upper Cretaceous	
1154	Upper Cretaceous	
1155	Upper Cretaceous	
1156	no paleo info	
1157	Paleocene	
1158	Paleocene	
1159	Paleocene	
1160	Paleocene	
1161	Paleocene	
1162	Paleocene	
1163	Paleocene	
1164	Paleocene	
1165	Paleocene	
1166	Paleocene	
1167	Paleocene	
1168	Paleocene	
1169	Paleocene	
1170	Paleocene	
1171	Paleocene	
1172	Paleocene	
1173	Paleocene	
1174	Paleocene	
1175	Paleocene	
1176	Paleocene	
1177	Cretaceous	
1178	Cretaceous	
1179	Cretaceous	
1180	Cretaceous	
1181	Cretaceous	
1182	Cretaceous	
1183	Cretaceous	
1184	Cretaceous	
1185	Cretaceous	
1186	Cretaceous	
1187	Cretaceous	
1188	Cretaceous	
1189	Cretaceous	
1190	Paleocene	
1191	Paleocene	

	I	M
1	ONE/SERIES/AGI	
1192	Paleocene	
1193	Paleocene	
1194	Paleocene	
1195	Paleocene	
1196	Paleocene	
1197	Paleocene	
1198	Paleocene	
1199	Paleocene	
1200	Paleocene	
1201	Paleocene	
1202	Paleocene	
1203	Paleocene	
1204	Paleocene	
1205	Paleocene	
1206	Paleocene	
1207	Paleocene	
1208	Paleocene	
1209	Paleocene	
1210	Paleocene	
1211	Paleocene	
1212	Paleocene	
1213	Paleocene	
1214	Paleocene	
1215	Paleocene	
1216	Paleocene	
1217	Paleocene	
1218	Paleocene	
1219	Paleocene	
1220	Paleocene	
1221	Paleocene	
1222	Paleocene	
1223	no paleo info	
1224	no paleo info	
1225	no paleo info	
1226	Eocene	
1227	not diagnostic	
1228	Cret/Paleocene	
1229	Eocene	
1230	Eocene	
1231	Eocene	
1232	Eocene	
1233	not diagnostic	
1234	prob Paleocene	
1235	not diagnostic	
1236	prob Paleocene	
1237	Paleocene	
1238	not diagnostic	
1239	Paleocene E zone	
1240	not diagnostic	
1241	not diagnostic	
1242	not diagnostic	
1243	Cretaceous	
1244	not diagnostic	
1245	Cret/Paleocene	
1246	Upper Cretaceous	
1247	Upper Cretaceous	
1248	Upper Cret G-2	
1249	Upper Cret G-2	
1250	Cretaceous	
1251	Cretaceous	
1252	Cretaceous	
1253	no paleo info	
1254	no paleo info	
1255	no paleo info	
1256	no paleo info	
1257	no paleo info	
1258	no paleo info	
1259	no paleo info	
1260	no paleo info	
1261	no paleo info	
1262	no paleo info	
1263	no paleo info	
1264	no paleo info	
1265	no paleo info	
1266	no paleo info	
1267	no paleo info	
1268	no paleo info	
1269	UK G-2	
1270	probably Miocene	
1271	probably Miocene	
1272	probably Miocene	
1273	probably Miocene	
1274	probably Miocene	
1275	probably Miocene	
1276	probably Miocene	

	I	M
1	ONE/SERIES/AGF	
1277	probably Miocene	
1278	probably Miocene	
1279	probably Miocene	
1280	probably Miocene	
1281	probably Miocene	
1282	probably Miocene	
1283	probably Miocene	
1284	probably Miocene	
1285	probably Miocene	
1286	probably Miocene	
1287	probably Miocene	
1288	probably Miocene	
1289	probably Miocene	
1290	Miocene	
1291	Miocene	
1292	Miocene	
1293	Miocene	
1294	Miocene	
1295	Miocene	
1296	Mohnian	
1297	Mohnian?	
1298	Mohnian?	
1299	no paleo info	
1300	Mohnian	
1301	Mohnian	
1302	Mohnian	
1303	no paleo info	
1304	no paleo info	
1305	Mohnian	
1306	Mohnian	
1307	Mohnian	
1308	Mohnian	
1309	Mohnian	
1310	no paleo info	
1311	Mohnian	
1312	Mohnian	
1313	no paleo info	
1314	not diagnostic	
1315	no paleo info	
1316	no paleo info	
1317	no paleo info	
1318	no paleo info	
1319	Mohnian	
1320	Eocene?	
1321	Zemorrian	
1322	Zemorrian	
1323	Zemorrian	
1324	Zemorrian	
1325	Zemorrian	
1326	Zemorrian	
1327	Zemorrian	
1328	Zemorrian	
1329	Zemorrian	
1330	Zemorrian	
1331	Zemorrian	
1332	Zemorrian	
1333	Zemorrian	
1334	Zemorrian	
1335	Zemorrian	
1336	Zemorrian	
1337	Zemorrian	
1338	Zemorrian	
1339	Zemorrian	
1340	Zemorrian	
1341	Zemorrian	
1342	Zemorrian	
1343	Zemorrian	
1344	Zemorrian	
1345	Zemorrian	
1346	Zemorrian	
1347	Zemorrian	
1348	Refugian	
1349	Refugian	
1350	Refugian	
1351	Refugian	
1352	Refugian	
1353	Refugian	
1354	Refugian	
1355	Refugian	
1356	Eocene A zone	
1357	Eocene A zone	
1358	Eocene A zone	
1359	Eocene A zone	
1360	Eocene A zone	
1361	Eocene A zone	

	I	M
1	ONE/SERIES/AGF	
1362	Eocene A zone	
1363	Eocene A zone	
1364	Eocene A zone	
1365	Zemorrian	
1366	Zemorrian	
1367	Zemorrian	
1368	Zemorrian	
1369	Zemorrian	
1370	Eocene	
1371	Eocene	
1372	Zemorrian	
1373	Zemorrian	
1374	Zemorrian	
1375	Zemorrian	
1376	Zemorrian	
1377	Zemorrian	
1378	Zemorrian	
1379	Zemorrian	
1380	Lower Miocene	
1381	not diagnostic	
1382	Zemorrian	
1383	Zemorrian	
1384	Zemorrian	
1385	not diagnostic	
1386	not diagnostic	
1387	Saucesian	
1388	not diagnostic	
1389	Zemorrian	
1390	not diagnostic	
1391	not diagnostic	
1392	not diagnostic	
1393	U Eocene A zone	
1394	not diagnostic	
1395	Paleocene	
1396	Paleocene?	
1397	Zemorrian	
1398	not diagnostic	
1399	prob Eocene	
1400	Zemorrian	
1401	not diagnostic	
1402	Zemorrian	
1403	Lower Miocene	
1404	not diagnostic	
1405	Lower Miocene	
1406	not diagnostic	
1407	not diagnostic	
1408	Lower Miocene	
1409	Saucesian	
1410	Lower Relizian	
1411	Upper Zemorrian	
1412	Zemorrian	
1413	not diagnostic	
1414	Zemorrian	
1415	not diagnostic	
1416	not diagnostic	
1417	not diagnostic	
1418	U Eocene A zone	
1419	Lower Miocene	
1420	Saucesian	
1421	Lower Miocene	
1422	not diagnostic	
1423	Lower Zemorrian	
1424	Zemorrian	
1425	not diagnostic	
1426	not diagnostic	
1427	not diagnostic	
1428	U Eocene A zone	
1429	not diagnostic	
1430	Eocene A zone	
1431	Zemorrian	
1432	not diagnostic	
1433	not diagnostic	
1434	Lower Miocene	
1435	Lower Zemorrian	
1436	Upper? Zemorrian	
1437	Lower Zemorrian	
1438	prob Zemorrian	
1439	Lower Zemorrian	
1440	no paleo data	
1441	no paleo data	
1442	no paleo data	
1443	no paleo data	
1444	no paleo data	
1445	no paleo data	
1446	no paleo data	

	I	M
1	ONE/SERIES/AGT	
1447	no paleo data	
1448	no paleo data	
1449	no paleo data	
1450	no paleo data	
1451	no paleo data	
1452	no paleo data	
1453	no paleo info	
1454	no paleo info	
1455	no paleo info	
1456	no paleo info	
1457	no paleo info	
1458	no paleo info	
1459	no paleo info	
1460	no paleo info	
1461	no paleo info	
1462	no paleo info	
1463	no paleo info	
1464	no paleo info	
1465	no paleo info	
1466	no paleo info	
1467	not diagnostic	
1468	no paleo info	
1469	no paleo info	
1470	Lower Miocene	
1471	Lower Miocene	
1472	U Cret F-1 zone	
1473	barren	
1474	U Cret F-1 zone	
1475	barren	
1476	not diagnostic	
1477	U Cret F-1 zone	
1478	not diagnostic	
1479	U Cret F-1 zone	
1480	not diagnostic	
1481	U Cret F-1 zone	
1482	not diagnostic	
1483	not diagnostic	
1484	not diagnostic	
1485	not diagnostic	
1486	U Cret F-1 zone	
1487	Prob U Cret F-1	
1488	Prob U Cret F-1	
1489	Prob U Cret F-1	
1490	Prob U Cret F-1	
1491	Prob U Cret F-1	
1492	Prob U Cret F-1	
1493	U Cret F-1 zone	
1494	not diagnostic	
1495	not diagnostic	
1496	U Cret F-1 zone	
1497	not diagnostic	
1498	not diagnostic	
1499	not diagnostic	
1500	not diagnostic	
1501	U Cret F-1 zone	
1502	U Cret F-1 zone	
1503	U Cret F-1 zone	
1504	not diagnostic	
1505	not diagnostic	
1506	not diagnostic	
1507	not diagnostic	
1508	U Cret F-1 zone	
1509	U Cret F-1 zone	
1510	not diagnostic	
1511	not diagnostic	
1512	not diagnostic	
1513	not diagnostic	
1514	not diagnostic	
1515	U Cret G-1 zone	
1516	U Cret G-1 zone	
1517	U Cret G-1 zone	
1518	barren	
1519	barren	
1520	barren	
1521	barren	
1522	U Cret H zone	
1523	U Cret H zone	
1524	U Cret H zone	
1525	U Cret H zone	
1526	U Cret H zone	
1527	U Cret H zone	
1528	U Cret H zone	
1529	U Cret H zone	
1530	U Cret H zone	
1531	U Cret H zone	

	I	M
1	ONE/SERIES/AGI	
1532	not diagnostic	
1533	not diagnostic	
1534	no paleo data	
1535	no paleo data	
1536	no paleo data	
1537	no paleo data	
1538	no paleo data	
1539	no paleo info	
1540	no paleo info	
1541	no paleo info	
1542	no paleo info	
1543	no paleo info	
1544	no paleo info	
1545	no paleo info	
1546	no paleo info	
1547	Eocene	
1548	Eocene	
1549	no paleo info	
1550	no paleo info	
1551	no paleo info	
1552	no paleo info	
1553	no paleo info	
1554	no paleo info	
1555	no paleo info	
1556	no paleo info	
1557	no paleo info	
1558	Plio/Pleistocene	
1559	Plio/Pleistocene	
1560	not diagnostic	
1561	Plio/Pleistocene	
1562	Plio/Pleistocene	
1563	Plio/Pleistocene	
1564	Plio/Pleistocene	
1565	Plio/Pleistocene	
1566	Plio/Pleistocene	
1567	Delmontian	
1568	Delmontian	
1569	no paleo info	
1570	no paleo info	
1571	no paleo info	
1572	no paleo info	
1573	no paleo info	
1574	poss Pliocene	
1575	barren	
1576	poss U Miocene	
1577	not diagnostic	
1578	poss Pliocene	
1579	poss Pliocene	
1580	poss U Miocene	
1581	no paleo info	
1582	no age provided	
1583	no age provided	
1584	no age provided	
1585	no age provided	
1586	no age provided	
1587	no age provided	
1588	no age provided	
1589	no age provided	
1590	no age provided	
1591	no age provided	
1592	no age provided	
1593	no age provided	
1594	no age provided	
1595	no age provided	
1596	no age provided	
1597	no age provided	
1598	no age provided	
1599	no age provided	
1600	no age provided	
1601	no paleo info	
1602	no paleo info	
1603	Miocene	
1604	Miocene	
1605	Miocene	
1606	Miocene	
1607	not diagnostic	
1608	not diagnostic	
1609	? Upper Miocene	
1610	? Upper Miocene	
1611	no paleo info	
1612	no paleo info	
1613	no paleo info	
1614	no paleo info	
1615	no paleo info	
1616	no paleo info	

	I	M
1	ONE/SERIES/AGI	
1617	Eocene	
1618	Eocene	
1619	Eocene	
1620	Eocene	
1621	Eocene	
1622	Eocene	
1623	Eocene	
1624	Eocene	
1625	Eocene	
1626	Eocene	
1627	Eocene	
1628	Eocene	
1629	Eocene	
1630	Eocene	
1631	Eocene	
1632	Eocene	
1633	Eocene	
1634	Eocene	
1635	Eocene	
1636	Eocene	
1637	Eocene	
1638	Eocene	
1639	Eocene	
1640	Eocene	
1641	Eocene	
1642	Eocene	
1643	Eocene	
1644	Eocene	
1645	Eocene	
1646	Eocene	
1647	U Cret C/D-1 zone	
1648	U Cret C/D-1 zone	
1649	U Cret C/D-1 zone	
1650	U Cret C/D-1 zone	
1651	U Cret C/D-1 zone	
1652	U Cret C/D-1 zone	
1653	U Cret C/D-1 zone	
1654	U Cret C/D-1 zone	
1655	U Cret C/D-1 zone	
1656	U Cret C/D-1 zone	
1657	U Cret C/D-1 zone	
1658	U Cret C/D-1 zone	
1659	U Cret C/D-1 zone	
1660	U Cret C/D-1 zone	
1661	U Cret C/D-1 zone	
1662	U Cret C/D-1 zone	
1663	U Cret D-2 zone	
1664	U Cret D-2 zone	
1665	U Cret D-2 zone	
1666	U Cret D-2 zone	
1667	U Cret D-2 zone	
1668	U Cret D-2 zone	
1669	U Cret D-2 zone	
1670	U Cret D-2 zone	
1671	U Cret D-2 zone	
1672	U Cret D-2 zone	
1673	U Cret D-2 zone	
1674	U Cret D-2 zone	
1675	U Cret D-2 zone	
1676	U Cret D-2 zone	
1677	U Cret D-2 zone	
1678	U Cret E zone	
1679	U Cret E zone	
1680	U Cret E zone	
1681	U Cret E zone	
1682	U Cret E zone	
1683	U Cret E zone	
1684	U Cret E zone	
1685	U Cret E zone	
1686	U Cret E zone	
1687	U Cret E zone	
1688	Cretaceous	
1689	no paleo info	
1690	no paleo info	
1691	no paleo info	
1692	no paleo info	
1693	Eocene	
1694	Prob U Cret E zon	
1695	U Cret C/D zones	
1696	U Cret C/D zones	
1697	U Cret D/E zones	
1698	U Cret D/E zones	
1699	U Cret E zone	
1700	U Cret C/D zones	
1701	U Cret C/D zones	

	I	M
1	ONE/SERIES/AGF	
1702	Prob U Cret E zon	
1703	Prob U Cret E zon	
1704	Prob U Cret E zon	
1705	Prob U Cret E zon	
1706	Prob U Cret E zon	
1707	Prob U Cret E zon	
1708	Prob U Cret E zon	
1709	Eocene	
1710	Luisian	
1711	Luisian	
1712	Relizian	
1713	Relizian	
1714	Relizian	
1715	Relizian	
1716	Cretaceous	
1717	Cretaceous	
1718	prob Middle Mioce	
1719	not diagnostic	
1720	Cret/Paleocene	
1721	Cret/Paleocene	
1722	?Cretaceous	
1723	?Cretaceous	
1724	?Cretaceous	
1725	?Cretaceous	
1726	?Cretaceous	
1727	?Cretaceous	
1728	?Cretaceous	
1729	?Cretaceous	
1730	?Cretaceous	
1731	?Cretaceous	
1732	?Cretaceous	
1733	Cret/Paleocene	
1734	Cret/Paleocene	
1735	Cret/Paleocene	
1736	Saucesian	
1737	Saucesian	
1738	barren	
1739	not diagnostic	
1740	barren	
1741	Paleocene	
1742	Paleocene	
1743	Paleocene	
1744	no paleo info	
1745	Eocene	
1746	Eocene	
1747	Eocene	
1748	Eocene	
1749	Eocene	
1750	no paleo info	
1751	Eocene	
1752	Paleocene?	
1753	Paleocene?	
1754	Paleocene?	
1755	Eocene	
1756	Middle Miocene	
1757	Miocene	
1758	barren	
1759	not diagnostic	
1760	Paleocene?	
1761	Eocene	
1762	not diagnostic	
1763	Eocene	
1764	no paleo info	
1765	Eocene	
1766	Eocene	
1767	Eocene	
1768	barren	
1769	Eocene	
1770	Eocene	
1771	no paleo info	
1772	no paleo info	
1773	Eocene	
1774	Eocene	
1775	Eocene	
1776	no paleo info	
1777	no paleo info	
1778	Eocene	
1779	Eocene	
1780	no paleo info	
1781	Eocene	
1782	Eocene	
1783	Eocene	
1784	barren	
1785	barren	
1786	not diagnostic	

	I	M
1	ZONE/SERIES/AGT	
1787	not diagnostic	
1788	barren	
1789	Eocene	
1790	Eocene	
1791	no paleo info	
1792	not diagnostic	
1793	Eocene	
1794	Eocene	
1795	Eocene	
1796	Eocene	
1797	Eocene	
1798	Eocene	
1799	Eocene	
1800	no paleo info	
1801	barren	
1802	barren	
1803	barren	
1804	no paleo info	
1805	Eocene	
1806	Eocene	
1807	Eocene	
1808	not diagnostic	
1809	barren	
1810	not diagnostic	
1811	barren	
1812	not diagnostic	
1813	not diagnostic	
1814	Eocene	
1815	no paleo info	
1816	no paleo info	
1817	Eocene	
1818	prob L. Miocene	
1819	Eocene	
1820	barren	
1821	Eocene?	
1822	Eocene	
1823	Eocene	
1824	not diagnostic	
1825	Eocene	
1826	Eocene	
1827	no paleo info	
1828	not diagnostic	
1829	Eocene	
1830	Eocene	
1831	Eocene	
1832	Eocene	
1833	Eocene?	
1834	Eocene	
1835	Eocene	
1836	Eocene	
1837	Eocene	
1838	Eocene	
1839	Eocene	
1840	Eocene	
1841	Eocene	
1842	not diagnostic	
1843	Eocene	
1844	Eocene	
1845	Eocene	
1846	Eocene	
1847	Eocene	
1848	Eocene	
1849	Eocene	
1850	Eocene	
1851	Eocene	
1852	Eocene	
1853	Eocene	
1854	Eocene	
1855	Eocene	
1856	Eocene	
1857	no paleo info	
1858	not diagnostic	
1859	not diagnostic	
1860	not diagnostic	
1861	not diagnostic	
1862	Paleocene E zone	
1863	Paleocene E zone	
1864	not diagnostic	
1865	Paleocene E zone	
1866	not diagnostic	
1867	Eocene	
1868	Paleocene D zone	
1869	Lower Tertiary	
1870	Miocene	
1871	not diagnostic	

	I	M
1	ONE/SERIES/AGI	
1872	not diagnostic	
1873	no paleo info	
1874	no paleo info	
1875	no paleo info	
1876	no paleo info	
1877	no paleo info	
1878	no paleo info	
1879	no paleo info	
1880	no paleo info	
1881	no paleo info	
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1886	no paleo info	
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1897	no paleo info	
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1899	no paleo info	
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1901	no paleo info	
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1911	no paleo info	
1912	no paleo info	
1913	no paleo info	
1914	no paleo info	
1915	no paleo info	
1916	no paleo info	
1917	no paleo info	
1918	no paleo info	
1919	no paleo info	
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1925	no paleo info	
1926	no paleo info	
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1929	no paleo info	
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1931	no paleo info	
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1949	no paleo info	
1950	no paleo info	
1951	no paleo info	
1952	no paleo info	
1953	no paleo info	
1954	no paleo info	
1955	no paleo info	
1956	no paleo info	

	I	M
1	ONE/SERIES/AGI	
1957	no paleo info	
1958	no paleo info	
1959	no paleo info	
1960	no paleo info	
1961	no paleo info	
1962	no paleo info	
1963	no paleo info	
1964	no paleo info	
1965	no paleo info	
1966	no paleo info	
1967	no paleo info	
1968	no paleo info	
1969	no paleo info	
1970	no paleo info	
1971	no paleo info	
1972	no paleo info	
1973	no paleo info	
1974	no paleo info	
1975	no paleo info	
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1977	no paleo info	
1978	no paleo info	
1979	no paleo info	
1980	no paleo info	
1981	no paleo info	
1982	no paleo info	
1983	no paleo info	
1984	no paleo info	
1985	no paleo info	
1986	no paleo info	
1987	no paleo info	
1988	no paleo info	
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1	ONE/SERIES/AGI	
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2208	no paleo info	
2209	no paleo info	
2210	no paleo info	
2211	no paleo info	

	I	M
1	ZONE/SERIES/AGT	
2212	U Cret G-1 zone	
2213	U Cret G-1 zone	
2214	U Cret G-1 zone	
2215	U Cret G-1 zone	
2216	U Cret G-1 zone	
2217	U Cret G-1 zone	
2218	U Cret G-1 zone	
2219	U Cret G-1 zone	
2220	U Cret G-1 zone	
2221	U Cret G-1 zone	
2222	U Cret G-1 zone	
2223	U Cret G-1 zone	
2224	U Cret F-1 or G-1	
2225	U Cret F-1 or G-1	
2226	not diagnostic	
2227	U Cret F-1 or F-2	
2228	no paleo info	
2229	no paleo info	
2230	Middle Miocene	
2231	Middle Miocene	
2232	Middle Miocene	
2233	no paleo info	
2234	Luisian	
2235	Luisian	
2236	Luisian	
2237	Luisian	
2238	Middle Miocene?	
2239	U Saucesian	
2240	Saucesian	
2241	Middle Miocene	
2242	Saucesian	
2243	U Cret D zone	
2244	Cret/Paleocene	
2245	Cret/Paleocene	
2246	Cret/Paleocene	
2247	Cret/Paleocene	
2248	Cret/Paleocene	
2249	Cret/Paleocene	
2250	Cret/Paleocene	
2251	Cret/Paleocene	
2252	not diagnostic	
2253	not diagnostic	
2254	barren	
2255	barren	
2256	Saucesian	
2257	not diagnostic	
2258	Relizian	
2259	L Relizian	
2260	Relizian/Saucesian	
2261	Saucesian	
2262	not diagnostic	
2263	not diagnostic	
2264	Sauc/Relizian	
2265	not diagnostic	
2266	Lower Relizian	
2267	Relizian	
2268	Relizian	
2269	Relizian	
2270	Luisian	
2271	not diagnostic	
2272	no paleo info	
2273	Saucesian	
2274	Saucesian	
2275	Saucesian	
2276	Saucesian	
2277	Middle Miocene	
2278	Relizian	
2279	Middle Miocene	
2280	Middle Miocene	
2281	no paleo info	
2282	Miocene	
2283	Luisian	
2284	Luisian	
2285	Luisian	
2286	Luisian	
2287	Luisian	
2288	no paleo info	
2289	no paleo info	
2290	no paleo info	
2291	no paleo info	
2292	not diagnostic	
2293	Eocene	
2294	Eocene?	
2295	Eocene B-4/C	
2296	Cretaceous	

	I	M
1	ONE/SERIES/AG	
2297	U Cret D-1 zone	
2298	not diagnostic	
2299	U Cret D-1 zone	
2300	U Cret D-1 zone	
2301	no paleo info	
2302	Cretaceous	
2303	prob U Cret D-2	
2304	Cretaceous	
2305	not diagnostic	
2306	not diagnostic	
2307	Cretaceous	
2308	Cretaceous	
2309	Cretaceous	
2310	no paleo info	
2311	Cretaceous	
2312	no paleo info	
2313	U Cret G-1 zone	
2314	no paleo info	
2315	Upper Cretaceous'	
2316	barren	
2317	barren	
2318	Upper Cretaceous'	
2319	U Cret F-2 zone	
2320	U Cret F-2 zone	
2321	Cretaceous	
2322	Upper Cret F/G	
2323	Upper Cret F/G	
2324	U Cret F-2 zone	
2325	Cretaceous	
2326	Cretaceous	
2327	U Cret G zone	
2328	not diagnostic	
2329	Cretaceous	
2330	Cretaceous	
2331	Cretaceous	
2332	Cretaceous	
2333	Cretaceous	
2334	Cretaceous	
2335	in limestone	
2336	Upper Cretaceous	
2337	Eocene	
2338	Eocene	
2339	Cretaceous	
2340	Cretaceous	
2341	Cretaceous	
2342	Prob U Cret F zone	
2343	U Cret D zone	
2344	U Cret D zone	
2345	U Cret D zone	
2346	Cretaceous	
2347	U Cret F-2	
2348	U Cret F-2	
2349	U Cret F-2	
2350	not diagnostic	
2351	barren	
2352	not diagnostic	
2353	not diagnostic	
2354	U Cret F-2/G-1	
2355	Cretaceous	
2356	not diagnostic	
2357	not diagnostic	
2358	not diagnostic	
2359	not diagnostic	
2360	not diagnostic	
2361	not diagnostic	
2362	not diagnostic	
2363	not diagnostic	
2364	Cretaceous	
2365	Cretaceous	
2366	Cretaceous	
2367	not diagnostic	
2368	not diagnostic	
2369	not diagnostic	
2370	Cretaceous?	
2371	Eocene	
2372	Eocene	
2373	poss U Cret F-2	
2374	U Cret F/G zones	
2375	U Cret G-1 zone	
2376	not diagnostic	
2377	not diagnostic	
2378	U Cret F/G zones	
2379	U Cret F-2 zone	
2380	prob U Cret F-2	
2381	U Cret F/G zones	

	I	M
1	ZONE/SERIES/AGF	
2382	U Cret F/G zones	
2383	U Cret F-2 zone	
2384	U Cret G-2 zone	
2385	U Cret G-2 zone	
2386	Upper Cretaceous	
2387	Upper Cretaceous	
2388	U Cret E zone	
2389	U Cret E zone	
2390	U Cret E zone	
2391	U Cret E zone	
2392	U Cret E zone	
2393	U Cret E zone	
2394	U Cret E zone	
2395	U Cret E zone	
2396	U Cret E zone	
2397	U Cret E zone	
2398	U Cret E zone	
2399	U Cret E zone	
2400	U Cret F-1 zone	
2401	U Cret F-1 zone	
2402	U Cret F-1 zone	
2403	U Cret F-1 zone	
2404	U Cret F-1 zone	
2405	U Cret F-1 zone	
2406	U Cret E zone	
2407	U Cret F-1 zone	
2408	U Cret F-1 zone	
2409	U Cret E zone	
2410	U Cret E zone	
2411	U Cret E/F zones	
2412	U Cret F zone	
2413	U Cret F-2 zone	
2414	U Cret F/G zone	
2415	U Cret G-1 zone	
2416	U Cret G zone	
2417	U Cret G-2 zone	
2418	U Cret G-2 zone	
2419	U Cret H zone	
2420	U Cret H zone	
2421	U Cret H zone	
2422	U Cret H/I zones	
2423	Upper Cretaceous	
2424	U Cret G-2 zone	
2425	Upper Cretaceous	
2426	U Cret G1 zone	
2427	U Cret G zone	
2428	prob U Cret G-1	
2429	prob U Cret G-1	
2430	prob U Cret G-1	
2431	prob U Cret G-1	
2432	prob U Cret F-2	
2433	U Cret G-2 fauna	
2434	U Cret F-2 zone	
2435	U Cret G-2 fauna	
2436	not diagnostic	
2437	prob U Cret G-2	
2438	U Cret F-2 zone	
2439	Eocene	
2440	Eocene	
2441	Eocene	
2442	Eocene	
2443	Eocene	
2444	Eocene	
2445	Eocene	
2446	Eocene	
2447	Eocene	
2448	Eocene	
2449	Eocene	
2450	Eocene	
2451	U Cret F-2 zone	
2452	good fauna	
2453	Miocene	
2454	Miocene	
2455	Miocene	
2456	Miocene	
2457	Miocene	
2458	Miocene	
2459	Miocene	
2460	not diagnostic	
2461	Luisian	
2462	Luisian	
2463	Luisian	
2464	Luisian	
2465	Luisian	
2466	Mohnian	

	I	M
1	ONE/SERIES/AGT	
2467	Mohnian	
2468	Mohnian	
2469	Mohnian	
2470	Mohnian	
2471	Mohnian	
2472	Luisian	
2473	Luisian	
2474	Luisian	
2475	contaminated	
2476	contaminated	
2477	Luisian	
2478	Luisian	
2479	Luisian	
2480	Luisian	
2481	not diagnostic	
2482	Mohnian	
2483	Mohnian	
2484	Mohnian	
2485	not diagnostic	
2486	not diagnostic	
2487	poss Mohnian	
2488	not diagnostic	
2489	not diagnostic	
2490	not diagnostic	
2491	Upper Mohnian	
2492	Miocene	
2493	no paleo info	
2494	no paleo info	
2495	no paleo info	
2496	Luisian	
2497	Luisian	
2498	no paleo info	
2499	no paleo info	
2500	Upper Mohnian	
2501	Mohnian	
2502	Upper Mohnian	
2503	Lower Mohnian	
2504	Upper Mohnian	
2505	Upper Mohnian	
2506	Middle Mohnian	
2507	prob U Mohnian	
2508	Upper Mohnian	
2509	Upper Mohnian	
2510	Mohnian	
2511	Middle Miocene	
2512	Middle Miocene	
2513	Middle Miocene	
2514	Middle Miocene	
2515	Middle Miocene	
2516	Middle Miocene	
2517	Luisian	
2518	Luisian	
2519	Lower Luisian	
2520	Relizian	
2521	Upper Relizian	
2522	Luisian/Relizian	
2523	M/L Miocene	
2524	Lower Mohnian	
2525	not diagnostic	
2526	not diagnostic	
2527	U Miocene?	
2528	not diagnostic	
2529	Pliocene	
2530	Luisian	
2531	not diagnostic	
2532	not diagnostic	
2533	barren	
2534	Middle Miocene	
2535	no paleo info	
2536	Upper Relizian	
2537	Upper Relizian	
2538	M or L Miocene	
2539	M or L Miocene	
2540	M or L Miocene	
2541	prob Relizian	
2542	Luisian	
2543	Lower Luisian	
2544	Luisian	
2545	Miocene?	
2546	Upper Luisian	
2547	M or L Miocene	
2548	not diagnostic	
2549	barren	
2550	Miocene	
2551	no paleo info	

	I	M
1	ONE/SERIES/AG	
2552	Luisian	
2553	Luisian	
2554	Lower Luisian	
2555	Lower Luisian	
2556	Lower Luisian	
2557	Lower Luisian	
2558	Lower Luisian	
2559	Middle Miocene	
2560	Probably Relizian	
2561	Luisian	
2562	Relizian	
2563	Relizian	
2564	Luisian	
2565	Relizian	
2566	Relizian	
2567	prob Relizian	
2568	Middle Miocene	
2569	not diagnostic	
2570	Relizian	
2571	Luisian	
2572	Luisian	
2573	Middle Miocene	
2574	Upper Miocene	
2575	Miocene/Pliocene	
2576	not diagnostic	
2577	Luisian	
2578	Luisian	
2579	Upper Miocene	
2580	not diagnostic	
2581	not diagnostic	
2582	Middle Miocene	
2583	Miocene	
2584	not diagnostic	
2585	no paleo report	
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2600	Relizian	
2601	Relizian	
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2604	Relizian	
2605	Lower Luisian	
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2629	Upper Luisian	
2630	Upper Luisian	
2631	Upper Luisian	
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2633	Upper Luisian	
2634	Upper Luisian	
2635	no paleo info	
2636	no paleo info	

	I	M
1	ONE/SERIES/AGI	
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2641	no paleo info	
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2690	no paleo info	
2691	no paleo info	
2692	no paleo info	
2693	not diagnostic	
2694	Middle Miocene	
2695	Middle Miocene	
2696	Luisian/Mohnian	
2697	Middle Miocene	
2698	no paleo info	
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2700	no paleo info	
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2707	Luisian	
2708	Luisian	
2709	Middle Miocene	
2710	Middle Miocene	
2711	no paleo info	
2712	no paleo info	
2713	no paleo info	
2714	Saucesian	
2715	not diagnostic	
2716	no paleo info	
2717	no paleo info	
2718	no paleo info	
2719	no paleo info	
2720	no paleo info	
2721	not diagnostic	

	I	M
1	ONE/SERIES/AGF	
2722	no paleo info	
2723	not diagnostic	
2724	not diagnostic	
2725	Saucesian	
2726	Saucesian?	
2727	no paleo info	
2728	Saucesian/Luisian	
2729	Saucesian/Luisian	
2730	no paleo info	
2731	no paleo info	
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2735	no paleo info	
2736	no paleo info	
2737	no paleo info	
2738	L or M Miocene	
2739	not diagnostic	
2740	no paleo info	
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2742	no paleo info	
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2745	no paleo info	
2746	no paleo info	
2747	no paleo info	
2748	not diagnostic	
2749	not diagnostic	
2750	no paleo info	
2751	Luisian	
2752	Luisian	
2753	Luisian	
2754	Luisian	
2755	Luisian	
2756	Zemorrian	
2757	Zemorrian	
2758	no paleo info	
2759	Zemorrian	
2760	Zemorrian	
2761	no paleo info	
2762	rich fauna	
2763	rich fauna	
2764	no paleo info	
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2776	no paleo info	
2777	no paleo info	
2778	no paleo info	
2779	no paleo info	
2780	no paleo info	
2781	Middle Miocene	
2782	not diagnostic	
2783	not diagnostic	
2784	Luisian	
2785	not diagnostic	
2786	not diagnostic	
2787	Luisian	
2788	Relizian	
2789	Miocene	
2790	Miocene	
2791	Miocene	
2792	not diagnostic	
2793	not diagnostic	
2794	not diagnostic	
2795	Middle Miocene	
2796	poss Relizian	
2797	poss Relizian	
2798	not diagnostic	
2799	prob L Miocene	
2800	not diagnostic	
2801	Lower Miocene	
2802	Luisian	
2803	Saucesian	
2804	Saucesian	
2805	Saucesian/Relizian	
2806	not diagnostic	

	I	M
1	ONE/SERIES/AGF	
2807	Saucesian	
2808	no paleo info	
2809	Middle Miocene	
2810	Middle Miocene	
2811	Pliocene?	
2812	Pliocene?	
2813	Pliocene?	
2814	Middle Miocene	
2815	Middle Miocene	
2816	Luisian	
2817	poss U Miocene	
2818	not diagnostic	
2819	Luisian	
2820	poss L Relizian	
2821	not diagnostic	
2822	not diagnostic	
2823	Upper Miocene?	
2824	no paleo info	
2825	Upper Cretaceous	
2826	poss U Cretaceous	
2827	not diagnostic	
2828	Upper Cretaceous	
2829	no paleo info	
2830	Mohnian	
2831	Mohnian	
2832	Mohnian	
2833	not diagnostic	
2834	no paleo info	
2835	no paleo info	
2836	Pliocene	
2837	Pliocene	
2838	Pliocene	
2839	Mohnian	
2840	Mohnian	
2841	Mohnian	
2842	Mohnian	
2843	Miocene	
2844	Miocene	
2845	Miocene	
2846	Miocene?	
2847	Mohnian	
2848	Mohnian	
2849	Mohnian	
2850	Mohnian	
2851	not diagnostic	
2852	no paleo data	
2853	no paleo data	
2854	Lower Mohnian	
2855	Lower Mohnian	
2856	Lower Mohnian	
2857	Lower Mohnian	
2858	Lower Mohnian	
2859	Lower Mohnian	
2860	Lower Mohnian	
2861	Lower Mohnian	
2862	Lower Mohnian	
2863	Lower Mohnian	
2864	Middle Mohnian	
2865	Middle Mohnian	
2866	Middle Mohnian	
2867	Middle Mohnian	
2868	Middle Mohnian	
2869	Middle Mohnian	
2870	Middle Mohnian	
2871	Middle Mohnian	
2872	Middle Mohnian	
2873	Middle Mohnian	
2874	Middle Mohnian	
2875	Middle Mohnian	
2876	Middle Mohnian	
2877	Middle Mohnian	
2878	Middle Mohnian	
2879	Upper Mohnian	
2880	Upper Mohnian	
2881	Upper Mohnian	
2882	Upper Mohnian	
2883	Upper Mohnian	
2884	Upper Mohnian	
2885	Upper Mohnian	
2886	Upper Mohnian	
2887	Upper Mohnian	
2888	Upper Mohnian	
2889	Upper Mohnian	
2890	Upper Mohnian	
2891	Upper Mohnian	

	I	M
1	ONE/SERIES/AGF	
2892	Lower Mohnian	
2893	Lower Mohnian	
2894	Lower Mohnian	
2895	Lower Mohnian	
2896	Lower Mohnian	
2897	Lower Mohnian	
2898	Lower Mohnian	
2899	Lower Mohnian	
2900	Upper Mohnian	
2901	Upper Mohnian	
2902	Upper Mohnian	
2903	Upper Mohnian	
2904	Upper Mohnian	
2905	Upper Mohnian	
2906	Upper Mohnian	
2907	Upper Mohnian	
2908	no paleo info	
2909	no paleo info	
2910	no paleo info	
2911	no paleo info	
2912	no paleo info	
2913	no paleo info	
2914	Lower Mohnian	
2915	Lower Mohnian	
2916	Lower Mohnian	
2917	Lower Mohnian	
2918	Lower Mohnian	
2919	Lower Mohnian	
2920	Lower Mohnian	
2921	Lower Mohnian	
2922	Lower Mohnian	
2923	Lower Mohnian	
2924	Lower Mohnian	
2925	Lower Mohnian	
2926	Lower Mohnian	
2927	Lower Mohnian	
2928	Lower Mohnian	
2929	Middle Mohnian	
2930	Middle Mohnian	
2931	Middle Mohnian	
2932	Middle Mohnian	
2933	Middle Mohnian	
2934	Upper Mohnian	
2935	Upper Mohnian	
2936	Upper Mohnian	
2937	Upper Mohnian	
2938	Upper Mohnian	
2939	Upper Mohnian	
2940	Upper Mohnian	
2941	Upper Mohnian	
2942	Upper Mohnian	
2943	Upper Mohnian	
2944	Upper Mohnian	
2945	Upper Mohnian	
2946	Upper Mohnian	
2947	Upper Mohnian	
2948	no paleo info	
2949	no paleo info	
2950	Upper Mohnian	
2951	Upper Mohnian	
2952	Upper Mohnian	
2953	Mohnian	
2954	Upper Mohnian	
2955	Upper Mohnian	
2956	prob U Mohnian	
2957	Upper Mohnian	
2958	prob U Mohnian	
2959	Upper Mohnian	
2960	Upper Mohnian	
2961	Upper Mohnian	
2962	Upper Mohnian	
2963	Upper Mohnian	
2964	Upper Mohnian	
2965	Upper Mohnian	
2966	Upper Mohnian	
2967	Lower Miocene	
2968	Upper Mohnian	
2969	Upper Mohnian	
2970	Upper Mohnian	
2971	Upper Mohnian	
2972	Mohnian	
2973	Upper Mohnian	
2974	Upper Mohnian	
2975	prob L Mohnian	
2976	Upper Mohnian	

	I	M
1	ONE/SERIES/AGT	
2977	Middle Mohnian	
2978	Middle Mohnian	
2979	Middle Mohnian	
2980	Middle Mohnian	
2981	Mohnian	
2982	Middle Mohnian	
2983	Middle Mohnian	
2984	Middle Mohnian	
2985	Middle Mohnian	
2986	Mohnian	
2987	Upper Mohnian	
2988	Paleocene/Eocene	
2989	Lower Pliocene	
2990	Upper Miocene	
2991	?Upper Luisian	
2992	Lower Pliocene	
2993	Miocene/Pliocene	
2994	Upper Miocene	
2995	Upper Miocene	
2996	Middle Miocene	
2997	Middle Miocene	
2998	Middle Miocene	
2999	M or U Miocene	
3000	poss Delmontian	
3001	poss Delmontian	
3002	poss Delmontian	
3003	poss Delmontian	
3004	poss Delmontian	
3005	Upper Miocene	
3006	Upper Miocene	
3007	Upper Miocene	
3008	not diagnostic	
3009	not diagnostic	
3010	Pseudosaucesian	
3011	Pseudosaucesian	
3012	Pseudosaucesian	
3013	Pseudosaucesian	
3014	Pseudosaucesian	
3015	Pseudosaucesian	
3016	Pseudosaucesian	
3017	Pseudosaucesian	
3018	barren	
3019	not diagnostic	
3020	not diagnostic	
3021	Upper Miocene	
3022	not diagnostic	
3023	Upper Miocene	
3024	Upper Miocene	
3025	Upper Miocene	
3026	Upper Miocene	
3027	Miocene/Pliocene	
3028	Miocene/Pliocene	
3029	not diagnostic	
3030	Miocene/Pliocene	
3031	Miocene/Pliocene	
3032	not diagnostic	
3033	Miocene/Pliocene	
3034	Delmontian	
3035	Delmontian	
3036	Delmontian	
3037	Delmontian	
3038	Delmontian	
3039	Delmontian	
3040	Delmontian	
3041	Delmontian	
3042	not diagnostic	
3043	not diagnostic	
3044	Pseudosaucesian	
3045	Pseudosaucesian	
3046	Pseudosaucesian	
3047	Upper Miocene	
3048	Delmontian	
3049	Delmontian	
3050	Delmontian	
3051	not diagnostic	
3052	not diagnostic	
3053	not diagnostic	
3054	not diagnostic	
3055	Pseudosaucesian	
3056	Pseudosaucesian	
3057	Pseudosaucesian	
3058	Miocene/Pliocene	
3059	Miocene/Pliocene	
3060	Delmontian	
3061	Delmontian	

	I	M
1	ONE/SERIES/AGF	
3062	Delmontian	
3063	Delmontian	
3064	Delmontian	
3065	Pseudosaucesian	
3066	not diagnostic	
3067	Cretaceous	
3068	Cretaceous	
3069	older than UK H zr	
3070	U or L Cretaceous	
3071	Lower Cret J-1	
3072	no paleo info	
3073	poss Pliocene	
3074	poss Pliocene	
3075	Miocene/Pliocene	
3076	not diagnostic	
3077	not diagnostic	
3078	Pseudosaucesian	
3079	Delmontian	
3080	Pseudosaucesian	
3081	Pseudosaucesian	
3082	Pseudosaucesian	
3083	Pseudosaucesian	
3084	Pseudosaucesian	
3085	Pseudosaucesian	
3086	Pseudosaucesian	
3087	Pseudosaucesian	
3088	Saucesian/Reliziar	
3089	Pseudosaucesian	
3090	Pseudosaucesian	
3091	Pseudo or L Mioc	
3092	Pseudo or L Mioc	
3093	Pseudo or L Mioc	
3094	Pseudo or L Mioc	
3095	Pseudo or L Mioc	
3096	Pseudo or L Mioc	
3097	Pseudo or L Mioc	
3098	Pseudo or L Mioc	
3099	Lower Pliocene	
3100	Saucesian/Pseudc	
3101	Miocene/Pliocene	
3102	Lower Pliocene	
3103	Paleocene/Eocene	
3104	Paleocene/Eocene	
3105	no paleo info	
3106	no paleo info	
3107	Upper Miocene	
3108	Upper Miocene	
3109	Upper? Miocene	
3110	Upper Miocene	
3111	?Lower Mohnian	
3112	no paleo info	
3113	no paleo info	
3114	no paleo info	
3115	no paleo info	
3116	no paleo info	
3117	no paleo info	
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3119	no paleo info	
3120	no paleo info	
3121	no paleo info	
3122	no paleo info	
3123	Eocene	
3124	no paleo info	
3125	no paleo info	
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3141	no paleo info	
3142	no paleo info	
3143	no paleo info	
3144	no paleo info	
3145	no paleo info	
3146	no paleo info	

	I	M
1	ONE/SERIES/AGF	
3147	L Saucesian	
3148	no paleo info	
3149	no paleo info	
3150	no paleo info	
3151	no paleo info	
3152	no paleo info	
3153	no paleo info	
3154	no paleo info	
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3171	no paleo info	
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3213	no paleo info	
3214	no paleo info	
3215	no paleo info	
3216	no paleo info	
3217	no paleo info	
3218	no paleo info	
3219	Saucesian	
3220	Saucesian	
3221	Saucesian	
3222	Saucesian	
3223	Saucesian	
3224	Saucesian	
3225	Saucesian	
3226	Saucesian	
3227	Saucesian	
3228	Saucesian	
3229	Saucesian	
3230	Saucesian	
3231	Saucesian	

	I	M
1	ONE/SERIES/AGF	
3232	Saucesian	
3233	Zemorrian	
3234	Zemorrian	
3235	Zemorrian	
3236	Zemorrian	
3237	Zemorrian	
3238	Zemorrian	
3239	Zemorrian	
3240	Zemorrian	
3241	Zemorrian	
3242	Zemorrian	
3243	Zemorrian	
3244	Zemorrian	
3245	Zemorrian	
3246	Zemorrian	
3247	Zemorrian	
3248	Zemorrian	
3249	Zemorrian	
3250	Zemorrian	
3251	Zemorrian	
3252	Zemorrian	
3253	cores and of	
3254	ording to the strat	
3255	ndicates that these	
3256	blizian and S	
3257	ditto	
3258	ditto	
3259	ditto	
3260	ditto	
3261	ditto	
3262	ditto	
3263	ditto	
3264	ditto	
3265	ditto	
3266	ditto	
3267	ditto	
3268	ditto	
3269	ditto	
3270	ditto	
3271	ditto	
3272	ditto	
3273	ditto	
3274	ditto	
3275	ditto	
3276	ditto	
3277	ditto	
3278	ditto	
3279	ditto	
3280	ditto	
3281	ditto	
3282	ditto	
3283	ditto	
3284	ditto	
3285	ditto	
3286	ditto	
3287	ditto	
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3289	ditto	
3290	ditto	
3291	ditto	
3292	ditto	
3293	ditto	
3294	ditto	
3295	ditto	
3296	ditto	
3297	ditto	
3298	ditto	
3299	ditto	
3300	ditto	
3301	ditto	
3302	ditto	
3303	ditto	
3304	ditto	
3305	ditto	
3306	ditto	
3307	ditto	
3308	ditto	
3309	ditto	
3310	ditto	
3311	ditto	
3312	ditto	
3313	not diagnostic	
3314	not diagnostic	
3315	not diagnostic	
3316	not diagnostic	

	I	M
1	ONE/SERIES/AGE	
3317	not diagnostic	
3318	not diagnostic	
3319	Saucesian	
3320	Saucesian	
3321	Saucesian	
3322	Saucesian	
3323	Saucesian	
3324	Saucesian	
3325	Saucesian	
3326	Saucesian	
3327	Saucesian	
3328	Saucesian	
3329	Saucesian	
3330	Saucesian	
3331	Saucesian	
3332	Zemorrian	
3333	Zemorrian	
3334	Zemorrian	
3335	Zemorrian	
3336	Zemorrian	
3337	Zemorrian	
3338	Zemorrian	
3339	Zemorrian	
3340	Zemorrian	
3341	Zemorrian	
3342	Zemorrian	
3343	Zem/Saucesian	
3344	Zem/Saucesian	
3345	Zem/Saucesian	
3346	Zem/Saucesian	
3347	Zem/Saucesian	
3348	Zem/Saucesian	
3349	Zem/Saucesian	
3350	Zem/Saucesian	
3351	Zem/Saucesian	
3352	Zem/Saucesian	
3353	Zem/Saucesian	
3354	Zem/Saucesian	
3355	Zem/Saucesian	
3356	Zem/Saucesian	
3357	Zem/Saucesian	
3358	Zem/Saucesian	
3359	Zem/Saucesian	
3360	Zem/Saucesian	
3361	Zem/Saucesian	
3362	Zem/Saucesian	
3363	Zem/Saucesian	
3364	Zem/Saucesian	
3365	Zem/Saucesian	
3366	Zem/Saucesian	
3367	Zem/Saucesian	
3368	Zem/Saucesian	
3369	Zem/Saucesian	
3370	Zem/Saucesian	
3371	Zem/Saucesian	
3372	Zem/Saucesian	
3373	Zem/Saucesian	
3374	Zem/Saucesian	
3375	Zem/Saucesian	
3376	Zem/Saucesian	
3377	no age info	
3378	no age info	
3379	no age info	
3380	no age info	
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3393	no age info	
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3396	no age info	
3397	no age info	
3398	no age info	
3399	no age info	
3400	no age info	
3401	no age info	

	I	M
1	ONE/SERIES/AGF	
3402	no age info	
3403	no age info	
3404	no age info	
3405	no age info	
3406	no age info	
3407	no age info	
3408	no age info	
3409	no age info	
3410	no age info	
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3412	no age info	
3413	no age info	
3414	no age info	
3415	no age info	
3416	no age info	
3417	no age info	
3418	no age info	
3419	Zemorrian	
3420	Zemorrian	
3421	Zemorrian	
3422	Saucesian	
3423	Saucesian	
3424	Saucesian	
3425	Saucesian	
3426	Saucesian	
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3443	Saucesian	
3444	Saucesian	
3445	Saucesian	
3446	Saucesian	
3447	Saucesian	
3448	Saucesian	
3449	Zemorrian	
3450	Zemorrian	
3451	Zemorrian	
3452	Zemorrian	
3453	Zemorrian	
3454	Zemorrian	
3455	Zemorrian	
3456	Saucesian	
3457	Saucesian	
3458	Saucesian	
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3461	Saucesian	
3462	Saucesian	
3463	Saucesian	
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3474	Saucesian	
3475	Saucesian	
3476	Saucesian	
3477	Saucesian	
3478	Saucesian	
3479	Saucesian	
3480	Saucesian	
3481	Saucesian	
3482	Saucesian	
3483	Saucesian	
3484	Saucesian	
3485	Saucesian	
3486	Saucesian	

	I	M
1	ONE/SERIES/AGI	
3487	Saucesian	
3488	Saucesian	
3489	Saucesian	
3490	Upper Relizian	
3491	Upper Relizian	
3492	Upper Relizian	
3493	Upper Relizian	
3494	Upper Relizian	
3495	Upper Relizian	
3496	Upper Relizian	
3497	no paleo info	
3498	no paleo info	
3499	no paleo info	
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3501	no paleo info	
3502	no paleo info	
3503	no paleo info	
3504	no paleo info	
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3512	no paleo info	
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3514	no paleo info	
3515	Relizian	
3516	Relizian	
3517	Relizian	
3518	Luisian	
3519	Luisian	
3520	Luisian	
3521	Luisian	
3522	Luisian	
3523	Luisian	
3524	Luisian	
3525	no paleo report	
3526	no paleo report	
3527	no paleo report	
3528	Zemorrian	
3529	Zemorrian	
3530	Zemorrian	
3531	Zemorrian	
3532	Zemorrian	
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3536	Zemorrian	
3537	Zemorrian	
3538	Zemorrian	
3539	Zemorrian	
3540	Zemorrian	
3541	Zemorrian	
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3543	Zemorrian	
3544	Zemorrian	
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3552	Zemorrian	
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3561	Zemorrian	
3562	Saucesian	
3563	Saucesian	
3564	Saucesian	
3565	Saucesian	
3566	Saucesian	
3567	Saucesian	
3568	Saucesian	
3569	Saucesian	
3570	Saucesian	
3571	Saucesian	

	I	M
1	ONE/SERIES/AGI	
3572	Saucesian	
3573	Saucesian	
3574	Saucesian	
3575	Saucesian	
3576	Saucesian	
3577	Saucesian	
3578	Saucesian	
3579	Saucesian	
3580	Saucesian	
3581	Saucesian	
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3602	Saucesian	
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3610	Saucesian	
3611	Saucesian	
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1	ONE/SERIES/AGF	
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3671	Miocene	
3672	Pliocene	
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3675	no paleo info	
3676	Miocene	
3677	Middle Miocene	
3678	Middle Miocene	
3679	Middle Miocene	
3680	Middle Miocene	
3681	Middle Miocene	
3682	Luisian	
3683	Luisian	
3684	Luisian	
3685	Luisian	
3686	Luisian	
3687	? Mohnian	
3688	? Mohnian	
3689	? Mohnian	
3690	? Mohnian	
3691	? Mohnian	
3692	not diagnostic	
3693	not diagnostic	
3694	not diagnostic	
3695	Lower Luisian	
3696	not diagnostic	
3697	not diagnostic	
3698	Relizian	
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3708	Zemorrian	
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1	ONE/SERIES/AGF	
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3743	Zemorrian	
3744	Zemorrian	
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3761	Zemorrian	
3762	Zemorrian	
3763	Zemorrian	
3764	Lower Zemorrian	
3765	Lower Zemorrian	
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3808	Lower Zemorrian	
3809	Lower Zemorrian	
3810	Lower Zemorrian	
3811	Lower Zemorrian	
3812	Lower Zemorrian	
3813	Lower Zemorrian	
3814	Lower Zemorrian	
3815	Upper Zemorrian	
3816	Upper Zemorrian	
3817	Upper Zemorrian	
3818	Zemorrian	
3819	Relizian/Luisian	
3820	Upper Cretaceous	
3821	Upper Cretaceous	
3822	Upper Cretaceous	
3823	not diagnostic	
3824	Lower Cretaceous	
3825	Refugian	
3826	Refugian	

	I	M
1	ONE/SERIES/AGF	
3827	Refugian	
3828	Refugian	
3829	Ref/Narizian	
3830	Narizian A-1	
3831	Narizian A-1	
3832	Narizian A-1	
3833	Narizian A-1	
3834	Narizian A-1	
3835	Narizian A-1	
3836	Narizian A-1	
3837	Narizian A-1	
3838	Narizian A-1	
3839	Narizian A-1	
3840	Narizian A-1	
3841	Refugian	
3842	Refugian	
3843	Refugian	
3844	Refugian	
3845	Ref/Narizian	
3846	no information	
3847	no information	
3848	barren	
3849	barren	
3850	not diagnostic	
3851	not diagnostic	
3852	not diagnostic	
3853	Zemorrian	
3854	Zemorrian	
3855	not diagnostic	
3856	not diagnostic	
3857	not diagnostic	
3858	not diagnostic	
3859	not diagnostic	
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3861	not diagnostic	
3862	not diagnostic	
3863	not diagnostic	
3864	not diagnostic	
3865	not diagnostic	
3866	not diagnostic	
3867	not diagnostic	
3868	not diagnostic	
3869	Zemorrian	
3870	not diagnostic	
3871	not diagnostic	
3872	not diagnostic	
3873	Eocene B1-A zone	
3874	Eocene B1-A zone	
3875	Eocene B1-A zone	
3876	Eocene B1-A zone	
3877	not diagnostic	
3878	not diagnostic	
3879	U Eocene A zone	
3880	not diagnostic	
3881	not diagnostic	
3882	prob Eocene	
3883	U Eocene A zone	
3884	not diagnostic	
3885	Lower Miocene	
3886	not diagnostic	
3887	Zemorrian	
3888	Zemorrian	
3889	prob L Zemorrian	
3890	barren	
3891	not diagnostic	
3892	not diagnostic	
3893	not diagnostic	
3894	not diagnostic	
3895	Eocene A-1 zone	
3896	Lower Miocene	
3897	not diagnostic	
3898	barren	
3899	not diagnostic	
3900	prob L Miocene	
3901	Zemorrian	
3902	Lower Miocene	
3903	not diagnostic	
3904	Zemorrian	
3905	Zemorrian	
3906	Zemorrian	
3907	Zemorrian	
3908	Zemorrian	
3909	Zemorrian	
3910	Zemorrian	
3911	Zemorrian	

	I	M
1	ONE/SERIES/AG	
3912	Zemorrian	
3913	Zemorrian	
3914	Zemorrian	
3915	Zemorrian	
3916	Zemorrian	
3917	Zemorrian	
3918	Lower Zemorrian	
3919	Refugian/Zem	
3920	Zemorrian	
3921	Lower Miocene	
3922	Zemorrian	
3923	no paleo info	
3924	barren or not diag.	
3925	barren or not diag.	
3926	barren or not diag.	
3927	barren or not diag.	
3928	barren or not diag.	
3929	barren or not diag.	
3930	Eocene	
3931	barren or not diag.	
3932	barren or not diag.	
3933	barren or not diag.	
3934	M Eocene A-2 zon	
3935	rads only	
3936	rads only	
3937	rads only	
3938	Upper Cretaceous	
3939	not diagnostic	
3940	?Cretaceous	
3941	not diagnostic	
3942	not diagnostic	
3943	M Eocene A-2/C	
3944	M Eocene A-2/C	
3945	M Eocene A-2/C	
3946	M Eocene A-2/C	
3947	not diagnostic	
3948	Refugian	
3949	Refugian	
3950	Refugian	
3951	Refugian	
3952	Refugian	
3953	Refugian	
3954	Refugian	
3955	Refugian	
3956	Refugian	
3957	Eocene A zone	
3958	Eocene A zone	
3959	Eocene A zone	
3960	Refugian	
3961	Refugian	
3962	prob Refugian	
3963	Eocene A zone	
3964	Eocene A zone	
3965	Eocene A zone	
3966	Eocene A zone	
3967	Refugian	
3968	Eocene A zone	
3969	Eocene A zone	
3970	Eocene A zone	
3971	Eocene A zone	
3972	Eocene A zone	
3973	Eocene	
3974	Upper Eocene	
3975	Upper Eocene	
3976	Upper Eocene	
3977	not diagnostic	
3978	not diagnostic	
3979	U Cret G-2 zone	
3980	U Cret G-2 zone	
3981	U Cret G-2 zone	
3982	U Cret G-2 zone	
3983	U Cret G-2 zone	
3984	U Cret G-2 zone	
3985	U Cret G-2 zone	
3986	U Cret G-2 zone	
3987	U Cret G-2 zone	
3988	U Cret G-2 zone	
3989	Upper Cret H zone	
3990	Upper Cret H zone	
3991	Upper Cret H zone	
3992	Upper Cret H zone	
3993	Upper Cret H zone	
3994	Upper Cret H zone	
3995	Upper Cret H zone	
3996	Upper Cret H zone	

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1	ONE/SERIES/AGF	
3997	Upper Cret H zone	
3998	Upper Cret H zone	
3999	Upper Cret H zone	
4000	Upper Cret H zone	
4001	Upper Cret H zone	
4002	Upper Cret H zone	
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4005	Upper Cret H zone	
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4008	Upper Cret H zone	
4009	Upper Cret H zone	
4010	Upper Cret H zone	
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4018	Upper Cret H zone	
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4021	Upper Cret H zone	
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4023	Upper Cret H zone	
4024	Upper Cret H zone	
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4028	Upper Cret I zone	
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4033	Upper Cret I zone	
4034	Upper Cret I zone	
4035	Upper Cret I zone	
4036	Upper Cret I zone	
4037	Upper Cret I zone	
4038	Upper Cret I zone	
4039	U Cret J-1 zone	
4040	U Cret J-1 zone	
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4056	U Cret J-1 zone	
4057	U Cret J-1 zone	
4058	U Cret J-1 zone	
4059	L Cret J-1 zone	
4060	L Cret J-1 zone	
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4062	L Cret J-1 zone	
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4066	L Cret J-1 zone	
4067	L Cret J-1 zone	
4068	L Cret J-1 zone	
4069	L Cret J-1 zone	
4070	Lower Cretaceous	
4071	Lower Cretaceous	
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4079	Lower Cretaceous	
4080	Lower Cretaceous	
4081	Lower Cretaceous	

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1	ONE/SERIES/AGF	
4082	Lower Cretaceous	
4083	Lower Cretaceous	
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4124	no paleo report	
4125	Saucesian	
4126	Saucesian	
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4128	Saucesian	
4129	no paleo report	
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4131	not diagnostic	
4132	M Miocene	
4133	M Miocene	
4134	not diagnostic	
4135	not diagnostic	
4136	not diagnostic	
4137	Saucesian	
4138	barren	
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4144	barren	
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4146	M Miocene	
4147	M Miocene	
4148	M Miocene	
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4150	M Miocene	
4151	Saucesian	
4152	Saucesian	
4153	Saucesian	
4154	Luisian	
4155	M Miocene	
4156	M Miocene	
4157	M Miocene	
4158	M Miocene	
4159	Saucesian	
4160	Saucesian	
4161	M Miocene	
4162	Luisian	
4163	M Miocene	
4164	M Miocene	
4165	Luisian	
4166	not diagnostic	

	I	M
1	ONE/SERIES/AGI	
4167	Luisian	
4168	Luisian	
4169	not diagnostic	
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4171	no paleo info	
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4190	Middle Miocene	
4191	Saucesian	
4192	Saucesian	
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4194	Zemorrian	
4195	no paleo info	
4196	Zemorrian	
4197	barren	
4198	Lower Miocene	
4199	Cretaceous?	
4200	Relizian	
4201	not diagnostic	
4202	poss Mohnian	
4203	poss Zemorrian	
4204	poss Zemorrian	
4205	Lower Zemorrian	
4206	Lower Zemorrian	
4207	Lower Zemorrian	
4208	not diagnostic	
4209	Upper? Zemorrian	
4210	?Pliocene	
4211	poss L. Miocene	
4212	Lower Miocene	
4213	Lower Mohnian	
4214	poss Mohnian	
4215	no age provided	
4216	no age provided	
4217	Pliocene	
4218	Pliocene?	
4219	Pliocene?	
4220	no paleo info	
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1	ONE/SERIES/AGI	
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1	ZONE/SERIES/AGI	
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4357	no paleo info	
4358	no paleo info	
4359	poss Paleocene	
4360	U Cret D-2 zone	
4361	Jur M Zone	
4362	?Jur M zone	
4363	no paleo info	
4364	L Cret L zone	
4365	Paleocene D zone	
4366	Paleocene D zone	
4367	Paleocene D zone	
4368	Eocene	
4369	Eocene	
4370	Eocene	
4371	Eocene	
4372	Eocene	
4373	Eocene	
4374	Eocene	
4375	Eocene	
4376	Eocene	
4377	Eocene	
4378	Eocene	
4379	Upper Cretaceous	
4380	Paleocene E zone	
4381	Paleocene E zone	
4382	? Paleocene E zone	
4383	Paleocene E zone	
4384	L Eocene C/D zone	
4385	L Eocene C/D zone	
4386	L Eocene C/D zone	
4387	L Eocene C/D zone	
4388	L Eocene C zone	
4389	L Eocene C zone	
4390	L Eocene C zone	
4391	L Eocene C zone	
4392	L Eocene C/D zone	
4393	L Eocene C/D zone	
4394	L Eocene C/D zone	
4395	L Eocene C/D zone	
4396	L Eocene C/D zone	
4397	L Eocene C/D zone	
4398	L Eocene C zone	
4399	L Eocene B/C zone	
4400	L Eocene B-4 zone	
4401	Eocene?	
4402	Eocene?	
4403	barren	
4404	no paleo info	
4405	no paleo info	
4406	no paleo info	
4407	no paleo info	
4408	no paleo info	
4409	no paleo info	
4410	no paleo info	
4411	no paleo info	
4412	no paleo info	
4413	no paleo info	
4414	no paleo info	
4415	no paleo info	
4416	no paleo info	
4417	no paleo info	
4418	no paleo info	
4419	no paleo info	
4420	no paleo info	
4421	no paleo info	

	I	M
1	ONE/SERIES/AGT	
4422	no paleo info	
4423	no paleo info	
4424	no paleo info	
4425	no paleo info	
4426	no paleo info	
4427	no paleo info	
4428	no paleo info	
4429	no paleo info	
4430	no paleo info	
4431	no paleo info	
4432	no paleo info	
4433	no paleo info	
4434	no paleo info	
4435	no paleo info	
4436	no paleo info	
4437	no paleo info	
4438	no paleo info	
4439	no paleo info	
4440	no paleo info	
4441	no paleo info	
4442	no paleo info	
4443	no paleo info	
4444	no paleo info	
4445	no paleo info	
4446	no paleo info	
4447	no paleo info	
4448	no paleo info	
4449	no paleo info	
4450	no paleo info	
4451	no paleo info	
4452	no paleo info	
4453	no paleo info	
4454	no paleo info	
4455	no paleo info	
4456	no paleo info	
4457	no paleo info	
4458	no paleo info	
4459	no paleo info	
4460	no paleo info	
4461	no paleo info	
4462	no paleo info	
4463	no paleo info	
4464	Eocene	
4465	Eocene	
4466	Eocene	
4467	Eocene	
4468	Eocene	
4469	Eocene	
4470	Eocene	
4471	Eocene	
4472	Eocene	
4473	Eocene	
4474	Eocene	
4475	not diagnostic	
4476	not diagnostic	
4477	Eocene	
4478	Eocene	
4479	Eocene	
4480	Eocene	
4481	Eocene	
4482	Eocene	
4483	U Cret F-1 zone	
4484	barren	
4485	Eocene	
4486	no paleo info	
4487	Eocene	
4488	barren	
4489	barren	
4490	not diagnostic	
4491	not diagnostic	
4492	not diagnostic	
4493	Eocene	
4494	Eocene	
4495	Eocene	
4496	Eocene	
4497	Eocene	
4498	Eocene	
4499	Eocene	
4500	Eocene	
4501	Eocene	
4502	Eocene	
4503	Eocene	
4504	Eocene	
4505	Eocene	
4506	Eocene	

	I	M
1	ZONE/SERIES/AGI	
4507	Eocene	
4508	Eocene	
4509	Eocene	
4510	Eocene	
4511	Eocene	
4512	Eocene	
4513	Eocene	
4514	Eocene	
4515	Eocene	
4516	Eocene	
4517	Eocene	
4518	Eocene	
4519	Eocene	
4520	Eocene	
4521	Eocene	
4522	Eocene	
4523	Eocene	
4524	Eocene	
4525	Eocene	
4526	Eocene	
4527	Eocene	
4528	Eocene	
4529	Eocene	
4530	Eocene	
4531	Eocene	
4532	Eocene	
4533	Eocene	
4534	Eocene	
4535	Eocene	
4536	Eocene	
4537	Eocene	
4538	Eocene	
4539	Eocene	
4540	Eocene	
4541	Eocene	
4542	Eocene	
4543	Eocene	
4544	Eocene	
4545	Eocene	
4546	Eocene	
4547	Eocene	
4548	Eocene	
4549	Eocene	
4550	Eocene	
4551	Eocene	
4552	Eocene	
4553	Eocene	
4554	Eocene	
4555	Eocene	
4556	Eocene	
4557	Eocene	
4558	Eocene	
4559	Eocene	
4560	barren	
4561	Eocene	
4562	not diagnostic	
4563	no paleo info	
4564	not diagnostic	
4565	not diagnostic	
4566	Zemurian	
4567	no paleo info	
4568	no paleo info	
4569	Eocene	
4570	Eocene	
4571	no paleo info	
4572	no paleo info	
4573	Lower Cretaceous	
4574	Lower Cretaceous	
4575	Lower Cretaceous	
4576	Lower Cretaceous	
4577	Lower Cretaceous	
4578	Tertiary	
4579	not diagnostic	
4580	no paleo info	
4581	Lower Cretaceous	
4582	Lower Cretaceous	
4583	Lower Cretaceous	
4584	not diagnostic	
4585	not diagnostic	
4586	Cretaceous	
4587	L Cret J-1 zone	
4588	Cretaceous	
4589	L Cret J-1 zone	
4590	U Cret H or older	
4591	U Cret H or older	

	I	M
1	ONE/SERIES/AGF	
4592	Eocene B-1 zone	
4593	Paleocene D zone	
4594	Eocene B-1 zone	
4595	Lower Cretaceous	
4596	Paleocene D zone	
4597	no paleo info	
4598	no paleo info	
4599	no paleo info	
4600	no paleo info	
4601	no paleo info	
4602	no paleo info	
4603	no paleo info	
4604	no paleo info	
4605	no paleo info	
4606	no paleo info	
4607	no paleo info	
4608	U Cret F-2 zone	
4609	barren	
4610	U Cret F-2 zone	
4611	U Cret F-2 zone	
4612	U Cret F-2 zone	
4613	?U Cret F-2 zone	
4614	?U Cret F-2 zone	
4615	not diagnostic	
4616	not diagnostic	
4617	not diagnostic	
4618	not diagnostic	
4619	not diagnostic	
4620	not diagnostic	
4621	not diagnostic	
4622	not diagnostic	
4623	not diagnostic	
4624	not diagnostic	
4625	not diagnostic	
4626	not diagnostic	
4627	U Cret G-1 zone	
4628	U Cret G-1 zone	
4629	U Cret G-1 zone	
4630	U Cret G-1 zone	
4631	U Cret G-1 zone	
4632	U Cret G-1 zone	
4633	U Cret G-1 zone	
4634	U Cret G-1 zone	
4635	U Cret G-1 zone	
4636	U Cret G-1 zone	
4637	U Cret G-1 zone	
4638	U Cret G-1 zone	
4639	U Cret G-1 zone	
4640	U Cret G-1 zone	
4641	U Cret G-1 zone	
4642	U Cret G-1 zone	
4643	U Cret G-1 zone	
4644	U Cret G-1 zone	
4645	U Cret G-1 zone	
4646	U Cret G-1 zone	
4647	U Cret G-1 zone	
4648	U Cret G-1 zone	
4649	U Cret F-1/G-1	
4650	U Cret F-1/G-1	
4651	not diagnostic	
4652	U Cret F-1/G-1	
4653	U Cret F-1/G-1	
4654	U Cret F-1/G-1	
4655	U Cret F-1/G-1	
4656	U Cret F-1/G-1	
4657	not diagnostic	
4658	U Cret F-1/G-1	
4659	U Cret F-1/G-1	
4660	U Cret F-1/G-1	
4661	U Cret F-1/G-1	
4662	U Cret F-1/G-1	
4663	U Cret F-1/G-1	
4664	U Cret F-1/G-1	
4665	no paleo info	
4666	no paleo info	
4667	Upper Cretaceous	
4668	U Cret G-1 zone	
4669	U Cret G-1 zone	
4670	U Cret G-1 zone	
4671	no paleo info	
4672	U Cret G-1 zone	
4673	U Cret G-1 zone	
4674	U Cret G-1 zone	
4675	Upper Cretaceous	
4676	not diagnostic	

	I	M
1	ONE/SERIES/AGT	
4677	no paleo info	
4678	barren	
4679	not diagnostic	
4680	U Cret G-1 zone	
4681	U Cret G-1 zone	
4682	U Cret G-1 zone	
4683	U Cret G-1 zone	
4684	U Cret G-1 zone	
4685	Upper Cretaceous	
4686	not diagnostic	
4687	not diagnostic	
4688	not diagnostic	
4689	U Cret G-1 zone	
4690	not diagnostic	
4691	U Cret G-1 zone	
4692	U Cret G-1 zone	
4693	Upper Cretaceous	
4694	Upper Cretaceous	
4695	U Cret G-1 zone	
4696	Upper Cretaceous	
4697	U Cret G-1 zone	
4698	U Cret G-1 zone	
4699	U Cret G-1 zone	
4700	U Cret G-1 zone	
4701	U Cret G-1 zone	
4702	not diagnostic	
4703	not diagnostic	
4704	not diagnostic	
4705	U Cret G-1 zone	
4706	U Cret G-1 zone	
4707	U Cret G-1 zone	
4708	U Cret G-1 zone	
4709	U Cret G-1 zone	
4710	not diagnostic	
4711	U Cret G-1 zone	
4712	U Cret G-1 zone	
4713	U Cret G-1 zone	
4714	U Cret G-1 zone	
4715	U Cret G-1 zone	
4716	U Cret G-1 zone	
4717	U Cret G-1 zone	
4718	U Cret G-1 zone	
4719	U Cret G-1 zone	
4720	U Cret G-1 zone	
4721	U Cret G-1 zone	
4722	U Cret G-1 zone	
4723	U Cret G-1 zone	
4724	Paleocene	
4725	Paleocene	
4726	Paleocene	
4727	Paleocene	
4728	Paleocene	
4729	Paleocene	
4730	Paleocene	
4731	Paleocene	
4732	Paleocene	
4733	Paleocene	
4734	Paleocene	
4735	Paleocene	
4736	Paleocene	
4737	Paleocene	
4738	Paleocene	
4739	Paleocene	
4740	Paleocene	
4741	Paleocene	
4742	Paleocene	
4743	Paleocene	
4744	Paleocene	
4745	Paleocene	
4746	Paleocene	
4747	Paleocene	
4748	Paleocene	
4749	Paleocene	
4750	Paleocene	
4751	Paleocene	
4752	Paleocene	
4753	Paleocene	
4754	Paleocene	
4755	Paleocene	
4756	Paleocene	
4757	Paleocene	
4758	Paleocene	
4759	Paleocene	
4760	Paleocene	
4761	Paleocene	

	I	M
1	ONE/SERIES/AGF	
4762	Paleocene	
4763	Paleocene	
4764	Paleocene	
4765	Paleocene	
4766	Paleocene	
4767	Paleocene	
4768	Paleocene	
4769	Paleocene	
4770	Paleocene	
4771	Paleocene	
4772	Paleocene	
4773	Paleocene	
4774	Paleocene	
4775	Paleocene	
4776	Paleocene	
4777	Paleocene	
4778	Paleocene	
4779	Paleocene	
4780	Eocene	
4781	Eocene	
4782	Eocene	
4783	Eocene	
4784	Eocene	
4785	Eocene	
4786	Eocene	
4787	Eocene	
4788	Eocene	
4789	Eocene	
4790	Eocene	
4791	Eocene	
4792	Eocene	
4793	Eocene	
4794	Eocene	
4795	Eocene	
4796	Eocene	
4797	Eocene	
4798	Eocene	
4799	Eocene	
4800	Eocene	
4801	Eocene	
4802	Eocene	
4803	Paleocene E zone	
4804	Paleocene E Zone	
4805	Paleocene E zone	
4806	Paleocene E zone	
4807	prob L Miocene	
4808	prob L Miocene	
4809	U Cret/Paleocene	
4810	U Cret/Paleocene	
4811	U Cret/Paleocene	
4812	Paleocene	
4813	not diagnostic	
4814	Eocene	
4815	Zemorrian	
4816	Zemorrian	
4817	Saucesian	
4818	Upper Cretaceous	
4819	U Cret/Paleocene	
4820	U Cretaceous	
4821	not diagnostic	
4822	not diagnostic	
4823	Miocene/Pliocene	
4824	U Cret/Paleocene	
4825	U Cret/Paleocene	
4826	U Cret/Paleocene	
4827	U Cret/Paleocene	
4828	Eocene	
4829	not diagnostic	
4830	Middle Miocene	
4831	Cret/Paleocene	
4832	prob U Cretaceous	
4833	Zemorrian	
4834	Lower Relizian	
4835	L or M Miocene	
4836	Eocene	
4837	Cret/Paleoc	
4838	Luisian	
4839	Cret/Paleocene	
4840	Middle Miocene	
4841	Nariz/Zemorrian	
4842	Refug/Zemorrian	
4843	Nariz/Zemorrian	
4844	prob Luisian	
4845	Cret/Paleocene	
4846	Nariz/Zemorrian	

	I	M
1	ONE/SERIES/AGT	
4847	Luisian	
4848	Cret/Paleocene	
4849	Cret/Paleocene	
4850	Luisian	
4851	not diagnostic	
4852	Refug/Zemorian	
4853	no paleo info	
4854	Middle Miocene	
4855	Luisian	
4856	poss M Miocene	
4857	Upper Miocene	
4858	Upper Miocene	
4859	Lower Mohnian	
4860	Lower Mohnian	
4861	Lower Mohnian	
4862	Luisian	
4863	Luisian	
4864	Luisian	
4865	Cret/Paleocene	
4866	Upper Cretaceous	
4867	Cret/Paleocene	
4868	Cret/Paleocene	
4869	Cret/Paleocene	
4870	Upper Eocene	
4871	not diagnostic	
4872	prob Eocene	
4873	prob Eocene	
4874	Luisian	
4875	U Cret D zone	
4876	not diagnostic	
4877	not diagnostic	
4878	not diagnostic	
4879	not diagnostic	
4880	Upper Cretaceous	
4881	Upper Cretaceous	
4882	barren	
4883	barren	
4884	Upper Cretaceous	
4885	Upper Cretaceous	
4886	Cret/Paleocene	
4887	no paleo info	
4888	no paleo info	
4889	U Cret H zone	
4890	U Cret H zone	
4891	U Cret H zone	
4892	U Cret H zone	
4893	U Cret G-2 zone	
4894	U Cret H zone	
4895	U Cret H zone	
4896	U Cret H zone	
4897	no paleo info	
4898	no paleo info	
4899	no paleo info	
4900	no paleo info	
4901	no paleo info	
4902	no paleo info	
4903	no paleo info	
4904	no paleo info	
4905	no paleo info	
4906	no paleo info	
4907	no paleo info	
4908	no paleo info	
4909	no paleo info	
4910	no paleo info	
4911	no paleo info	
4912	no paleo info	
4913	Cretaceous	
4914	Cretaceous	
4915	Cretaceous	
4916	Cretaceous	
4917	Cretaceous	
4918	no paleo info	
4919	no paleo info	
4920	no paleo info	
4921	no paleo info	
4922	no paleo info	
4923	no paleo info	
4924	no paleo info	
4925	no paleo info	
4926	no paleo info	
4927	no paleo info	
4928	no paleo info	
4929	not diagnostic	
4930	not diagnostic	
4931	Eocene	

	I	M
1	ONE/SERIES/AGE	
4932	Eocene	
4933	Eocene	
4934	Eocene	
4935	Eocene	
4936	Eocene	
4937	Eocene	
4938	Eocene	
4939	Eocene	
4940	Eocene	
4941	Eocene	
4942	Eocene	
4943	Eocene	
4944	Eocene	
4945	Eocene	
4946	Eocene	
4947	Eocene	
4948	Eocene	
4949	Eocene	
4950	Eocene	
4951	Eocene	
4952	Eocene	
4953	Eocene	
4954	Eocene	
4955	Eocene	
4956	Eocene	
4957	Eocene	
4958	Eocene	
4959	Eocene	
4960	Eocene	
4961	Eocene	
4962	Eocene	
4963	Eocene	
4964	Eocene	
4965	Eocene	
4966	Eocene	
4967	Eocene	
4968	Eocene	
4969	Eocene	
4970	Eocene	
4971	Eocene	
4972	Eocene	
4973	Eocene	
4974	Eocene	
4975	Eocene	
4976	Eocene	
4977	Eocene	
4978	no paleo info	
4979	Zemorrian	
4980	Zemorrian	
4981	Mohnian	
4982	Mohnian	
4983	Mohnian	
4984	Mohnian	
4985	Mohnian	
4986	U Miocene	
4987	U Miocene	
4988	Luisian	
4989	Luisian	
4990	Luisian	
4991	Luisian	
4992	Luisian	
4993	Luisian	
4994	Luisian	
4995	Luisian	
4996	Luisian	
4997	Luisian	
4998	Luisian	
4999	Luisian	
5000	Luisian	
5001	Luisian	
5002	not diagnostic	
5003	Mohnian	
5004	Upper Miocene	
5005	Upper Miocene	
5006	Upper Miocene	
5007	Upper Miocene	
5008	Upper Miocene	
5009	Middle Miocene	
5010	Upper Miocene	
5011	Upper Miocene	
5012	Luisian	
5013	Luisian	
5014	not diagnostic	
5015	Mohnian	
5016	Prob Saucesian	

	I	M
1	ONE/SERIES/AGT	
5017	Prob Saucesian	
5018	Luisian/Relizian	
5019	Luisian	
5020	no paleo info	
5021	no paleo info	
5022	no paleo info	
5023	no paleo info	
5024	Saucesian	
5025	not diagnostic	
5026	Middle Miocene	
5027	Middle Miocene	
5028	Middle Miocene	
5029	Relizian	
5030	Relizian	
5031	not diagnostic	
5032	Saucesian	
5033	Saucesian	
5034	Saucesian	
5035	Saucesian	
5036	Saucesian	
5037	Saucesian	
5038	not diagnostic	
5039	prob Relizian	
5040	prob Relizian	
5041	Luisian	
5042	Relizian	
5043	Upper Mohnian	
5044	Upper Mohnian	
5045	Upper Mohnian	
5046	Upper Mohnian	
5047	Upper Mohnian	
5048	Upper Mohnian	
5049	Upper Mohnian	
5050	Upper Mohnian	
5051	Upper Mohnian	
5052	Upper Mohnian	
5053	Upper Mohnian	
5054	Upper Mohnian	
5055	Upper Mohnian	
5056	Upper Mohnian	
5057	Upper Mohnian	
5058	Upper Mohnian	
5059	Upper Mohnian	
5060	Upper Mohnian	
5061	Upper Mohnian	
5062	Upper Mohnian	
5063	Lower Mohnian	
5064	Lower Mohnian	
5065	Lower Mohnian	
5066	Lower Mohnian	
5067	Lower Mohnian	
5068	Lower Mohnian	
5069	Lower Mohnian	
5070	Lower Mohnian	
5071	Upper Mohnian	
5072	Upper Mohnian	
5073	Upper Mohnian	
5074	Upper Mohnian	
5075	Upper Mohnian	
5076	Upper Mohnian	
5077	Upper Mohnian	
5078	Upper Mohnian	
5079	Upper Mohnian	
5080	Upper Mohnian	
5081	not diagnostic	
5082	not diagnostic	
5083	not diagnostic	
5084	not diagnostic	
5085	not diagnostic	
5086	not diagnostic	
5087	not diagnostic	
5088	not diagnostic	
5089	not diagnostic	
5090	not diagnostic	
5091	not diagnostic	
5092	not diagnostic	
5093	U Cret F-1 zone	
5094	no paleo info	
5095	no paleo info	
5096	no paleo info	
5097	no paleo info	
5098	no paleo info	
5099	no paleo info	
5100	no paleo info	
5101	no paleo info	

	I	M
1	ONE/SERIES/AGT	
5102	no paleo info	
5103	no paleo info	
5104	no paleo info	
5105	no paleo info	
5106	Pliocene	
5107	Pliocene?	
5108	Pliocene?	
5109	Plio/Pleistocene	
5110	Plio/Pleistocene	
5111	Plio/Pleistocene	
5112	barren	
5113	barren	
5114	Upper Cretaceous	
5115	Upper Cretaceous	
5116	Upper Cretaceous	
5117	no paleo info	
5118	Cretaceous	
5119	Cretaceous	
5120	Cretaceous	
5121	Cretaceous	
5122	Cretaceous	
5123	Cretaceous	
5124	Cretaceous	
5125	Cretaceous	
5126	Cretaceous	
5127	Cretaceous	
5128	Cretaceous	
5129	Cretaceous	
5130	Cretaceous	
5131	Upper Cretaceous	
5132	Upper Cretaceous	
5133	no paleo info	
5134	no paleo info	
5135	no paleo info	
5136	no paleo info	
5137	not diagnostic	
5138	Miocene	
5139	Lower Miocene	
5140	U Cret G-2 zone	
5141	U Cret G-2 zone	
5142	U Cret H zone	
5143	U Cret H zone	
5144	U Cret H zone	
5145	U Cret H zone	
5146	U Cret G-2 zone	
5147	U Cret G-2 zone	
5148	U Cret G-2 zone	
5149	U Cret G-2 zone	
5150	U Cret G-2 zone	
5151	U Cret G-2 zone	
5152	U Cret G-2 zone	
5153	U Cret G-2 zone	
5154	U Cret G-2 zone	
5155	U Cret G-2 zone	
5156	U Cret G-2 zone	
5157	U Cret G-2 zone	
5158	U Cret G-2 zone	
5159	U Cret G-2 zone	
5160	U Cret G-2 zone	
5161	U Cret H zone	
5162	U Cret G-2 zone	
5163	U Cret G-2 zone	
5164	U Cret G-2 zone	
5165	Cretaceous	
5166	not diagnostic	
5167	not diagnostic	
5168	not diagnostic	
5169	not diagnostic	
5170	not diagnostic	
5171	not diagnostic	
5172	not diagnostic	
5173	not diagnostic	
5174	Paleocene D/E	
5175	not diagnostic	
5176	not diagnostic	
5177	not diagnostic	
5178	not diagnostic	
5179	not diagnostic	
5180	not diagnostic	
5181	not diagnostic	
5182	not diagnostic	
5183	no paleo info	
5184	Cretaceous	
5185	no paleo info	
5186	no paleo info	

	I	M
1	ONE/SERIES/AGI	
5187	no paleo info	
5188	no paleo info	
5189	no paleo info	
5190	no paleo info	
5191	no paleo info	
5192	no paleo info	
5193	no paleo info	
5194	no paleo info	
5195	no paleo info	
5196	no paleo info	
5197	no paleo info	
5198	no paleo info	
5199	no paleo info	
5200	no paleo info	
5201	no paleo info	
5202	no paleo info	
5203	no paleo info	
5204	no paleo info	
5205	no paleo info	
5206	no paleo info	
5207	no paleo info	
5208	no paleo info	
5209	no paleo info	
5210	no paleo info	
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5346	Luisian	
5347	Middle Miocene	
5348	Lower Miocene	
5349	Lower Miocene	
5350	no paleo info	
5351	Zemorrian	
5352	not diagnostic	
5353	prob Zemorrian	
5354	not diagnostic	
5355	Middle Miocene	
5356	not diagnostic	

	I	M
1	ONE/SERIES/AGF	
5357	not diagnostic	
5358	Luisian?	
5359	Middle Miocene	
5360	Middle Miocene	
5361	Lower Saucesian	
5362	Saucesian	
5363	Luisian	
5364	Relizian	
5365	Relizian	
5366	Lower Miocene	
5367	Zemorrian	
5368	barren or not diag.	
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5439	Miocene	
5440	not diagnostic	
5441	Eocene	

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1	ZONE/SERIES/AGI	
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5443	Eocene	
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5474	Cretaceous F zone	
5475	Eocene	
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5477	Eocene	
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5526	Eocene	

	I	M
1	ONE/SERIES/AGE	
5527	Eocene	
5528	Eocene	
5529	Eocene	
5530	Eocene	
5531	Eocene	
5532	Cretaceous	
5533	Cretaceous	
5534	Cretaceous	
5535	Eocene	
5536	Mixed Cret/Eocene	
5537	Mixed Cret/Eocene	
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5610	Eocene	
5611	Eocene	

	I	M
1	ONE/SERIES/AGI	
5612	Eocene	
5613	Eocene	
5614	Mixed Cret/Eocene	
5615	Mixed Cret/Eocene	
5616	Mixed Cret/Eocene	
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5639	Mixed Cret/Eocene	
5640	Mixed Cret/Eocene	
5641	Mixed Cret/Eocene	
5642	barren	
5643	Eocene?	
5644	barren	
5645	Upper Cretaceous	
5646	not diagnostic	
5647	U Cret F/G-1 zone	
5648	Cretaceous	
5649	Cretaceous	
5650	Cretaceous	
5651	Cretaceous	
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5668	Cretaceous	
5669	Eocene	
5670	Eocene	
5671	Eocene	
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5685	Eocene	
5686	Eocene	
5687	barren	
5688	Paleocene D zone	
5689	not diagnostic	
5690	Paleocene D zone	
5691	Paleocene D zone	
5692	not diagnostic	
5693	not diagnostic	
5694	no paleo info	
5695	Paleocene E zone	
5696	Miocene	

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1	ONE/SERIES/AGI	
5697	Paleocene?	
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5699	Paleocene?	
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5718	Paleocene?	
5719	M Eocene A-2 zon	
5720	M Eocene A-2 zon	
5721	M Eocene A-2 zon	
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5767	M Eocene A-2 zon	
5768	M Eocene A-2 zon	
5769	M Eocene A-2 zon	
5770	no paleo info	
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5774	Eocene	
5775	Eocene	
5776	U Cret G-1 zone	
5777	U Cret G-1 zone	
5778	U Cret G-1 zone	
5779	U Cret G-1 zone	
5780	no paleo info	
5781	Lower Cretaceous	

	I	M
1	ONE/SERIES/AGF	
5782	Eocene B-1 zpme	
5783	Cret/Paleocene	
5784	Eocene B-1 zone	
5785	Eocene B-1 zone	
5786	Eocene B-1 zone	
5787	Eocene/Paleocene	
5788	L Cret J zone	
5789	L Cret J-1 zone	
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5842	U Eoc A-2 zone	
5843	U Eoc A-2 zone	
5844	M Eoc B-1 zone	
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5853	L Eoc B-2/B-3	
5854	L Eoc B-2/B-3	
5855	L Eoc B-2/B-3	
5856	L Eoc B-2/B-3	
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5863	L Eoc B-2/B-3	
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5866	L Eoc B-2/B-3	

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1	ONE/SERIES/AGF	
5867	L Eoc B-2/B-3	
5868	L Eoc B-2/B-3	
5869	L Eoc B-2/B-3	
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5895	L Eoc B-2/B-3	
5896	L Eocene B-4	
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	I	M
1	ZONE/SERIES/AGI	
5952	L Eocene B-4	
5953	L Eocene B-4	
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	I	M
1	ZONE/SERIES/AGF	
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6046	Saucesian	
6047	no paleo info	
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6050	Lower Miocene	
6051	Saucesian	
6052	L or M Miocene	
6053	not diagnostic	
6054	Lower Miocene	
6055	not diagnostic	
6056	not diagnostic	
6057	L or M Miocene	
6058	not diagnostic	
6059	Saucesian	
6060	Middle Miocene	
6061	Middle Miocene	
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	I	M
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6134	Lower Cret J-2	
6135	no paleo info	
6136	no paleo info	
6137	no paleo info	
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6139	Eocene	
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6141	Eocene	
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6206	not diagnostic	

	I	M
1	ONE/SERIES/AGF	
6207	not diagnostic	
6208	not diagnostic	
6209	Lower Zemorrian	
6210	not diagnostic	
6211	not diagnostic	
6212	poss Zemorrian	
6213	poss Eocene	
6214	poss Eocene	
6215	poss Eocene	
6216	not diagnostic	
6217	not diagnostic	
6218	no paleo info	
6219	no paleo info	
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6225	not diagnostic	
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6227	not diagnostic	
6228	?Lower Relizian	
6229	Relizian	
6230	Saucesian	
6231	no paleo info	
6232	no paleo info	
6233	no paleo info	
6234	Eocene	
6235	Eocene	
6236	Eocene	
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6239	Eocene	
6240	Eocene	
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6244	Eocene	
6245	Eocene	
6246	Zemorrian	
6247	Zemorrian	
6248	Zemorrian	
6249	no paleo info	
6250	no paleo info	
6251	no paleo info	
6252	not diagnostic	
6253	Zemorrian	
6254	Lower Miocene	
6255	Lower Miocene	
6256	Lower Miocene	
6257	Upper Eocene	
6258	Upper Eocene	
6259	Upper Eocene	
6260	Upper Eocene	
6261	Upper Eocene	
6262	not diagnostic	
6263	not diagnostic	
6264	not diagnostic	
6265	not diagnostic	
6266	not diagnostic	
6267	no paleo info	
6268	Upper Eocene	
6269	Upper Eocene	
6270	Upper Eocene	
6271	Upper Eocene	
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6273	Upper Eocene	
6274	Upper Eocene	
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6277	Upper Eocene	
6278	Upper Eocene	
6279	Upper Eocene	
6280	Upper Eocene	
6281	Upper Eocene	
6282	Upper Eocene	
6283	Upper Eocene	
6284	Upper Eocene	
6285	Upper Eocene	
6286	Upper Eocene	
6287	mixed Plio, Eoc, M	
6288	mixed Plio, Eoc, M	
6289	Upper Eocene	
6290	Middle Miocene	
6291	Saucesian	

	I	M
1	ONE/SERIES/AGI	
6292	not diagnostic	
6293	not diagnostic	
6294	Pliocene?	
6295	Pliocene?	
6296	Pliocene?	
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	I	M
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	I	M
1	ONE/SERIES/AG	
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6671	Lower Mohnian	
6672	Lower Mohnian	
6673	Miocene	
6674	Miocene	
6675	Mohnian	
6676	Lower Mohnian	
6677	Lower Mohnian	
6678	L Cret K zone	
6679	not diagnostic	
6680	L Cret K zone	
6681	L Cret K zone	
6682	L Cret K zone	
6683	Jurassic M zone	
6684	not diagnostic	
6685	prob Jur M zone	
6686	not diagnostic	
6687	L Cret J-2 zone	
6688	L Cret J-2 zone	
6689	L Cret J-2 zone	
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6715	L Cret J-2 zone	
6716	L Cret J-2 zone	

	I	M
1	ONE/SERIES/AGF	
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6719	L Cret J-2 zone	
6720	L Cret J-2 zone	
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6736	L Cret J-2 zone	
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6738	L Cret J-2 zone	
6739	U Jurassic M zone	
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6795	Jur M zone	
6796	Jur M zone	
6797	Probably Jurassic	
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1	ONE/SERIES/AGF	
6802	Probably Jurassic	
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7179	Poss L Cret J -8	
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7189	Poss L Cret J -18	
7190	Poss L Cret J -19	
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7192	Poss L Cret J -21	
7193	Poss L Cret J -22	
7194	Poss L Cret J -23	
7195	Poss L Cret J -24	
7196	L Cret K zone	
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7300	poss L Cret L zone	
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7302	poss L Cret L zone	
7303	poss L Cret L zone	
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7566	Upper Miocene	

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7639	Saucesian	
7640	not diagnostic	
7641	L or M Miocene	
7642	not diagnostic	
7643	Upper Cretaceous	
7644	Upper Cretaceous	
7645	Upper Cretaceous	
7646	U Cret G-1 zone	
7647	Upper Cretaceous	
7648	U Cret E zone	
7649	Upper Eocene	
7650	not diagnostic	
7651	not diagnostic	

	I	M
1	ONE/SERIES/AGF	
7652	not diagnostic	
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7654	poss U Cret E zon	
7655	poss U Cret E zon	
7656	not diagnostic	
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7714	L or M Miocene	
7715	Lower Miocene	
7716	Lower Miocene	
7717	Lower Miocene	
7718	Lower Miocene	
7719	Zemorrian	
7720	Zemorrian	
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7736	Refugian	

	I	M
1	ONE/SERIES/AGI	
7737	Refugian	
7738	Refugian	
7739	Refugian	
7740	Refugian	
7741	not diagnostic	
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7786	Eocene	
7787	Eocene?	
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7790	Eocene?	
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7793	assemblage slide	
7794	Zemorrian	
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7821	Zemorrian	

	I	M
1	ONE/SERIES/AGI	
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7835	Lower Miocene	
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1	ZONE/SERIES/AGT	
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7908	no paleo info	
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7910	no paleo info	
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7912	U Cret F/G zones	
7913	U Cret G-1 zone	
7914	U Cret G-1 zone	
7915	U Cret G-1 zone	
7916	U Cret G-1 zone	
7917	U Cret G-1 zone	
7918	U Cret G-1 zone	
7919	U Cret G-1 zone	
7920	U Cret F-1 zone	
7921	not diagnostic	
7922	not diagnostic	
7923	U Cret G-1 zone	
7924	barren	
7925	U Cret F-1 or G-1	
7926	U Cret F-1 or G-1	
7927	not diagnostic	
7928	Upper Cretaceous	
7929	not diagnostic	
7930	U Cret F-1 zone	
7931	U Cret F-1 zone	
7932	U Cret F-1 zone	
7933	U Cret F-1 zone	
7934	not diagnostic	
7935	U Cret F-1 zone	
7936	not diagnostic	
7937	not diagnostic	
7938	Upper Miocene	
7939	no paleo info	
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7943	no paleo info	
7944	barren	
7945	Upper Miocene	
7946	not diagnostic	
7947	Upper Miocene	
7948	not diagnostic	
7949	Upper Mohnian	
7950	Upper Mohnian	
7951	Upper Mohnian	
7952	Upper Mohnian	
7953	Upper Mohnian	
7954	Upper Mohnian	
7955	Upper Mohnian	
7956	Upper Mohnian	
7957	Upper Mohnian	
7958	?Lower Mohnian	
7959	?Lower Mohnian	
7960	barren	
7961	Upper Pliocene	
7962	not diagnostic	
7963	not diagnostic	
7964	not diagnostic	
7965	not diagnostic	
7966	not diagnostic	
7967	not diagnostic	
7968	not diagnostic	
7969	U Cret F-1 zone	
7970	U Cret F-1 zone	
7971	U Cret F-1 zone	
7972	U Cret F-1 zone	
7973	U Cret F-1 zone	
7974	U Cret F-1 zone	
7975	U Cret F-1 zone	
7976	U Cret F-2 zone	
7977	not diagnostic	
7978	not diagnostic	
7979	not diagnostic	
7980	not diagnostic	
7981	U Cret F-2 zone	
7982	not diagnostic	
7983	not diagnostic	
7984	not diagnostic	
7985	not diagnostic	
7986	not diagnostic	
7987	not diagnostic	
7988	not diagnostic	
7989	barren	
7990	not diagnostic	
7991	not diagnostic	

	I	M
1	ONE/SERIES/AGT	
7992	not diagnostic	
7993	U Cret F/G zones	
7994	U Cret F/G zones	
7995	U Cret F/G zones	
7996	U Cret F/G zones	
7997	U Cret F/G zones	
7998	U Cret F/G zones	
7999	U Cret F/G zones	
8000	U Cret F-2 zone	
8001	not diagnostic	
8002	Cret F-2 or G-1	
8003	Cret F-2 or G-1	
8004	Cret F-2 or G-1	
8005	Cret F-2 or G-1	
8006	Cret F-2 or G-1	
8007	Cret F-2 or G-1	
8008	Cret F-2 or G-1	
8009	Cret F-2 or G-1	
8010	Cret F-2 or G-1	
8011	UK G-2 zone	
8012	UK G-2 zone	
8013	Cret F-2 or G-1	
8014	barren	
8015	not diagnostic	
8016	UK G-2 or older	
8017	UK G-2 or older	
8018	not diagnostic	
8019	not diagnostic	
8020	U Cret G-1 zone	
8021	older than UK G-1	
8022	Lower Cretaceous	
8023	Lower Cretaceous	
8024	Prob Paleocene	
8025	Prob Paleocene	
8026	Paleocene D zone	
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8029	Paleocene D zone	
8030	Paleocene D zone	
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8032	Paleocene D zone	
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8038	Meganos C zone	
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1	ZONE/SERIES/AGE	
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1	ONE/SERIES/AG	
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8416	M and U Miocene	

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1	ONE/SERIES/AG	
8417	M and U Miocene	
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8501	Upper Miocene	

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8519	Middle Miocene	
8520	Relizian	
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8523	Lower Miocene	
8524	Middle Miocene	
8525	Middle Miocene	
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8527	Middle Miocene	
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8529	Relizian	
8530	Relizian	
8531	Middle Miocene	
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8533	Middle Miocene	
8534	Relizian	
8535	Saucesian/Relizian	
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8546	Pliocene?	
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8586	Pliocene	

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1	ONE/SERIES/AG	
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8669	Pliocene	
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8671	Pliocene	

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1	ONE/SERIES/AG	
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8673	Pliocene	
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8700	not diagnostic	
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8703	Miocene/Pliocene	
8704	not diagnostic	
8705	not diagnostic	
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8707	Lower Pliocene	
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8709	Lower Pliocene	
8710	Lower Pliocene	
8711	not diagnostic	
8712	Miocene/Pliocene	
8713	Miocene/Pliocene	
8714	not diagnostic	
8715	not diagnostic	
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8717	Miocene/Pliocene	
8718	Miocene/Pliocene	
8719	Miocene/Pliocene	
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8722	Miocene/Pliocene	
8723	not diagnostic	
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8736	not diagnostic	
8737	Miocene/Pliocene	
8738	Mohnian	
8739	Delmontian	
8740	Delmontian	
8741	Delmontian	
8742	Delmontian	
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8744	Delmontian	
8745	Delmontian	
8746	Delmontian	
8747	Delmontian	
8748	Miocene/Pliocene	
8749	Miocene/Pliocene	
8750	Miocene/Pliocene	
8751	Miocene/Pliocene	
8752	Lower Pliocene	
8753	Lower Pliocene	
8754	not diagnostic	
8755	Plio/Pleistocene	
8756	Plio/Pleistocene	

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1	ONE/SERIES/AGT	
8757	not diagnostic	
8758	Plio/Pleistocene	
8759	Upper Pliocene	
8760	not diagnostic	
8761	Lower Pliocene	
8762	Lower Pliocene	
8763	Lower Pliocene	
8764	not diagnostic	
8765	not diagnostic	
8766	not diagnostic	
8767	not diagnostic	
8768	not diagnostic	
8769	Lower Pliocene	
8770	Lower Pliocene	
8771	not diagnostic	
8772	Delmontian	
8773	barren	
8774	Delmontian	
8775	Lower Pliocene	
8776	Lower Pliocene	
8777	Upper Pliocene	
8778	Miocene/Pliocene	
8779	Miocene/Pliocene	
8780	Miocene/Pliocene	
8781	Miocene/Pliocene	
8782	Miocene/Pliocene	
8783	Miocene/Pliocene	
8784	Miocene/Pliocene	
8785	Miocene/Pliocene	
8786	Miocene/Pliocene	
8787	Lower Pliocene	
8788	Lower Pliocene	
8789	poss Mio/Pliocene	
8790	poss Mio/Pliocene	
8791	poss Mio/Pliocene	
8792	not diagnostic	
8793	poss Cretaceous	
8794	not diagnostic	
8795	not diagnostic	
8796	Pliocene	
8797	Saucesian/Pseudo	
8798	Saucesian/Pseudo	
8799	Miocene/Pliocene	
8800	Upper Pliocene	
8801	Upper Pliocene	
8802	Upper Pliocene	
8803	no paleo info	
8804	not diagnostic	
8805	Upper Pliocene	
8806	Lower Pliocene	
8807	Lower Pliocene	
8808	not diagnostic	
8809	not diagnostic	
8810	not diagnostic	
8811	Cret/Paleocene	
8812	not diagnostic	
8813	not diagnostic	
8814	Upper Pliocene	
8815	not diagnostic	
8816	Lower Pliocene	
8817	Lower Pliocene	
8818	not diagnostic	
8819	Pliocene	
8820	not diagnostic	
8821	Upper Pliocene	
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8823	Pliocene	
8824	Upper Pliocene	
8825	barren	
8826	Pliocene	
8827	not diagnostic	
8828	not diagnostic	
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8831	Delmontian	
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8833	Pliocene	
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8835	Pliocene	
8836	Pliocene	
8837	not diagnostic	
8838	Pliocene	
8839	Miocene/Pliocene	
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8841	Miocene/Pliocene	

	I	M
1	ONE/SERIES/AGT	
8842	Miocene/Pliocene	
8843	not diagnostic	
8844	Miocene/Pliocene	
8845	Cret/Paleocene	
8846	Cret/Paleocene	
8847	not diagnostic	
8848	barren	
8849	Miocene/Pliocene	
8850	Miocene/Pliocene	
8851	Upper Miocene	
8852	Upper Miocene	
8853	not diagnostic	
8854	Pliocene	
8855	Pliocene	
8856	no paleo info	
8857	Relizian	
8858	not diagnostic	
8859	prob Luisian	
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8876	Delmontian	
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8890	not diagnostic	
8891	not diagnostic	
8892	Saucesian	
8893	Miocene	
8894	Miocene	
8895	Miocene	
8896	Miocene	
8897	no paleo info	
8898	not diagnostic	
8899	Cret/Paleocene	
8900	Eocene	
8901	not diagnostic	
8902	Eocene	
8903	barren	
8904	Middle Miocene	
8905	no paleo info	
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8907	Pliocene	
8908	reworked K and M	
8909	Pliocene	
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8915	Miocene/Pliocene	
8916	not diagnostic	
8917	Miocene/Pliocene	
8918	Delmontian	
8919	Delmontian	
8920	not diagnostic	
8921	Pliocene	
8922	Pliocene	
8923	Lower Pliocene	
8924	Lower Pliocene	
8925	Lower Pliocene	
8926	Pliocene	

	I	M
1	ZONE/SERIES/AGE	
8927	Pliocene	
8928	Pliocene	
8929	Pliocene	
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8931	Pliocene	
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8935	Upper Pliocene	
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8937	Upper Pliocene	
8938	Lower Pliocene	
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8940	Lower Pliocene	
8941	Delmontian	
8942	not diagnostic	
8943	Delmontian	
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8963	Lower Eocene	
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1	ONE/SERIES/AGI	
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1	ONE/SERIES/AGI	
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9154	U Miocene?	
9155	Saucesian	
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9157	no paleo info	
9158	Relizian?	
9159	Eocene?	
9160	U Cret/Paleoc	
9161	Lower Zemorrian	
9162	Lower Miocene	
9163	Lower Luisian	
9164	Luisian	
9165	Middle Miocene	
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9171	Relizian	
9172	Upper Relizian	
9173	Relizian/Luisian	
9174	Middle Miocene	
9175	Lower Relizian	
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9179	Eocene A-2 zone	
9180	Eocene A-2 zone	
9181	not diagnostic	

	I	M
1	ZONE/SERIES/AGT	
9182	barren	
9183	barren	
9184	U Eocene A zone	
9185	not diagnostic	
9186	poss U Eocene	
9187	not diagnostic	
9188	not diagnostic	
9189	prob U Cret I zone	
9190	not diagnostic	
9191	U Cret H zone	
9192	not diagnostic	
9193	not diagnostic	
9194	prob U Cretaceous	
9195	not diagnostic	
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9197	prob L Cret J zone	
9198	not diagnostic	
9199	U Cret G-1 zone	
9200	U Cret G-1 zone	
9201	U Cret H zone	
9202	L Cret J-1 zone	
9203	L Cret J-1 zone	
9204	L Cret J-1 zone	
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9206	not diagnostic	
9207	U Cret H zone	
9208	U Cret H zone	
9209	U Cret H zone	
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9266	U Cret H zone	

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1	ONE/SERIES/AGI	
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1	ONE/SERIES/AG	
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1	ONE/SERIES/AGF	
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	I	M
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9607	L Cret J-2 zone	
9608	not diagnostic	
9609	not diagnostic	
9610	not diagnostic	
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9614	L Cret J-1 zone	
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9616	not diagnostic	
9617	not diagnostic	
9618	not diagnostic	
9619	U Cret H zone	
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9632	not diagnostic	
9633	not diagnostic	
9634	not diagnostic	
9635	not diagnostic	
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9670	not diagnostic	
9671	not diagnostic	
9672	L Cret J zone	
9673	L Cret J zone	
9674	not diagnostic	
9675	L Cret J zone	
9676	poss Pliocene	
9677	poss Cretaceous	
9678	Luisian	
9679	Luisian	
9680	Luisian	
9681	Luisian	
9682	Luisian	
9683	Luisian	
9684	Luisian	
9685	Luisian	
9686	has reworked M	
9687	poss Cretaceous	
9688	prob Cretaceous	
9689	Relizian	
9690	Relizian	
9691	Cret/Paleocene	

	I	M
1	ONE/SERIES/AGT	
9692	not diagnostic	
9693	Middle Miocene	
9694	not diagnostic	
9695	barren	
9696	Pliocene	
9697	not diagnostic	
9698	not diagnostic	
9699	not diagnostic	
9700	not diagnostic	
9701	not diagnostic	
9702	not diagnostic	
9703	?Cretaceous	
9704	?Cretaceous	
9705	?Cretaceous	
9706	?Cretaceous	
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9710	?Cretaceous	
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9712	?Cretaceous	
9713	?Cretaceous	
9714	?Cretaceous	
9715	?Cretaceous	
9716	Middle Miocene	
9717	Miocene/Pliocene	
9718	Miocene/Pliocene	
9719	Miocene/Pliocene	
9720	Mohnian	
9721	Mohnian	
9722	Cret and Miocene	
9723	Cret and Miocene	
9724	Cret and Miocene	
9725	Cret/Paleocene	
9726	not diagnostic	
9727	not diagnostic	
9728	not diagnostic	
9729	poss Mio/Pliocene	
9730	not diagnostic	
9731	poss Mio/Pliocene	
9732	Eocene	
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9794	Eocene	
9795	Upper Eocene	
9796	no paleo info	
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9799	no paleo info	
9800	Cretaceous	
9801	Cretaceous	
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9850	Zemorrian	
9851	Zemorrian	
9852	Zemorrian	
9853	Saucesian	
9854	Saucesian	
9855	Saucesian	
9856	Saucesian	
9857	Saucesian	
9858	Saucesian	
9859	Saucesian	
9860	Refugian	
9861	Refugian	

	I	M
1	ZONE/SERIES/AGE	
9862	Refugian	
9863	Refugian	
9864	Refugian	
9865	Refugian	
9866	Upper Eocene	
9867	Upper Eocene	
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1	ONE/SERIES/AGF	
9947	Eocene	
9948	Eocene	
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9970	U Mohnian	
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9986	not diagnostic	
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9988	no paleo info	
9989	Lower Zemorrian	
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9995	Lower Zemorrian	
9996	Refugian	
9997	Refugian	
9998	Refugian	
9999	Refugian	
10000	no paleo info	
10001	Saucesian	
10002	Saucesian	
10003	Saucesian	
10004	Saucesian	
10005	not diagnostic	
10006	Relizian	
10007	Upper Mohnian	
10008	Upper Mohnian	
10009	Upper Mohnian	
10010	Upper Mohnian	
10011	Upper Mohnian	
10012	Upper Mohnian	
10013	Upper Mohnian	
10014	no paleo info	
10015	no paleo info	
10016	no paleo info	
10017	no paleo info	
10018	no paleo info	
10019	no paleo info	
10020	no paleo info	
10021	no paleo info	
10022	no paleo info	
10023	no paleo info	
10024	no paleo info	
10025	no paleo info	
10026	no paleo info	
10027	Lower Cretaceous	
10028	Lower Cretaceous	
10029	Lower Cretaceous	
10030	Lower Cretaceous	
10031	Lower Cretaceous	

	I	M
1	ONE/SERIES/AG	
10032	U Cret G-2 zone	
10033	U Cret G-2 zone	
10034	U Cret G-2 zone	
10035	U Cret G-2 zone	
10036	U Cret G-2 zone	
10037	U Cret G-2 zone	
10038	U Cret G-2 zone	
10039	U Cret G-2 zone	
10040	U Cret G-2 zone	
10041	U Cret G-2 zone	
10042	U Cret G-2 zone	
10043	U Cret G-2 zone	
10044	U Cret G-2 zone	
10045	U Cret G-2 zone	
10046	U Cret G-2 zone	
10047	U Cret G-2 zone	
10048	U Cret G-2 zone	
10049	U Cret G-2 zone	
10050	U Cret G-2 zone	
10051	U Cret G-2 zone	
10052	U Cret G-2 zone	
10053	U Cret G-2 zone	
10054	U Cret G-2 zone	
10055	U Cret G-2 zone	
10056	U Cret G-2 zone	
10057	U Cret G-2 zone	
10058	U Cret G-2 zone	
10059	U Cret G-2 zone	
10060	U Cret G-2 zone	
10061	U Cret G-2 zone	
10062	U Cret G-2 zone	
10063	U Cret G-2 zone	
10064	U Cret G-2 zone	
10065	U Cret G-2 zone	
10066	U Cret G-2 zone	
10067	U Cret G-2 zone	
10068	Upper Cret H zone	
10069	Upper Cret H zone	
10070	Upper Cret H zone	
10071	Upper Cret H zone	
10072	Upper Cret H zone	
10073	U Cret G-2 zone	
10074	U Cret G-2 zone	
10075	U Cret G-2 zone	
10076	U Cret G-2 zone	
10077	U Cret G-2 zone	
10078	U Cret G-2 zone	
10079	U Cret G-2 zone	
10080	U Cret G-2 zone	
10081	U Cret G-2 zone	
10082	U Cret G-2 zone	
10083	U Cret G-2 zone	
10084	U Cret G-2 zone	
10085	Upper Cret H zone	
10086	Upper Cret H zone	
10087	Upper Cret H zone	
10088	Upper Cret H zone	
10089	Upper Cret H zone	
10090	Upper Cret H zone	
10091	Upper Cret H zone	
10092	Upper Cret H zone	
10093	Upper Cret H zone	
10094	Upper Cret H zone	
10095	Upper Cret H zone	
10096	Upper Cret H zone	
10097	Upper Cret H zone	
10098	Upper Cret H zone	
10099	Upper Cret H zone	
10100	Upper Cret H zone	
10101	Upper Cret H zone	
10102	Upper Cret H zone	
10103	Upper Cret H zone	
10104	Upper Cret H zone	
10105	Upper Cret H zone	
10106	Upper Cret H zone	
10107	Upper Cret H zone	
10108	Upper Cret H zone	
10109	U Cret I-1 zone	
10110	U Cret I-1 zone	
10111	U Cret I-1 zone	
10112	U Cret I-1 zone	
10113	U Cret I-1 zone	
10114	U Cret I-1 zone	
10115	U Cret I-1 zone	
10116	U Cret I-1 zone	

	I	M
1	ONE/SERIES/AG	
10117	U Cret I-1 zone	
10118	U Cret I-1 zone	
10119	U Cret I-1 zone	
10120	U Cret I-1 zone	
10121	U Cret I-1 zone	
10122	U Cret I-1 zone	
10123	U Cret I-1 zone	
10124	U Cret I-1 zone	
10125	U Cret I-1 zone	
10126	U Cret I-1 zone	
10127	U Cret I-1 zone	
10128	U Cret I-1 zone	
10129	U Cret I-1 zone	
10130	U Cret I-1 zone	
10131	U Cret I-1 zone	
10132	U Cret I-1 zone	
10133	U Cret I-1 zone	
10134	U Cret I-1 zone	
10135	U Cret I-1 zone	
10136	U Cret I-1 zone	
10137	U Cret I-1 zone	
10138	U Cret I-1 zone	
10139	U Cret I-1 zone	
10140	U Cret I-1 zone	
10141	U Cret I-1 zone	
10142	U Cret G-2 zone	
10143	UL G-2 zone	
10144	UL G-2 zone	
10145	U Cret I-2 zone	
10146	U Cret I-2 zone	
10147	U Cret I-2 zone	
10148	U Cret I-2 zone	
10149	U Cret I-2 zone	
10150	U Cret I-2 zone	
10151	U Cret I-2 zone	
10152	U Cret I-2 zone	
10153	U Cret I-2 zone	
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10155	U Cret I-2 zone	
10156	U Cret I-2 zone	
10157	U Cret I-2 zone	
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10159	U Cret I-2 zone	
10160	U Cret I-2 zone	
10161	U Cret I-2 zone	
10162	U Cret I-2 zone	
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10164	U Cret I-2 zone	
10165	U Cret I-2 zone	
10166	U Cret I-2 zone	
10167	U Cret I-2 zone	
10168	U Cret I-2 zone	
10169	U Cret I-2 zone	
10170	U Cret I-2 zone	
10171	U Cret I-2 zone	
10172	U Cret I-2 zone	
10173	U Cret I-2 zone	
10174	U Cret I-2 zone	
10175	U Cret I-2 zone	
10176	U Cret I-2 zone	
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10179	U Cret I-2 zone	
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10182	U Cret I-2 zone	
10183	U Cret I-2 zone	
10184	U Cret I-2 zone	
10185	U Cret I-2 zone	
10186	U Cret I-2 zone	
10187	U Cret I-2 zone	
10188	U Cret I-2 zone	
10189	U Cret I-2 zone	
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10191	U Cret I-2 zone	
10192	U Cret I-2 zone	
10193	U Cret I-2 zone	
10194	U Cret I-2 zone	
10195	U Cret I-2 zone	
10196	U Cret I-2 zone	
10197	U Cret I-2 zone	
10198	U Cret I-2 zone	
10199	U Cret I-2 zone	
10200	U Cret I-2 zone	
10201	U Cret I-2 zone	

	I	M
1	ONE/SERIES/AG	
10202	U Cret I-2 zone	
10203	U Cret I-2 zone	
10204	U Cret I-2 zone	
10205	U Cret I-2 zone	
10206	U Cret I-2 zone	
10207	U Cret I-2 zone	
10208	U Cret I-2 zone	
10209	U Cret I-2 zone	
10210	U Cret I-2 zone	
10211	U Cret I-2 zone	
10212	U Cret I-2 zone	
10213	U Cret I-2 zone	
10214	U Cret I-2 zone	
10215	U Cret I-2 zone	
10216	U Cret I-2 zone	
10217	U Cret I-2 zone	
10218	U Cret I-2 zone	
10219	U Cret I-2 zone	
10220	U Cret I-2 zone	
10221	U Cret I-2 zone	
10222	U Cret I-2 zone	
10223	U Cret I-2 zone	
10224	U Cret I-2 zone	
10225	U Cret I-2 zone	
10226	U Cret I-2 zone	
10227	U Cret I-2 zone	
10228	U Cret I-2 zone	
10229	U Cret I-2 zone	
10230	U Cret I-2 zone	
10231	U Cret I-2 zone	
10232	U Cret I-2 zone	
10233	U Cret I-2 zone	
10234	U Cret I-2 zone	
10235	U Cret I-2 zone	
10236	U Cret I-2 zone	
10237	U Cret I-2 zone	
10238	U Cret I-2 zone	
10239	U Cret I-2 zone	
10240	U Cret I-2 zone	
10241	U Cret I-2 zone	
10242	U Cret I-2 zone	
10243	U Cret I-2 zone	
10244	U Cret I-2 zone	
10245	U Cret I-2 zone	
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10247	U Cret I-2 zone	
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10249	U Cret I-2 zone	
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10251	U Cret I-2 zone	
10252	U Cret I-2 zone	
10253	U Cret I-2 zone	
10254	U Cret I-2 zone	
10255	U Cret I-2 zone	
10256	U Cret I-2 zone	
10257	U Cret I-2 zone	
10258	U Cret I-2 zone	
10259	U Cret I-2 zone	
10260	U Cret I-2 zone	
10261	U Cret I-2 zone	
10262	U Cret I-2 zone	
10263	U Cret I-2 zone	
10264	U Cret I-2 zone	
10265	U Cret I-2 zone	
10266	U Cret I-2 zone	
10267	U Cret I-2 zone	
10268	U Cret I-2 zone	
10269	U Cret I-2 zone	
10270	U Cret I-2 zone	
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10273	U Cret I-2 zone	
10274	U Cret I-2 zone	
10275	U Cret I-2 zone	
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10277	U Cret I-2 zone	
10278	U Cret I-2 zone	
10279	U Cret I-2 zone	
10280	U Cret I-2 zone	
10281	U Cret I-2 zone	
10282	U Cret I-2 zone	
10283	U Cret I-2 zone	
10284	U Cret I-2 zone	
10285	U Cret I-2 zone	
10286	U Cret I-2 zone	

	I	M
1	ONE/SERIES/AGT	
10287	U Cret I-2 zone	
10288	U Cret I-2 zone	
10289	U Cret I-2 zone	
10290	U Cret I-2 zone	
10291	U Cret I-2 zone	
10292	U Cret I-2 zone	
10293	U Cret I-2 zone	
10294	U Cret I-2 zone	
10295	U Cret I-2 zone	
10296	U Cret I-2 zone	
10297	U Cret I-2 zone	
10298	U Cret I-2 zone	
10299	U Cret I-2 zone	
10300	U Cret I-2 zone	
10301	U Cret I-2 zone	
10302	no paleo info	
10303	no paleo info	
10304	Luisian	
10305	Luisian	
10306	Luisian	
10307	Luisian	
10308	Luisian	
10309	Luisian	
10310	Luisian	
10311	Luisian	
10312	Luisian	
10313	Luisian	
10314	Luisian	
10315	Luisian	
10316	no paleo info	
10317	not diagnostic	
10318	not diagnostic	
10319	Mohnian	
10320	Mohnian	
10321	Mohnian	
10322	Mohnian	
10323	Mohnian	
10324	Mohnian	
10325	Mohnian	
10326	Mohnian	
10327	Mohnian	
10328	Saucesian	
10329	Saucesian	
10330	Saucesian	
10331	Saucesian	
10332	Saucesian	
10333	Saucesian	
10334	Saucesian	
10335	Saucesian	
10336	Saucesian	
10337	Saucesian	
10338	Saucesian	
10339	Saucesian	
10340	Saucesian	
10341	Saucesian	
10342	Saucesian	
10343	Saucesian	
10344	Saucesian	
10345	Saucesian	
10346	Saucesian	
10347	Saucesian	
10348	Saucesian	
10349	Saucesian	
10350	Saucesian	
10351	Saucesian	
10352	no paleo info	
10353	no paleo info	
10354	no paleo info	
10355	no paleo info	
10356	no paleo info	
10357	no paleo info	
10358	no paleo info	
10359	no paleo info	
10360	no paleo info	
10361	no paleo info	
10362	no paleo info	
10363	no paleo info	
10364	no paleo info	
10365	no paleo info	
10366	Saucesian?	
10367	no paleo info	
10368	no paleo info	
10369	no paleo info	
10370	no paleo info	
10371	no paleo info	

	I	M
1	ONE/SERIES/AGT	
10372	no paleo info	
10373	no paleo info	
10374	no paleo info	
10375	Eocene/Miocene	
10376	Eocene/Miocene	
10377	Eocene/Miocene	
10378	Eocene/Miocene	
10379	Eocene/Miocene	
10380	Eocene/Miocene	
10381	Eocene/Miocene	
10382	Eocene/Miocene	
10383	Eocene/Miocene	
10384	Eocene/Miocene	
10385	prob U Eocene	
10386	prob U Eocene	
10387	prob U Eocene	
10388	prob U Eocene	
10389	prob U Eocene	
10390	prob U Eocene	
10391	prob U Eocene	
10392	prob U Eocene	
10393	prob U Eocene	
10394	prob U Eocene	
10395	prob U Eocene	
10396	prob U Eocene	
10397	prob U Eocene	
10398	prob U Eocene	
10399	prob M Eocene	
10400	prob M Eocene	
10401	prob M Eocene	
10402	prob M Eocene	
10403	prob M Eocene	
10404	prob M Eocene	
10405	prob M Eocene	
10406	prob M Eocene	
10407	prob M Eocene	
10408	prob M Eocene	
10409	prob M Eocene	
10410	prob M Eocene	
10411	no paleo info	
10412	no paleo info	
10413	no paleo info	
10414	no paleo info	
10415	no paleo info	
10416	Eocene	
10417	Eocene	
10418	Eocene	
10419	not diagnostic	
10420	no paleo info	
10421	no paleo info	
10422	no paleo info	
10423	no paleo info	
10424	no paleo info	
10425	see Went thesis	
10426	see Went thesis	
10427	see Went thesis	
10428	see Went thesis	
10429	see Went thesis	
10430	see Went thesis	
10431	see Went thesis	
10432	see Went thesis	
10433	see Went thesis	
10434	see Went thesis	
10435	see Went thesis	
10436	see Went thesis	
10437	U Cret E zone	
10438	Early Tertiary	
10439	Eocene	
10440	Eocene	
10441	Eocene	
10442	Eocene	
10443	Eocene	
10444	Eocene	
10445	no paleo info	
10446	Eocene pollen	
10447	no paleo info	
10448	Cret/Paleoc pollen	
10449	no paleo info	
10450	no paleo info	
10451	Lower Eocene	
10452	no paleo info	
10453	no paleo info	
10454	no paleo info	
10455	no paleo info	
10456	no paleo info	

	I	M
1	ONE/SERIES/AGT	
10457	no paleo info	
10458	no paleo info	
10459	no paleo info	
10460	no paleo info	
10461	no paleo info	
10462	no paleo info	
10463	U Cret indefinite	
10464	U Cret indefinite	
10465	U Cret indefinite	
10466	U Cret indefinite	
10467	U Cret indefinite	
10468	U Cret indefinite	
10469	U Cret indefinite	
10470	U Cret indefinite	
10471	U Cret indefinite	
10472	U Cret indefinite	
10473	U Cret indefinite	
10474	U Cret indefinite	
10475	U Cret F-2 zone	
10476	U Cret indefinite	
10477	Eocene	
10478	barren	
10479	barren	
10480	Upper Cretaceous	
10481	not diagnostic	
10482	not diagnostic	
10483	not diagnostic	
10484	not diagnostic	
10485	Lower Eocene	
10486	barren	
10487	U Cret F-1 zone	
10488	U Cret F-1 zone	
10489	U Cret F-1 zone	
10490	U Cret F-1 zone	
10491	U Cret F-1 zone	
10492	U Cret F-1 zone	
10493	U Cret F-1 zone	
10494	U Cret F-2 zone	
10495	U Cret F-2 zone	
10496	not diagnostic	
10497	U Cret F-2 zone	
10498	not diagnostic	
10499	not diagnostic	
10500	not diagnostic	
10501	not diagnostic	
10502	not diagnostic	
10503	not diagnostic	
10504	not diagnostic	
10505	not diagnostic	
10506	not diagnostic	
10507	not diagnostic	
10508	not diagnostic	
10509	not diagnostic	
10510	not diagnostic	
10511	not diagnostic	
10512	not diagnostic	
10513	not diagnostic	
10514	not diagnostic	
10515	not diagnostic	
10516	Upper Cret F-1?	
10517	UpperCret F-1?	
10518	not diagnostic	
10519	barren	
10520	not diagnostic	
10521	Upper Cret F-1?	
10522	U Cret G-1 zone	
10523	not diagnostic	
10524	U Cret G-1 zone	
10525	U Cret G-1 zone	
10526	U Cret G-1 zone	
10527	U Cret G-1 zone	
10528	U Cret G-1 zone	
10529	U Cret G-1 zone	
10530	U Cret G-1 zone	
10531	U Cret G-1 zone	
10532	U Cret F-1 zone	
10533	U Cret F-1 zone	
10534	U Cret F-1 zone	
10535	U Cret F-1 zone	
10536	U Cret F-1 zone	
10537	U Cret F-1 zone	
10538	U Cret F-1 zone	
10539	U Cret F-1 zone	
10540	U Cret F-1 zone	
10541	U Cret F-1 zone	

	I	M
1	ONE/SERIES/AGT	
10542	U Cret F-1 zone	
10543	U Cret F-1 zone	
10544	U Cret F-1 zone	
10545	U Cret F-1 zone	
10546	U Cret F-1 zone	
10547	U Cret F-1 zone	
10548	U Cret F-1 zone	
10549	U Cret F-1 zone	
10550	U Cret F-1 zone	
10551	U Cret F-1 zone	
10552	U Cret F-1 zone	
10553	U Cret F-1 zone	
10554	U Cret F-1 zone	
10555	U Cret F-2 zone	
10556	U Cret G-1 zone	
10557	Upper Cretaceous	
10558	Upper Cretaceous	
10559	Upper Cretaceous	
10560	Lower Miocene	
10561	Lower Miocene	
10562	Pliocene	
10563	Pliocene	
10564	Pliocene	
10565	Pliocene	
10566	Pliocene	
10567	Pliocene	
10568	Pliocene	
10569	Pliocene	
10570	Pliocene	
10571	Pliocene	
10572	Pliocene	
10573	Pliocene	
10574	Pliocene	
10575	Pliocene	
10576	Pliocene	
10577	Pliocene	
10578	Pliocene	
10579	Pliocene	
10580	Pliocene	
10581	Pliocene	
10582	Pliocene	
10583	Pliocene	
10584	Pliocene	
10585	Pliocene	
10586	Pliocene	
10587	Pliocene	
10588	Pliocene	
10589	Pliocene	
10590	Pliocene	
10591	Pliocene	
10592	Pliocene	
10593	Pliocene	
10594	Pliocene	
10595	Pliocene	
10596	Pliocene	
10597	Pliocene	
10598	Pliocene	
10599	Pliocene	
10600	Pliocene	
10601	Pliocene	
10602	Pliocene	
10603	Pliocene	
10604	Pliocene	
10605	Pliocene	
10606	Pliocene	
10607	Pliocene	
10608	Pliocene	
10609	Pliocene	
10610	Luisian	
10611	Luisian	
10612	Luisian	
10613	Luisian	
10614	Luisian	
10615	Eocene?	
10616	not diagnostic	
10617	poss Luisian	
10618	Zemorrian	
10619	Zemorrian	
10620	not diagnostic	
10621	Zemorrian	
10622	not diagnostic	
10623	barren	
10624	poss Mohnian	
10625	Lower Mohnian	
10626	Saucesian	

	I	M
1	ONE/SERIES/AG	
10627	Lower Miocene	
10628	Lower Miocene	
10629	not diagnostic	
10630	Luisian	
10631	Pliocene	
10632	no	
10633		
10634	no paleo info	
10635	Upper Miocene	
10636	barren	
10637	Middle Miocene	
10638	no paleo info	
10639	Upper Delmontian	
10640	Upper Delmontian	
10641	Upper Delmontian	
10642	Upper Delmontian	
10643	Upper Delmontian	
10644	Upper Delmontian	
10645	Upper Delmontian	
10646	Upper Delmontian	
10647	Upper Delmontian	
10648	Upper Delmontian	
10649	Upper Delmontian	
10650	Upper Delmontian	
10651	Upper Delmontian	
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10660	Upper Delmontian	
10661	Upper Delmontian	
10662	Upper Delmontian	
10663	Upper Delmontian	
10664	no paleo info	
10665	no paleo info	
10666	no paleo info	
10667	no paleo info	
10668	no paleo info	
10669	no paleo info	
10670	no paleo info	
10671	Lower Mohnian	
10672	not diagnostic	
10673	Miocene	
10674	barren of forams	
10675	Pliocene?	
10676	Pliocene?	
10677	no ages provided	
10678	no ages provided	
10679	no ages provided	
10680	no ages provided	
10681	no ages provided	
10682	no ages provided	
10683	no ages provided	
10684	no ages provided	
10685	no ages provided	
10686	no ages provided	
10687	no ages provided	
10688	no ages provided	
10689	no paleo info	
10690	no paleo info	
10691	no paleo info	
10692	no paleo info	
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10695	no paleo info	
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10697	no paleo info	
10698	no paleo info	
10699	no paleo info	
10700	no paleo info	
10701	no paleo info	
10702	no paleo info	
10703	no paleo info	
10704	no paleo info	
10705	Lower Mohnian	
10706	Eocene or Cret	
10707	no paleo info	
10708	Cret Senonian	
10709	no paleo info	
10710	no paleo info	
10711	no paleo info	

	I	M
1	ONE/SERIES/AGF	
10712	no paleo info	
10713	no paleo info	
10714	no paleo info	
10715	no paleo info	
10716	no paleo info	
10717	no paleo info	
10718	no paleo info	
10719	no paleo info	
10720	no paleo info	
10721	no paleo info	
10722	no paleo info	
10723	no paleo info	
10724	U Cret poss D-2	
10725	no paleo info	
10726	U Cret D-2 zone	
10727	U Cret C/D zones	
10728	U Cret C/D zones	
10729	U Cret C/D zones	
10730	U Cret C/D zones	
10731	U Cret C/D zones	
10732	U Cret C/D zones	
10733	U Cret E zone	
10734	U Cret D-2 zone	
10735	U Cret D-2 zone	
10736	U Cret D-2 zone	
10737	U Cret D-2 zone	
10738	U Cret D-2 zone	
10739	U Cret D-2 zone	
10740	poss UK D-1 zone	
10741	Cretaceous	
10742	Cretaceous	
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10747	Cretaceous	
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10749	U Cret D zone	
10750	Cretaceous	
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1	ONE/SERIES/AGE	
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10840	barren	
10841	barren	
10842	barren	
10843	barren	
10844	barren	
10845	barren	
10846	barren	
10847	barren	
10848	barren	
10849	Upper Miocene	
10850	Upper Miocene	
10851	barren	
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10853	barren	
10854	barren	
10855	barren	
10856	barren	
10857	Miocene	
10858	barren	
10859	barren	
10860	barren	
10861	not diagnostic	
10862	barren	
10863	barren	
10864	barren	
10865	barren	
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10867	barren	
10868	barren	
10869	barren	
10870	Miocene	
10871	not diagnostic	
10872	Upper Miocene	
10873	etc	
10874	no age provided	
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10888	Lower Mohnian	
10889	barren	
10890	Luisian	
10891	Mohnian	
10892	Upper Miocene	
10893	Lower Mohnian	
10894	barren	
10895	barren	
10896	Upper Miocene	
10897	Upper Miocene	
10898	Upper Miocene	
10899	barren	
10900	Upper Mohnian	
10901	Lower Mohnian	
10902	Lower Mohnian	
10903	Lower Mohnian	
10904	not diagnostic	
10905	Lower Mohnian	
10906	Prob Mohnian	
10907	Mohnian	
10908	Relizian/Saucesian	
10909	Mohnian	
10910	Lower Luisian?	
10911	Relizian	
10912	Miocene	
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10914	Lower Mohnian	
10915	barren	
10916	Middle Miocene	
10917	Middle Miocene	
10918	Middle Miocene	
10919	not diagnostic	
10920	not diagnostic	
10921	Upper Mohnian	
10922	Upper Miocene	
10923	not diagnostic	
10924	Zemorrian/Sauc	
10925	Lower Relizian	
10926	not diagnostic	
10927	Relizian	
10928	Middle Miocene	
10929	Middle Miocene	
10930	Relizian	
10931	Relizian	
10932	prob Relizian	
10933	Relizian	
10934	Relizian	
10935	Lower Relizian	
10936	Relizian	
10937	prob Relizian	
10938	prob Relizian	
10939	no paleo info	
10940	Relizian	
10941	no paleo info	
10942	Luisian	
10943	Lower Mohnian	
10944	not diagnostic	
10945	not diagnostic	
10946	Lower Mohnian	
10947	barren	
10948	Lower Miocene	
10949	Lower Miocene	
10950	Lower Mohnian	
10951	Relizian	
10952	Relizian	
10953	no paleo info	
10954	Relizian	
10955	Relizian	
10956	Saucesian/Relizian	
10957	Lower Miocene?	
10958	Lower Miocene?	
10959	barren	
10960	not diagnostic	
10961	Saucesian/Zem	
10962	no paleo info	
10963	no paleo info	
10964	no paleo info	
10965	no paleo info	
10966	no paleo info	

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1	ONE/SERIES/AGT	
10967	Zemorrian	
10968	prob Zemorrian	
10969	Saucesian	
10970	Upper Saucesian	
10971	Lower Relizian	
10972	Lower Miocene	
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10987	no paleo info	
10988	Paleocene	
10989	not diagnostic	
10990	poss Paleocene	
10991	barren	
10992	barren	
10993	Eocene A-2 zone	
10994	Eocene A-2 zone	
10995	no paleo info	
10996	Eocene ?C zone	
10997	no paleo info	
10998	Eocene ?C zone	
10999	Eocene ?C zone	
11000	Lower Eocene	
11001	Lower Eocene	
11002	Lower Eocene	
11003	Upper Cretaceous	
11004	barren	
11005	Upper Cretaceous	
11006	Upper Cretaceous	
11007	Paleocene	
11008	Paleocene	
11009	Paleocene	
11010	Lower Eocene	
11011	Lower Eocene	
11012	Lower Eocene	
11013	Upper Cretaceous	
11014	no paleo info	
11015	Paleocene	
11016	Eocene	
11017	Eocene A-2 zone	
11018	Eocene	
11019	Eocene C zone	
11020	Cretaceous	
11021	no paleo info	
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11050	not diagnostic	
11051	not diagnostic	

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1	ONE/SERIES/AGT	
11052	not diagnostic	
11053	not diagnostic	
11054	not diagnostic	
11055	not diagnostic	
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11059	not diagnostic	
11060	Mohnian	
11061	not diagnostic	
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11069	not diagnostic	
11070	poss M Miocene	
11071	poss M Miocene	
11072	no paleo info	
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11077	no paleo info	
11078	U Cret G-1 zone	
11079	Upper Cretaceous	
11080	Upper Cretaceous	
11081	Upper Cretaceous	
11082	Upper Cretaceous	
11083	Upper Cretaceous	
11084	not diagnostic	
11085	not diagnostic	
11086	not diagnostic	
11087	Lower Eocene	
11088	not diagnostic	
11089	Eocene	
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11094	no paleo info	
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11103	Eocene	
11104	no paleo info	
11105	Upper Miocene?	
11106	Upper Miocene?	
11107	Upper Miocene?	
11108	possibly L Mohnian	
11109	possibly L Mohnian	
11110	not diagnostic	
11111	Mohnian	
11112	lowermost Relizian	
11113	Lower Relizian	
11114	Relizian	
11115	Relizian	
11116	Relizian	
11117	Lower Mohnian	
11118	Mohnian	
11119	Lower Mohnian	
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11121	Lower Mohnian	
11122	Luisian	
11123	Luisian	
11124	prob Mohnian	
11125	Lower Mohnian	
11126	Lower Mohnian	
11127	not diagnostic	
11128	Lower Mohnian	
11129	Lower Mohnian	
11130	not diagnostic	
11131	Luisian	
11132	Mohnian	
11133	Mohnian	
11134	no paleo info	
11135	no paleo info	
11136	not diagnostic	

	I	M
1	ONE/SERIES/AGT	
11137	Relizian	
11138	Relizian	
11139	Relizian	
11140	npt diagnostic	
11141	not diagnostic	
11142	Lower Mohnian	
11143	Lower Mohnian	
11144	Lower Mohnian	
11145	Upper Mohnian	
11146	Luisian	
11147	Relizian	
11148	Relizian	
11149	Lower Relizian	
11150	Relizian	
11151	barren	
11152	Lower Relizian	
11153	Relizian	
11154	Relizian	
11155	Relizian	
11156	Relizian	
11157	? Luisian	
11158	Relizian	
11159	Middle Miocene	
11160	Relizian	
11161	Relizian	
11162	L Eocene C Zone	
11163	Relizian	
11164	U Cret/Paleocene	
11165	U Cret/Paleocene	
11166	poss Miocene	
11167	Zemorrian	
11168	poss Relizian	
11169	Relizian	
11170	Eocene	
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11176	Eocene	
11177	Relizian	
11178	Lower Eocene	
11179	Middle Miocene	
11180	Middle Miocene	
11181	Relizian	
11182	Middle Miocene	
11183	Middle Miocene	
11184	prob Luisian	
11185	Middle Miocene	
11186	Middle Miocene	
11187	not diagnostic	
11188	Middle Miocene	
11189	Miocene	
11190	Miocene	
11191	Miocene	
11192	Relizian	
11193	Relizian	
11194	Relizian	
11195	Relizian	
11196	Cret/Paleocene	
11197	Cret/Paleocene	
11198	prob L Eocene	
11199	Lower Zemorrian	
11200	Cret/Paleocene	
11201	Cret/Paleocene	
11202	L Eocene C zone	
11203	L Eocene C zone	
11204	Paleocene D zone	
11205	Paleocene D zone	
11206	Relizian	
11207	Relizian	
11208	Relizian	
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11218	no age provided	
11219	Middle Miocene	
11220	not diagnostic	
11221	Middle Miocene	

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1	ONE/SERIES/AGT	
11222	Relizian	
11223	Lower Miocene	
11224	Middle Miocene	
11225	Middle Miocene	
11226	Luisian	
11227	Relizian	
11228	not diagnostic	
11229	Upper Miocene	
11230	Upper Miocene	
11231	no paleo info	
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11233	barren	
11234	Cret/Paleocene	
11235	no paleo info	
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11281	U Cret C zone	
11282	U Cret C zone	
11283	not diagnostic	
11284	not diagnostic	
11285	not diagnostic	
11286	Middle Miocene	
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11816	Pliocene	

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11844	Pliocene	
11845	Saucesian	
11846	Saucesian	
11847	Saucesian?	
11848	Saucesian?	
11849	Relizian?	
11850	Pliocene	
11851	Miocene/Pliocene	
11852	no paleo info	
11853	not diagnostic	
11854	Saucesian	
11855	Saucesian	
11856	Pliocene	
11857	Zemorrian	
11858	not diagnostic	
11859	Saucesian	
11860	Saucesian	
11861	Saucesian	
11862	Saucesian	
11863	Zemorrian	
11864	Upper Miocene	
11865	not diagnostic	
11866	Saucesian	
11867	not diagnostic	
11868	Miocene	
11869	not diagnostic	
11870	Miocene/Pliocene	
11871	not diagnostic	
11872	not diagnostic	
11873	not diagnostic	
11874	not diagnostic	
11875	not diagnostic	
11876	not diagnostic	
11877	Upper Miocene	
11878	Upper Miocene	
11879	not diagnostic	
11880	not diagnostic	
11881	check??	
11882	Refugian	
11883	uncertain	
11884	U Eocene A zone	
11885	Relizian	
11886	Eocene	
11887	barren of forams	
11888	U Eocene A zone	
11889	not diagnostic	
11890	Lower Zemorrian	
11891	not diagnostic	
11892	U Eocene A-1 zon	
11893	U Eocene A-2 zon	
11894	U Eocene A zone	
11895	Eocene	
11896	no paleo info	
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11968	Eocene	
11969	Eocene	
11970	Eocene	
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11972	Eocene	
11973	Eocene	
11974	Cretaceous?	
11975	Cretaceous	
11976	Eocene	
11977	Eocene	
11978	Eocene	
11979	Eocene	
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11981	Eocene	
11982	Eocene	
11983	Eocene	
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11985	Eocene	
11986	Eocene	

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1	ONE/SERIES/AGF	
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11988	Middle Eocene	
11989	Eocene	
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12000	M Miocene?	
12001	M Miocene	
12002	Upper Saucesian	
12003	Saucesian	
12004	Luisian	
12005	M Miocene	
12006	Luisian	
12007	Lower Saucesian	
12008	Lower Saucesian	
12009	Lower Saucesian	
12010	not diagnostic	
12011	Middle Miocene	
12012	Luisian	
12013	Luisian	
12014	Saucesian	
12015	Luisian	
12016	not diagnostic	
12017	not diagnostic	
12018	not diagnostic	
12019	Luisian	
12020	Miocene	
12021	prob M Miocene	
12022	poss Relizian	
12023	barren	
12024	Saucesian	
12025	Middle Miocene	
12026	Lower Luisian	
12027	Middle Miocene	
12028	Luisian	
12029	Middle Miocene	
12030	Luisian	
12031	Saucesian	
12032	Upper Saucesian	
12033	Sauc/Relizian	
12034	Sauc/Relizian	
12035	Sauc/Relizian	
12036	Sauc/Relizian	
12037	Sauc/Relizian	
12038	Middle Miocene	
12039	Saucesian	
12040	Upper Saucesian	
12041	poss Saucesian	
12042	Lower Relizian	
12043	Middle Miocene	
12044	not diagnostic	
12045	Lower Relizian	
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12049	Relizian	
12050	not diagnostic	
12051	Lower Relizian	
12052	Middle Miocene	
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12071	Middle Miocene	

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1	ONE/SERIES/AGT	
12072	Middle Miocene	
12073	Middle Miocene	
12074	Luisian	
12075	Middle Miocene	
12076	not diagnostic	
12077	not diagnostic	
12078	Upper Miocene	
12079	prob U Miocene	
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12081	prob U Miocene	
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12085	Luisian	
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12087	Luisian	
12088	Luisian	
12089	prob U Miocene	
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12091	prob U Miocene	
12092	Upper Miocene	
12093	Upper Miocene	
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12097	prob Luisian	
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12099	Upper Miocene	
12100	Upper Miocene	
12101	not diagnostic	
12102	Saucesian	
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12104	Saucesian	
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12106	Saucesian	
12107	Zemorrian	
12108	Zemorrian	
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12111	Zemorrian	
12112	Zemorrian	
12113	Saucesian	
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12143	Luisian	
12144	no paleo info	
12145	barren or not diag.	
12146	barren or not diag.	
12147	barren or not diag.	
12148	U Cret D-2 zone	
12149	barren or not diag.	
12150	barren or not diag.	
12151	barren or not diag.	
12152	U Cret D-1 zone	
12153	U Cret D-1 zone	
12154	U Cret D-1 zone	
12155	U Cret D-1 zone	
12156	U Cret D-1 zone	

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12157	U Cret D-1 zone	
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12159	U Cret D-1 zone	
12160	U Cret D-1 zone	
12161	U Cret D-1 zone	
12162	U Cret F zone	
12163	U Cret F zone	
12164	Upper Cretaceous	
12165	Upper Cretaceous	
12166	U Cret F zone	
12167	Upper Cretaceous	
12168	Upper Cretaceous	
12169	U Cret E zone	
12170	U Cret pseudo G-1	
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12411	Eocene	

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12415	Eocene	
12416	Eocene	
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13297	Cret/Paleocene	
13298	Paleocene D zone	
13299	Paleocene/Eocene	
13300	Paleocene/Eocene	
13301	Paleocene/Eocene	
13302	Paleocene/Eocene	
13303	Paleocene/Eocene	
13304	Paleocene/Eocene	
13305	Paleocene/Eocene	
13306	Paleocene/Eocene	
13307	Paleocene/Eocene	
13308	Paleocene/Eocene	
13309	Paleocene/Eocene	
13310	Paleocene/Eocene	
13311	Paleocene/Eocene	
13312	Lower Eocene	
13313	Lower Eocene	
13314	Lower Eocene	
13315	Lower Eocene	
13316	Lower Eocene	
13317	Lower Eocene	
13318	Lower Eocene	
13319	Lower Eocene	
13320	Lower Eocene	
13321	Lower Eocene	
13322	Lower Eocene	
13323	Lower Eocene	
13324	Lower Eocene	
13325	Lower Eocene	
13326	M Eocene A-2 zon	
13327	M Eocene A-2 zon	
13328	M Eocene A-2 zon	
13329	M Eocene A-2 zon	
13330	M Eocene A-2 zon	
13331	M Eocene A-2 zon	
13332	M Eocene A-2 zon	
13333	M Eocene A-2 zon	
13334	M Eocene A-2 zon	
13335	M Eocene A-2 zon	
13336	M Eocene A-2 zon	
13337	M Eocene A-2 zon	
13338	M Eocene A-2 zon	
13339	M Eocene A-2 zon	
13340	M Eocene A-2 zon	
13341	M Eocene A-2 zon	
13342	M Eocene A-2 zon	
13343	M Eocene A-2 zon	
13344	M Eocene A-2 zon	
13345	M Eocene A-2 zon	
13346	M Eocene A-2 zon	

	I	M
1	ONE/SERIES/AG	
13347	M Eocene A-2 zon	
13348	M Eocene A-2 zon	
13349	M Eocene A-2 zon	
13350	M Eocene A-2 zon	
13351	M Eocene A-2 zon	
13352	M Eocene A-2 zon	
13353	M Eocene A-2 zon	
13354	M Eocene A-2 zon	
13355	M Eocene A-2 zon	
13356	M Eocene A-2 zon	
13357	M Eocene A-2 zon	
13358	M Eocene A-2 zon	
13359	M Eocene A-2 zon	
13360	M Eocene A-2 zon	
13361	M Eocene A-2 zon	
13362	M Eocene A-2 zon	
13363	M Eocene A-2 zon	
13364	M Eocene A-2 zon	
13365	M Eocene A-2 zon	
13366	M Eocene A-2 zon	
13367	M Eocene A-2 zon	
13368	M Eocene A-2 zon	
13369	M Eocene A-2 zon	
13370	M Eocene A-2 zon	
13371	M Eocene A-2 zon	
13372	M Eocene A-2 zon	
13373	M Eocene A-2 zon	
13374	M Eocene A-2 zon	
13375	M Eocene A-2 zon	
13376	M Eocene A-2 zon	
13377	M Eocene A-2 zon	
13378	M Eocene A-2 zon	
13379	M Eocene A-2 zon	
13380	M Eocene A-2 zon	
13381	M Eocene A-2 zon	
13382	M Eocene A-2 zon	
13383	M Eocene A-2 zon	
13384	M Eocene A-2 zon	
13385	M Eocene A-2 zon	
13386	M Eocene A-2 zon	
13387	M Eocene A-2 zon	
13388	M Eocene A-2 zon	
13389	M Eocene A-2 zon	
13390	M Eocene A-2 zon	
13391	M Eocene A-2 zon	
13392	M Eocene A-2 zon	
13393	M Eocene A-2 zon	
13394	M Eocene A-2 zon	
13395	M Eocene A-2 zon	
13396	M Eocene A-2 zon	
13397	M Eocene A-2 zon	
13398	M Eocene A-2 zon	
13399	M Eocene A-2 zon	
13400	M Eocene A-2 zon	
13401	M Eocene A-2 zon	
13402	M Eocene A-2 zon	
13403	M Eocene A-2 zon	
13404	M Eocene A-2 zon	
13405	M Eocene A-2 zon	
13406	M Eocene A-2 zon	
13407	M Eocene A-2 zon	
13408	M Eocene A-2 zon	
13409	M Eocene A-2 zon	
13410	M Eocene A-2 zon	
13411	M Eocene A-2 zon	
13412	M Eocene A-2 zon	
13413	M Eocene A-2 zon	
13414	M Eocene A-2 zon	
13415	M Eocene A-2 zon	
13416	M Eocene A-2 zon	
13417	M Eocene A-2 zon	
13418	M Eocene A-2 zon	
13419	M Eocene A-2 zon	
13420	M Eocene A-2 zon	
13421	M Eocene A-2 zon	
13422	M Eocene A-2 zon	
13423	M Eocene A-2 zon	
13424	M Eocene A-2 zon	
13425	M Eocene A-2 zon	
13426	M Eocene A-2 zon	
13427	M Eocene A-2 zon	
13428	M Eocene A-2 zon	
13429	M Eocene A-2 zon	
13430	M Eocene A-2 zon	
13431	M Eocene A-2 zon	

	I	M
1	ONE/SERIES/AGF	
13432	M Eocene A-2 zon	
13433	M Eocene A-2 zon	
13434	M Eocene A-2 zon	
13435	M Eocene A-2 zon	
13436	M Eocene A-2 zon	
13437	M Eocene A-2 zon	
13438	M Eocene A-2 zon	
13439	M Eocene A-2 zon	
13440	M Eocene A-2 zon	
13441	M Eocene A-2 zon	
13442	M Eocene A-2 zon	
13443	M Eocene A-2 zon	
13444	M Eocene A-2 zon	
13445	M Eocene A-2 zon	
13446	M Eocene A-2 zon	
13447	M Eocene A-2 zon	
13448	M Eocene A-2 zon	
13449	M Eocene A-2 zon	
13450	M Eocene A-2 zon	
13451	M Eocene A-2 zon	
13452	M Eocene A-2 zon	
13453	M Eocene A-2 zon	
13454	M Eocene A-2 zon	
13455	M Eocene A-2 zon	
13456	M Eocene A-2 zon	
13457	M Eocene A-2 zon	
13458	M Eocene A-2 zon	
13459	M Eocene A-2 zon	
13460	M Eocene A-2 zon	
13461	M Eocene A-2 zon	
13462	M Eocene A-2 zon	
13463	M Eocene A-2 zon	
13464	M Eocene A-2 zon	
13465	M Eocene A-2 zon	
13466	M Eocene A-2 zon	
13467	M Eocene A-2 zon	
13468	M Eocene A-2 zon	
13469	M Eocene A-2 zon	
13470	M Eocene A-2 zon	
13471	M Eocene A-2 zon	
13472	M Eocene A-2 zon	
13473	M Eocene A-2 zon	
13474	M Eocene A-2 zon	
13475	M Eocene A-2 zon	
13476	M Eocene A-2 zon	
13477	M Eocene A-2 zon	
13478	M Eocene A-2 zon	
13479	M Eocene A-2 zon	
13480	M Eocene A-2 zon	
13481	M Eocene A-2 zon	
13482	M Eocene A-2 zon	
13483	M Eocene A-2 zon	
13484	M Eocene A-2 zon	
13485	M Eocene A-2 zon	
13486	M Eocene A-2 zon	
13487	Lower Cret K zone	
13488	L Cret J-2 zone	
13489	L Cret J-2 zone	
13490	L Cret J-2 zone	
13491	L Cret J-2 zone	
13492	L Cret J-2 zone	
13493	L Cret J-2 zone	
13494	L Cret J-2 zone	
13495	L Cret J-2 zone	
13496	L Cret J-2 zone	
13497	L Cret J-2 zone	
13498	L Cret J-2 zone	
13499	L Cret J-2 zone	
13500	L Cret J-2 zone	
13501	L Cret J-2 zone	
13502	L Cret J-2 zone	
13503	L Cret J-2 zone	
13504	L Cret J-2 zone	
13505	L Cret J-2 zone	
13506	L Cret J-2 zone	
13507	L Cret J-2 zone	
13508	L Cret J-2 zone	
13509	L Cret J-2 zone	
13510	L Cret J-2 zone	
13511	L Cret J-2 zone	
13512	L Cret J-2 zone	
13513	L Cret J-2 zone	
13514	L Cret J-2 zone	
13515	L Cret J-2 zone	
13516	L Cret J-2 zone	

	I	M
1	ONE/SERIES/AGT	
13517	L Cret J-2 zone	
13518	L Cret J-2 zone	
13519	L Cret J-2 zone	
13520	L Cret J-2 zone	
13521	L Cret J-2 zone	
13522	L Cret J-2 zone	
13523	L Cret J-2 zone	
13524	L Cret J-2 zone	
13525	not diagnostic	
13526	L Cret J zone	
13527	prob L Cret J zone	
13528	prob L Cret J zone	
13529	L Cret J zone	
13530	no paleo info	
13531	no paleo info	
13532	no paleo info	
13533	no paleo info	
13534	no paleo info	
13535	no paleo info	
13536	no paleo info	
13537	no paleo info	
13538	no paleo info	
13539	L Cret J-2 zone	
13540	L Cret J-2 zone	
13541	not diagnostic	
13542	L Cret J-2 zone	
13543	U Cret I zone	
13544	poss U Cretaceous	
13545	poss U Cretaceous	
13546	not diagnostic	
13547	not diagnostic	
13548	L Cret J zone	
13549	L Cret J zone	
13550	L Cret J zone	
13551	not diagnostic	
13552	U Cret H zone	
13553	U Cret H zone	
13554	U Cret H zone	
13555	U Cret H zone	
13556	U Cret prob I zone	
13557	U Cret H/I zones	
13558	U Cret H/I zones	
13559	U Cret H/I zones	
13560	U Cret H/I zones	
13561	U Cret H/I zones	
13562	U Cret H/I zones	
13563	U Cret H/I zones	
13564	U Cret H/I zones	
13565	U Cret H/I zones	
13566	U Cret H/I zones	
13567	U Cret H/I zones	
13568	U Cret H/I zones	
13569	L Cret J zone	
13570	L Cret J zone	
13571	L Cret J zone	
13572	L Cret J zone	
13573	L Cret J zone	
13574	L Cret J zone	
13575	L Cret J zone	
13576	L Cret J zone	
13577	L Cret J zone	
13578	L Cret J zone	
13579	L Cret J-1 zone	
13580	L Cret J-1 zone	
13581	L Cret J zone	
13582	L Cret J zone	
13583	L Cret J zone	
13584	L Cret J zone	
13585	L Cret J zone	
13586	L Cret J zone	
13587	L Cret J zone	
13588	L Cret J-1 zone	
13589	L Cret J-1 zone	
13590	L Cret J zone	
13591	L Cret J zone	
13592	L Cret J zone	
13593	L Cret J zone	
13594	L Cret J zone	
13595	U Cret H zone	
13597	U Cret H zone	
13598	U Cret H zone	
13599	U Cret H zone	
13600	U Cret H zone	
13601	U Cret H zone	
13602	U Cret H zone	

	I	M
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13603	U Cret H zone	
13604	U Cret H zone	
13605	U Cret H zone	
13606	U Cret H zone	
13607	U Cret H zone	
13608	U Cret H zone	
13609	U Cret H zone	
13610	U Cret H zone	
13611	U Cret H zone	
13612	U Cret H zone	
13613	U Cret H zone	
13614	U Cret H zone	
13615	U Cret H zone	
13616	U Cret H zone	
13617	U Cret H zone	
13618	U Cret H zone	
13619	U Cret H zone	
13620	U Cret H zone	
13621	U Cret H zone	
13622	U Cret H zone	
13623	U Cret H/I zones	
13624	U Cret H/I zones	
13625	U Cret H/I zones	
13626	U Cret H/I zones	
13627	U Cret H/I zones	
13628	U Cret H/I zones	
13629	U Cret H/I zones	
13630	U Cret H/I zones	
13631	U Cret H/I zones	
13632	U Cret H/I zones	
13633	U Cret H/I zones	
13634	U Cret H/I zones	
13635	U Cret H/I zones	
13636	U Cret H/I zones	
13637	U Cret H/I zones	
13638	U Cret H/I zones	
13639	U Cret I zone	
13640	U Cret I zone	
13641	U Cret I zone	
13642	U Cret H/I zones	
13643	U Cret H/I zones	
13644	U Cret H/I zones	
13645	U Cret H/I zones	
13646	U Cret H/I zones	
13647	U Cret H/I zones	
13648	U Cret H/I zones	
13649	U Cret H/I zones	
13650	U Cret H/I zones	
13651	U Cret H/I zones	
13652	U Cret H/I zones	
13653	U Cret H/I zones	
13654	L Cret J-1 zone	
13655	U Cret H/I zones	
13656	U Cret H/I zones	
13657	U Cret H/I zones	
13658	U Cret H/I zones	
13659	U Cret H/I zones	
13660	U Cret H/I zones	
13661	U Cret H/I zones	
13662	U Cret H/I zones	
13663	U Cret H/I zones	
13664	U Cret H/I zones	
13665	U Cret H/I zones	
13666	U Cret H/I zones	
13667	L Cret J-1 zone	
13668	not diagnostic	
13669	not diagnostic	
13670	not diagnostic	
13671	not diagnostic	
13672	U Cret I zone	
13673	U Cret I zone	
13674	U Cret I zone	
13675	U Cret I zone	
13676	U Cret I zone	
13677	U Cret I zone	
13678	U Cret I zone	
13679	U Cret I zone	
13680	U Cret I zone	
13681	not diagnostic	
13682	not diagnostic	
13683	Cret I/J zones	
13684	Cret I/J zones	
13685	Cret I/J zones	
13686	Cret I/J zones	
13687	Cret I/J zones	

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13688	Cret I/J zones	
13689	Cret I/J zones	
13690	Cret I/J zones	
13691	Cret I/J zones	
13692	Cret I/J zones	
13693	L Cret J-1 zone	
13694	L Cret J-1 zone	
13695	L Cret J-1 zone	
13696	L Cret J-1 zone	
13697	L Cret J-1 zone	
13698	L Cret J-1 zone	
13699	L Cret J-1 zone	
13700	L Cret J-1 zone	
13701	L Cret J-1 zone	
13702	L Cret J-1 zone	
13703	L Cret J-1 zone	
13704	L Cret J-1 zone	
13705	L Cret J-1 zone	
13706	not diagnostic	
13707	U Cret F/G zone	
13708	U Cret F/G zone	
13709	not diagnostic	
13710	not diagnostic	
13711	not diagnostic	
13712	not diagnostic	
13713	not diagnostic	
13714	U Eocene A zone	
13715	Lower Miocene	
13716	not diagnostic	
13717	not diagnostic	
13718	Lower Zemorrian	
13719	Lower Zemorrian	
13720	not diagnostic	
13721	Lower Zemorrian	
13722	not diagnostic	
13723	not diagnostic	
13724	barren	
13725	Zem/Saucesian	
13726	Upper Eocene	
13727	Upper Eocene	
13728	Upper Eocene	
13729	not diagnostic	
13730	prob Eocene	
13731	not diagnostic	
13732	poss L Miocene	
13733	U Eocene	
13734	U Eocene	
13735	not diagnostic	
13736	not diagnostic	
13737	not diagnostic	
13738	poss Eocene	
13739	Pliocene	
13740	Pliocene	
13741	Pliocene	
13742	Pliocene	
13743	Pliocene	
13744	Pliocene	
13745	Pliocene	
13746	Pliocene	
13747	Pliocene	
13748	Pliocene	
13749	Pliocene	
13750	Paleocene E zone	
13751	Paleocene E zone	
13752	Paleocene E zone	
13753	Paleocene E zone	
13754	no age provided	
13755	no ages given	
13756	no ages given	
13757	no ages given	
13758	no paleo info	
13759	no paleo info	
13760	no paleo info	
13761	no paleo info	
13762	no paleo info	
13763	no paleo info	
13764	no paleo info	
13765	Eocene	
13766	Eocene	
13767	not diagnostic	
13768	Eocene	
13769	Relizian	
13770	not diagnostic	
13771	not diagnostic	
13772	Upper Miocene	

	I	M
1	ONE/SERIES/AGF	
13773	not diagnostic	
13774	not diagnostic	
13775	M Eocene A-2 zon	
13776	Saucesian	
13777	not diagnostic	
13778	not diagnostic	
13779	poss Refugian	
13780	Saucesian?	
13781	not diagnostic	
13782	barren	
13783	M Eocene A-2 zon	
13784	M Eocene A-2 zon	
13785	Cretaceous?	
13786	Upper Cretaceous	
13787	Upper Cretaceous	
13788	no paleo info	
13789	Eocene	
13790	Lower Relizian	
13791	Lower Relizian	
13792	barren	
13793	barren	
13794	Upper Cretaceous	
13795	no paleo info	
13796	no paleo info	
13797	not diagnostic	
13798	M Eocene A-2	
13799	M Eocene A-2	
13800	poss Upper Mioce	
13801	not diagnostic	
13802	Mohnian	
13803	Saucesian	
13804	not diagnostic	
13805	Mohnian	
13806	Relizian	
13807	Relizian	
13808	Lower Mohnian	
13809	Eocene	
13810	Eocene	
13811	no paleo info	
13812	no paleo info	
13813	no paleo info	
13814	Paleocene	
13815	Cretaceous	
13816	Lower Relizian	
13817	no paleo info	
13818	no paleo info	
13819	not diagnostic	
13820	Upper Mohnian	
13821	Upper Mohnian	
13822	Upper Mohnian	
13823	Middle Mohnian	
13824	Middle Mohnian	
13825	Middle Mohnian	
13826	Middle Mohnian	
13827	Middle Mohnian	
13828	Middle Mohnian	
13829	Middle Mohnian	
13830	Middle Mohnian	
13831	Middle Mohnian	
13832	Middle Mohnian	
13833	Middle Mohnian	
13834	Middle Mohnian	
13835	Eocene	
13836	Eocene	
13837	Eocene	
13838	Eocene	
13839	U Eocene A-2 zon	
13840	U Eocene A-2 zon	
13841	U Eocene A-2 zon	
13842	not diagnostic	
13843	not diagnostic	
13844	U Eocene A-1 zon	
13845	not diagnostic	
13846	Eocene	
13847	not diagnostic	
13848	no paleo info	
13849	no paleo info	
13850	no paleo info	
13851	no paleo info	
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13856	no paleo info	
13857	no paleo info	

	I	M
1	ONE/SERIES/AGF	
13858	no paleo info	
13859	no paleo info	
13860	no paleo info	
13861	no paleo info	
13862	Upper Cretaceous	
13863	no paleo info	
13864	no paleo info	
13865	no paleo info	
13866	no paleo info	
13867	no paleo info	
13868	no paleo info	
13869	Zemorrian/Sauc	
13870	Relizian	
13871	not diagnostic	
13872	Upper Relizian	
13873	not diagnostic	
13874	not diagnostic	
13875	Luisian	
13876	Luisian	
13877	Relizian	
13878	Middle Miocene	
13879	barren	
13880	Relizian	
13881	prob Luisian	
13882	Saucesian/Relizian	
13883	prob Saucesian	
13884	Miocene	
13885	Lower Mohnian	
13886	Saucesian	
13887	no paleo info	
13888	no paleo info	
13889	no paleo info	
13890	Pliocene/Miocene	
13891	not diagnostic	
13892	Pliocene/Miocene	
13893	Luisian	
13894	Pliocene	
13895	Pliocene	
13896	Pliocene	
13897	Pliocene	
13898	Pliocene	
13899	Pliocene	
13900	Pliocene	
13901	Pliocene	
13902	Pliocene	
13903	Pliocene	
13904	Pliocene	
13905	Pliocene	
13906	Pliocene	
13907	Pliocene	
13908	Pliocene	
13909	Pliocene	
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13912	Pliocene	
13913	Pliocene	
13914	Pliocene	
13915	Pliocene	
13916	Pliocene	
13917	Pliocene	
13918	Pliocene	
13919	Pliocene	
13920	Pliocene	
13921	Pliocene	
13922	Pliocene	
13923	Pliocene	
13924	Pliocene	
13925	Pliocene	
13926	Pliocene	
13927	Pliocene	
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13930	Pliocene	
13931	Pliocene	
13932	Pliocene	
13933	Pliocene	
13934	Pliocene	
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13936	Pliocene	
13937	Pliocene	
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13939	Pliocene	
13940	Pliocene	
13941	Pliocene	
13942	Pliocene	

	I	M
1	ONE/SERIES/AG	
13943	Pliocene	
13944	Pliocene	
13945	Pliocene	
13946	Pliocene	
13947	Pliocene	
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13949	Pliocene	
13950	Pliocene	
13951	Pliocene	
13952	Pliocene	
13953	Pliocene	
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13955	Pliocene	
13956	Pliocene	
13957	Pliocene	
13958	Pliocene	
13959	Pliocene	
13960	Pliocene	
13961	Pliocene	
13962	Pliocene	
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13964	Pliocene	
13965	Pliocene	
13966	Pliocene	
13967	Pliocene	
13968	Pliocene	
13969	Pliocene	
13970	Pliocene	
13971	Pliocene	
13972	Pliocene	
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13974	Pliocene	
13975	Pliocene	
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13977	Pliocene	
13978	Pliocene	
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13982	Pliocene	
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13984	Pliocene	
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13989	Pliocene	
13990	Pliocene	
13991	Pliocene	
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13996	Pliocene	
13997	Pliocene	
13998	Pliocene	
13999	Pliocene	
14000	Pliocene	
14001	Pliocene	
14002	Pliocene	
14003	Pliocene	
14004	Pliocene	
14005	Pliocene	
14006	Pliocene	
14007	Pliocene	
14008	Pliocene	
14009	Pliocene	
14010	Pliocene	
14011	Pliocene	
14012	Pliocene	
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14364	Lower Mohnian	
14365	Lower Mohnian	
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14412	Lower Mohnian	
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14418	Lower Mohnian	
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14465	Zemorrian	
14466	poss L Miocene	
14467	Upper Eocene	
14468	not diagnostic	
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14470	not diagnostic	
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14472	Miocene	
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14480	U Cret G-1 zone	
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14483	Upper Cret I zone	
14484	Upper Cret I zone	
14485	Upper Cret I zone	
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14487	U Cret I or J zone	
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14506	U Cret I or J zone	
14507	L Cret J-2 zone	
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1	ONE/SERIES/AGF	
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14539	Lower Cret L zone	
14540	Lower Cret L zone	
14541	Lower Cret L zone	
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14621	Lower Saucesian	
14622	Lower Relizian	

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16183	U Cret F-2 zone	
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16193	U Cret F-2 zone	
16194	not diagnostic	
16195	U Cret F-2 zone	
16196	Lower Zemorrian	
16197	Zemorrian	
16198	Upper Zemorrian	
16199	barren of forams	
16200	Saucesian	
16201	Lower Miocene	
16202	Saucesian	
16203	Upper Miocene	
16204	Saucesian	
16205	Saucesian/Relizian	
16206	Lower Saucesian	
16207	Lower Miocene	
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16214	Lower Miocene	
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16216	Saucesian/Reliz	
16217	Lower Miocene	
16218	Lower Zemorrian	
16219	poss M Miocene	
16220	Zemorrian	
16221	Lower Relizian	
16222	prob L Zemorrian	
16223	Lower Saucesian	
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16225	Zemorrian	
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16227	Lower Miocene	
16228	prob Zemorrian	
16229	U Eocene A zone	
16230	prob U Eocene	
16231	Lower Zemorrian	
16232	Zemorrian	
16233	Upper Zemorrian	
16234	Zemorrian	
16235	Upper Zemorrian	
16236	U Zem or L Sauce	
16237	U Zem or L Sauce	

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1	ONE/SERIES/AGF	
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16239	Upper Zemorrian	
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16266	poss Mio/Plio	
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16268	poss Mio/Plio	
16269	Pliocene	
16270	Pliocene	
16271	Pliocene	
16272	Pliocene	
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16274	Miocene/Pliocene	
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16278	Miocene/Pliocene	
16279	Miocene/Pliocene	
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16283	Upper Miocene	
16284	poss U Miocene	
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16296	Paleocene	
16297	Eocene C zone	
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16332	not diagnostic	
16333	not diagnostic	
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16335	U Cret F-1 zone	
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16337	not diagnostic	
16338	U Cret F-1 zone	
16339	not diagnostic	
16340	not diagnostic	
16341	L Cret J zone	
16342	not diagnostic	
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16344	Cret G-2	
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16346	Cret G-2	
16347	Cret G-2	
16348	Cret G-2	
16349	Cret G-2	
16350	Upper Cretaceous	
16351	Upper Cretaceous	
16352	Upper Cretaceous	
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16354	Upper Cretaceous	
16355	Upper Cretaceous	
16356	Upper Cretaceous	
16357	Upper Cretaceous	
16358	Upper Cretaceous	
16359	Upper Cretaceous	
16360	U Cret prob G-2	
16361	U Cret prob G-2	
16362	U Cret prob G-2	
16363	U Cret prob G-1	
16364	U Cret prob G-1	
16365	U Cret prob G-1	
16366	U Cret prob G-1	
16367	U Cret prob G-1	
16368	Upper Cretaceous	
16369	U Cretaceous	
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16371	U Cretaceous	
16372	U Cretaceous	
16373	U Cretaceous	
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16380	not diagnostic	
16381	Pleistocene	
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16387	Saucesian	
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16389	Saucesian	
16390	Luisian/Mohnian	
16391	Luisian/Mohnian	
16392	Luisian/Mohnian	
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16399	Luisian/Mohnian	
16400	Luisian/Mohnian	
16401	Luisian/Mohnian	
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1	ONE/SERIES/AG	
16408	Luisian/Mohnian	
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16423	Luisian/Mohnian	
16424	Luisian/Mohnian	
16425	Luisian/Mohnian	
16426	Luisian/Mohnian	
16427	Luisian/Mohnian	
16428	Luisian/Mohnian	
16429	Luisian/Mohnian	
16430	Luisian/Mohnian	
16431	Luisian/Mohnian	
16432	Luisian/Mohnian	
16433	Luisian/Mohnian	
16434	Luisian/Mohnian	
16435	Luisian/Mohnian	
16436	Luisian/Mohnian	
16437	Luisian/Mohnian	
16438	Luisian/Mohnian	
16439	Luisian/Mohnian	
16440	Luisian/Mohnian	
16441	Luisian/Mohnian	
16442	Luisian/Mohnian	
16443	Luisian/Mohnian	
16444	Luisian/Mohnian	
16445	Luisian/Mohnian	
16446	Luisian/Mohnian	
16447	Luisian/Mohnian	
16448	Luisian/Mohnian	
16449	Luisian/Mohnian	
16450	Luisian/Mohnian	
16451	Pliocene	
16452	Pliocene	
16453	Pliocene	
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16457	Pliocene	
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16459	Pliocene	
16460	Pliocene	
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16479	Pliocene	
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16485	Pliocene	
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16487	Pliocene	
16488	Pliocene	
16489	Pliocene	
16490	Pliocene	
16491	Pliocene	
16492	Pliocene	

	I	M
1	ONE/SERIES/AGT	
16493	Pliocene	
16494	Pliocene	
16495	Pliocene	
16496	Pliocene	
16497	Pliocene	
16498	Pliocene	
16499	Pliocene	
16500	Pliocene	
16501	Pliocene	
16502	Pliocene	
16503	Pliocene	
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16512	Pliocene	
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16516	Pliocene	
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16523	Pliocene	
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16527	Pliocene	
16528	Pliocene	
16529	Pliocene	
16530	Pliocene	
16531	Pliocene	
16532	Pliocene	
16533	Pliocene	
16534	Pliocene	
16535	Pliocene	
16536	Pliocene	
16537	Pliocene	
16538	Pliocene	
16539	Pliocene	
16540	Pliocene	
16541	Pliocene	
16542	Pliocene	
16543	Upper Saucesian	
16544	Upper Saucesian	
16545	no paleo info	
16546	no paleo info	
16547	no paleo info	
16548	no paleo info	
16549	no paleo info	
16550	no paleo info	
16551	no paleo info	
16552	no paleo info	
16553	Lower Mohnian	
16554	Lower Mohnian	
16555	Lower Mohnian	
16556	Lower Mohnian	
16557	Lower Mohnian	
16558	Mohnian	
16559	Mohnian	
16560	Luisian	
16561	Saucesian	
16562	barren	
16563	Pliocene	
16564	Pliocene	
16565	no paleo info	
16566	no paleo info	
16567	no paleo info	
16568	no paleo info	
16569	no paleo info	
16570	Zemorrian	
16571	Zemorrian	
16572	not diagnostic	
16573	Relizian	
16574	Relizian	
16575	Relizian	
16576	Saucesian	
16577	Saucesian	

	I	M
1	ONE/SERIES/AGT	
16578	Zemorrian	
16579	Lower Relizian	
16580	Zemorrian	
16581	Miocene/Pliocene	
16582	not diagnostic	
16583	barren	
16584	not diagnostic	
16585	Mohnian	
16586	Pliocene	
16587	no paleo info	
16588	not diagnostic	
16589	Lower Cretaceous	
16590	Lower Cretaceous	
16591	Lower Cretaceous	
16592	Jurassic M zone	
16593	Jurassic M zone	
16594	not diagnostic	
16595	Upper Eocene	
16596	prob L. Miocene	
16597	prob Eocene	
16598	prob Eocene A zone	
16599	not diagnostic	
16600	no paleo info	
16601	no paleo info	
16602	no paleo info	
16603	no paleo info	
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16612	no paleo info	
16613	no paleo info	
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16615	no paleo info	
16616	no paleo info	
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16636	no paleo info	
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16655	no paleo info	
16656	no paleo info	
16657	no paleo info	
16658	no paleo info	
16659	no paleo info	
16660	no paleo info	
16661	Eocene	
16662	Eocene	

	I	M
1	ONE/SERIES/AGE	
16663	Eocene	
16664	Eocene	
16665	Eocene	
16666	Eocene	
16667	Eocene B-4 zone	
16668	Eocene	
16669	Eocene	
16670	Eocene	
16671	Eocene	
16672	Eocene	
16673	Eocene	
16674	Eocene	
16675	Eocene	
16676	Eocene	
16677	Eocene	
16678	Eocene	
16679	Eocene	
16680	Eocene	
16681	Eocene	
16682	Eocene	
16683	Eocene	
16684	Eocene	
16685	Eocene	
16686	Eocene	
16687	Eocene	
16688	Eocene	
16689	Eocene	
16690	Eocene	
16691	Eocene	
16692	Eocene	
16693	Eocene	
16694	Eocene	
16695	Eocene	
16696	Eocene	
16697	Eocene	
16698	Eocene	
16699	Eocene	
16700	Eocene	
16701	Eocene	
16702	Eocene	
16703	Eocene	
16704	Eocene	
16705	Eocene	
16706	Eocene	
16707	Eocene	
16708	Eocene	
16709	Eocene	
16710	Eocene	
16711	Eocene	
16712	Eocene	
16713	Eocene	
16714	Eocene?	
16715	Eocene?	
16716	Eocene?	
16717	Eocene?	
16718	Eocene?	
16719	Eocene?	
16720	Eocene?	
16721	Eocene?	
16722	Eocene?	
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16724	Eocene?	
16725	Eocene?	
16726	Eocene?	
16727	Eocene?	
16728	Eocene?	
16729	Eocene?	
16730	Eocene?	
16731	Eocene?	
16732	Eocene?	
16733	Eocene?	
16734	Eocene?	
16735	Eocene?	
16736	Eocene?	
16737	Eocene?	
16738	Eocene?	
16739	Eocene?	
16740	Eocene?	
16741	Eocene?	
16742	Eocene?	
16743	Eocene?	
16744	Eocene?	
16745	Eocene?	
16746	Eocene?	
16747	Eocene?	

	I	M
1	ONE/SERIES/AG	
16748	Eocene?	
16749	Eocene?	
16750	Eocene?	
16751	Upper Cretaceous	
16752	Upper Cretaceous	
16753	Upper Cretaceous	
16754	Upper Cretaceous	
16755	Upper Cretaceous	
16756	Upper Cretaceous	
16757	Upper Cretaceous	
16758	Upper Cretaceous	
16759	Upper Cretaceous	
16760	Upper Cretaceous	
16761	Upper Cretaceous	
16762	Upper Cretaceous	
16763	Upper Cretaceous	
16764	Upper Cretaceous	
16765	Upper Cretaceous	
16766	Upper Cretaceous	
16767	Upper Cretaceous	
16768	Upper Cretaceous	
16769	Upper Cretaceous	
16770	Upper Cretaceous	
16771	Upper Cretaceous	
16772	Upper Cretaceous	
16773	Upper Cretaceous	
16774	Upper Cretaceous	
16775	Upper Cretaceous	
16776	Upper Cretaceous	
16777	Upper Cretaceous	
16778	Upper Cretaceous	
16779	Upper Cretaceous	
16780	Upper Cretaceous	
16781	Upper Cretaceous	
16782	Upper Cretaceous	
16783	Upper Cretaceous	
16784	Upper Cretaceous	
16785	Upper Cretaceous	
16786	Upper Cretaceous	
16787	Upper Cretaceous	
16788	Upper Cretaceous	
16789	Upper Cretaceous	
16790	Upper Cretaceous	
16791	Upper Cretaceous	
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16793	Upper Cretaceous	
16794	Upper Cretaceous	
16795	Upper Cretaceous	
16796	Upper Cretaceous	
16797	Upper Cretaceous	
16798	Upper Cretaceous	
16799	Upper Cretaceous	
16800	Upper Cretaceous	
16801	Upper Cretaceous	
16802	Upper Cretaceous	
16803	Upper Cretaceous	
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16805	Upper Cretaceous	
16806	Upper Cretaceous	
16807	Upper Cretaceous	
16808	Upper Cretaceous	
16809	Upper Cretaceous	
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16815	Upper Cretaceous	
16816	Upper Cretaceous	
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16818	Upper Cretaceous	
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16821	Upper Cretaceous	
16822	Upper Cretaceous	
16823	Upper Cretaceous	
16824	Upper Cretaceous	
16825	Upper Cretaceous	
16826	Upper Cretaceous	
16827	Upper Cretaceous	
16828	Upper Cretaceous	
16829	Upper Cretaceous	
16830	Upper Cretaceous	
16831	Upper Cretaceous	
16832	Upper Cretaceous	

	I	M
1	ONE/SERIES/AGT	
16833	Upper Cretaceous	
16834	Upper Cretaceous	
16835	Upper Cretaceous	
16836	Upper Cretaceous	
16837	Upper Cretaceous	
16838	Upper Cretaceous	
16839	Upper Cretaceous	
16840	Upper Cretaceous	
16841	Upper Cretaceous	
16842	Upper Cretaceous	
16843	Upper Cretaceous	
16844	Upper Cretaceous	
16845	Upper Cretaceous	
16846	Upper Cretaceous	
16847	Upper Cretaceous	
16848	Upper Cretaceous	
16849	Upper Cretaceous	
16850	Upper Cretaceous	
16851	Upper Cretaceous	
16852	Upper Cretaceous	
16853	Upper Cretaceous	
16854	Upper Cretaceous	
16855	Upper Cretaceous	
16856	Upper Cretaceous	
16857	Upper Cretaceous	
16858	Upper Cretaceous	
16859	Upper Cretaceous	
16860	Upper Cretaceous	
16861	Upper Cretaceous	
16862	Upper Cretaceous	
16863	Upper Cretaceous	
16864	Upper Cretaceous	
16865	Upper Cretaceous	
16866	Upper Cretaceous	
16867	Upper Cretaceous	
16868	Upper Cretaceous	
16869	Upper Cretaceous	
16870	Upper Cretaceous	
16871	Upper Cretaceous	
16872	Eocene	
16873	Eocene	
16874	Eocene	
16875	Eocene	
16876	Eocene	
16877	Eocene	
16878	Eocene	
16879	Eocene	
16880	Eocene	
16881	Eocene	
16882	Eocene	
16883	not diagnostic	
16884	Eocene	
16885	U Cret E zone	
16886	not diagnostic	
16887	not diagnostic	
16888	Paleocene E zone	
16889	Paleocene E zone	
16890	? Paleocene	
16891	U Cret?	
16892	Paleocene E zone	
16893	?Paleocene E zone	
16894	Paleocene D zone	
16895	barren	
16896	Eocene B zone	
16897	U Cret F-1 zone	
16898	U Cret G-1 zone	
16899	U Cret G-1 zone	
16900	not diagnostic	
16901	U Cret F-1 zone	
16902	U Cret F-1 zone	
16903	U Cret F-1 zone	
16904	Upper Cretaceous	
16905	mixed K and Eoc	
16906	Eocene	
16907	Eocene	
16908	Eocene	
16909	Eocene	
16910	?U Cret G-1 zone	
16911	?U Cret G-1 zone	
16912	?U Cret G-2 zone	
16913	not diagnostic	
16914	not diagnostic	
16915	not diagnostic	
16916	no paleo info	
16917	Upper Cretaceous	

	I	M
1	ONE/SERIES/AGI	
16918	E Eocene A-2 zone	
16919	Paleocene/Eocene	
16920	not diagnostic	
16921	not diagnostic	
16922	Cret/Paleocene	
16923	Cret/Paleocene	
16924	Cret/Paleocene	
16925	Cret/Paleocene	
16926	poss Delmontian	
16927	Cret/Paleocene	
16928	Cret/Paleocene	
16929	Cret/Paleocene	
16930	no paleo info	
16931	no paleo info	
16932	no paleo info	
16933	Pleistocene?	
16934	Eocene	
16935	Cret/Paleocene	
16936	Pleistocene?	
16937	Pleistocene?	
16938	Pleistocene?	
16939	Pleistocene?	
16940	Pleistocene?	
16941	Cret/Paleocene	
16942	Cretaceous?	
16943	Cretaceous	
16944	Paleocene?	
16945	barren	
16946	Cretaceous?	
16947	barren	
16948	not diagnostic	
16949	not diagnostic	
16950	Cret/Paleocene	
16951	Cretaceous	
16952	Eocene?	
16953	Cret/Paleocene	
16954	barren	
16955	barren	
16956	barren	
16957	not diagnostic	
16958	not diagnostic	
16959	U eocene A-1 zone	
16960	barren	
16961	Miocene	
16962	not diagnostic	
16963	Cret/Paleocene	
16964	Eocene?	
16965	barren	
16966	Eocene	
16967	Eocene?	
16968	Eocene?	
16969	possibly Eocene	
16970	possibly Eocene	
16971	not diagnostic	
16972	Eocene	
16973	not diagnostic	
16974	not diagnostic	
16975	Eocene	
16976	barren	
16977	possibly Eocene	
16978	possibly Eocene	
16979	possibly Eocene	
16980	possibly Eocene	
16981	possibly Eocene	
16982	barren	
16983	possibly Eocene	
16984	possibly Eocene	
16985	Cretaceous	
16986	U Cret H zone	
16987	poss Paleocene	
16988	U Cret H zone	
16989	U Cret H zone	
16990	not diagnostic	
16991	not diagnostic	
16992	Cretaceous	
16993	Cretaceous	
16994	Cretaceous	
16995	Cretaceous	
16996	Cretaceous	
16997	not diagnostic	
16998	Eocene B zone	
16999	Eocene B zone	
17000	L? Cretaceous	
17001	L? Cretaceous	
17002	prob U Miocene	

	I	M
1	ONE/SERIES/AGI	
17003	no paleo info	
17004	no paleo info	
17005	no paleo info	
17006	no paleo info	
17007	no paleo info	
17008	no paleo info	
17009	no paleo info	
17010	no paleo info	
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17021	no paleo info	
17022	no paleo info	
17023	no paleo info	
17024	no paleo info	
17025	no paleo info	
17026	no paleo info	
17027	no paleo info	
17028	no paleo info	
17029	no paleo info	
17030	Miocene	
17031	Miocene	
17032	Miocene	
17033	no age provided	
17034	no age provided	
17035	no age provided	
17036	no age provided	
17037	no age provided	
17038	no age provided	
17039	no age provided	
17040	no age provided	
17041	no age provided	
17042	no age provided	
17043	no paleo info	
17044	no paleo info	
17045	M Miocene?	
17046	barren	
17047	barren	
17048	Luisian	
17049	Luisian	
17050	indeterminate	
17051	no paleo info	
17052	indeterminate	
17053	no paleo info	
17054	no paleo info	
17055	ostracods etc	
17056	no paleo info	
17057	no paleo info	
17058	no paleo info	
17059	no paleo info	
17060	no paleo info	
17061	no paleo info	
17062	no paleo info	
17063	Pliocene	
17064	Middle Miocene	
17065	Middle Miocene	
17066	Middle Miocene	
17067	Middle Miocene	
17068	Middle Miocene	
17069	Middle Miocene	
17070	Middle Miocene	
17071	Middle Miocene	
17072	Middle Miocene	
17073	Middle Miocene	
17074	Middle Miocene	
17075	Middle Miocene	
17076	Middle Miocene	
17077	Middle Miocene	
17078	Middle Miocene	
17079	Mohnian	
17080	U Jurassic M zone	
17081	U Jurassic M zone	
17082	U Jurassic M zone	
17083	U Jurassic M zone	
17084	U Jurassic M zone	
17085	U Jurassic M zone	
17086	U Jurassic M zone	

	I	M
1	ONE/SERIES/AGF	
17087	U Jurassic M zone	
17088	U Jurassic M zone	
17089	U Jurassic M zone	
17090	U Jurassic M zone	
17091	U Jurassic M zone	
17092	U Jurassic M zone	
17093	U Jurassic M zone	
17094	U Jurassic M zone	
17095	U Jurassic M zone	
17096	U Jurassic M zone	
17097	U Jurassic M zone	
17098	U Jurassic M zone	
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17102	U Jurassic M zone	
17103	U Jurassic M zone	
17104	U Jurassic M zone	
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17111	U Jurassic M zone	
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17113	U Jurassic M zone	
17114	U Jurassic M zone	
17115	U Jurassic M zone	
17116	U Jurassic M zone	
17117	U Jurassic M zone	
17118	U Jurassic M zone	
17119	U Jurassic M zone	
17120	U Jurassic M zone	
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17123	U Jurassic M 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	
17129	L Cret L zone	
17130	L Cret L zone	
17131	L Cret L zone	
17132	L Cret L zone	
17133	L Cret L zone	
17134	L Cret L zone	
17135	L Cret L zone	
17136	L Cret L zone	
17137	L Cret L zone	
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17141	L Cret L zone	
17142	L Cret L zone	
17143	L Cret L zone	
17144	L Cret L zone	
17145	L Cret L zone	
17146	L Cret L zone	
17147	L Cret L zone	
17148	L Cret L zone	
17149	L Cret K zone	
17150	L Cret K zone	
17151	L Cret K zone	
17152	L Cret K zone	
17153	L Cret K zone	
17154	L Cret K zone	
17155	L Cret K zone	
17156	L Cret K zone	
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17159	L Cret K zone	
17160	L Cret K zone	
17161	L Cret K zone	
17162	L Cret K zone	
17163	L Cret K zone	
17164	L Cret K zone	
17165	L Cret K zone	
17166	L Cret K zone	
17167	L Cret K zone	
17168	L Cret K zone	
17169	L Cret J-2 zone	
17170	barren	
17171	Upper Miocene?	

	I	M
1	ONE/SERIES/AGT	
17172	Lower Mohnian	
17173	not diagnostic	
17174	not diagnostic	
17175	Relizian	
17176	Relizian	
17177	not diagnostic	
17178	Middle Mohnian	
17179	Middle Mohnian	
17180	Lower Relizian	
17181	barren	
17182	Middle Miocene	
17183	not diagnostic	
17184	Miocene	
17185	Lower Luisian	
17186	Zem/Saucesian	
17187	no paleo info	
17188	no paleo info	
17189	no paleo info	
17190	no paleo info	
17191	no paleo info	
17192	no paleo info	
17193	Refugian	
17194	no paleo info	
17195	barren	
17196	Eocene C zone	
17197	barren	
17198	no paleo info	
17199	no paleo info	
17200	Mohnian	
17201	not diagnostic	
17202	Upper Zemorrian	
17203	Lower Zemorrian	
17204	Eocene	
17205	Luisian	
17206	not diagnostic	
17207	Middle Mohnian	
17208	Middle Mohnian	
17209	Mohnian	
17210	Mohnian	
17211	Zemorrian	
17212	no paleo info	
17213	no paleo info	
17214	no paleo info	
17215	no paleo info	
17216	no paleo info	
17217	no paleo Info	
17218	no paleo Info	
17219	no paleo Info	
17220	U Cret F-2 zone	
17221	U Cret G zone	
17222	no paleo info	
17223	barren	
17224	barren	
17225	barren	
17226	not diagnostic	
17227	not diagnostic	
17228	not diagnostic	
17229	not diagnostic	
17230	not diagnostic	
17231	not diagnostic	
17232	not diagnostic	
17233	not diagnostic	
17234	U Cret F-1/G-1	
17235	U Cret F-1/G-1	
17236	U Cret F-1/G-1	
17237	U Cret F-1/G-1	
17238	U Cret F-1/G-1	
17239	U Cret F-1/G-1	
17240	U Cret F-1/G-1	
17241	U Cret F-1/G-1	
17242	U Cret F-1/G-1	
17243	not diagnostic	
17244	not diagnostic	
17245	not diagnostic	
17246	not diagnostic	
17247	not diagnostic	
17248	U Cret G-1 zone	
17249	U Cret G-1 zone	
17250	U Cret G-1 zone	
17251	U Cret G-1 zone	
17252	U Cret G-1 zone	
17253	U Cret G-1 zone	
17254	not diagnostic	
17255	U Cret F-1/G-1	
17256	not diagnostic	

	I	M
1	ONE/SERIES/AGT	
17257	not diagnostic	
17258	not diagnostic	
17259	not diagnostic	
17260	not diagnostic	
17261	not diagnostic	
17262	not diagnostic	
17263	not diagnostic	
17264	U Cret H zone	
17265	U Cret H zone	
17266	U Cret H zone	
17267	U Cret H zone	
17268	U Cret H zone	
17269	U Cret H zone	
17270	U Cret H zone	
17271	U Cret H zone	
17272	U Cret H zone	
17273	U Cret H zone	
17274	U Cret H zone	
17275	U Cret H zone	
17276	U Cret H zone	
17277	U Cret H zone	
17278	U Cret H zone	
17279	U Cret H zone	
17280	U Cret H zone	
17281	U Cret H zone	
17282	U Cret H zone	
17283	U Cret H zone	
17284	U Cret H zone	
17285	U Cret H zone	
17286	U Cret H zone	
17287	U Cret H zone	
17288	U Cret H zone	
17289	U Cret H zone	
17290	U Cret H zone	
17291	U Cret H zone	
17292	U Cret H zone	
17293	U Cret H zone	
17294	U Cret H zone	
17295	U Cret H zone	
17296	U Cret H zone	
17297	U Cret H zone	
17298	U Cret H zone	
17299	U Cret H zone	
17300	U Cret H zone	
17301	U Cret H zone	
17302	U Cret H zone	
17303	U Cret G-1 zone	
17304	U Cret G-1 zone	
17305	U Cret F-1/G-1	
17306	U Cret G-1 zone	
17307	not diagnostic	
17308	not diagnostic	
17309	not diagnostic	
17310	not diagnostic	
17311	not diagnostic	
17312	not diagnostic	
17313	not diagnostic	
17314	not diagnostic	
17315	not diagnostic	
17316	not diagnostic	
17317	not diagnostic	
17318	not diagnostic	
17319	not diagnostic	
17320	not diagnostic	
17321	planktic Cret	
17322	no paleo info	
17323	Cretaceous	
17324	planktic Cret	
17325	planktic Cret	
17326	not diagnostic	
17327	not diagnostic	
17328	not diagnostic	
17329	planktic Cret	
17330	not diagnostic	
17331	not diagnostic	
17332	planktic Cret	
17333	planktic Cret	
17334	not diagnostic	
17335	not diagnostic	
17336	U Cret H zone	
17337	Paleocene E zone	
17338	Paleocene E zone	
17339	Paleocene E zone	
17340	Paleocene E zone	
17341	Paleocene E zone	

	I	M
1	ONE/SERIES/AGF	
17342	Paleocene E zone	
17343	Paleocene E zone	
17344	Paleocene E zone	
17345	not diagnostic	
17346	not diagnostic	
17347	not diagnostic	
17348	not diagnostic	
17349	not diagnostic	
17350	not diagnostic	
17351	not diagnostic	
17352	not diagnostic	
17353	not diagnostic	
17354	not diagnostic	
17355	not diagnostic	
17356	not diagnostic	
17357	no paleo info	
17358	no paleo info	
17359	no paleo info	
17360	no paleo info	
17361	no paleo info	
17362	no paleo info	
17363	no paleo info	
17364	no paleo info	
17365	no paleo info	
17366	no paleo info	
17367	no paleo info	
17368	no paleo info	
17369	no paleo info	
17370	no paleo info	
17371	U Cret E/F zones	
17372	U Cret D/E zone	
17373	Upper Cretaceous	
17374	Upper Cretaceous	
17375	U Cret D/E zone	
17376	U Cret D/E zone	
17377	not diagnostic	
17378	not diagnostic	
17379	not diagnostic	
17380	U Cret D/E zone	
17381	Miocene	
17382	Miocene	
17383	Miocene	
17384	Miocene	
17385	poss Mohnian	
17386	Luisian	
17387	no paleo info	
17388	no paleo info	
17389	Luisian	
17390	no paleo info	
17391	Mohnian	
17392	Mohnian	
17393	not diagnostic	
17394	not diagnostic	
17395	not diagnostic	
17396	not diagnostic	
17397	not diagnostic	
17398	Mohnian	
17399	no paleo info	
17400	Eocene	
17401	Eocene	
17402	Lower Mohnian	
17403	Eocene	
17404	Luisian	
17405	?Luisian	
17406	Paleocene	
17407	Paleocene	
17408	Paleocene	
17409	Paleocene	
17410	not diagnostic	
17411	not diagnostic	
17412	Eocene	
17413	Eocene	
17414	barren	
17415	barren	
17416	barren	
17417	Paleocene	
17418	Eocene	
17419	Eocene	
17420	Eocene	
17421	Eocene	
17422	Eocene	
17423	Eocene	
17424	Eocene	
17425	Eocene	
17426	Eocene	

	I	M
1	ONE/SERIES/AGI	
17427	Eocene	
17428	Eocene	
17429	Eocene	
17430	Eocene	
17431	Paleocene	
17432	no paleo info	
17433	no paleo info	
17434	no paleo info	
17435	no paleo info	
17436	no paleo info	
17437	no paleo info	
17438	no paleo info	
17439	no paleo info	
17440	Mohnian?	
17441	no paleo info	
17442	no paleo info	
17443	no paleo info	
17444	no paleo info	
17445	no paleo info	
17446	no paleo info	
17447	no paleo info	
17448	no paleo info	
17449	no paleo info	
17450	no paleo info	
17451	no paleo info	
17452	no paleo info	
17453	no paleo info	
17454	no paleo info	
17455	no paleo info	
17456	no paleo info	
17457	no paleo info	
17458	no paleo info	
17459	no paleo info	
17460	no paleo info	
17461	Eocene	
17462	Eocene	
17463	Eocene	
17464	Paleocene?	
17465	Paleocene?	
17466	no paleo info	
17467	no paleo info	
17468	no paleo info	
17469	no paleo info	
17470	no paleo info	
17471	no paleo info	
17472	no paleo info	
17473	no paleo info	
17474	barren	
17475	L Cret J-2 zone	
17476	L Cret J-2 zone	
17477	L Cret J-2 zone	
17478	L Cret J-2 zone	
17479	L Cret J-2 zone	
17480	L Cret J-2 zone	
17481	L Cret J-2 zone	
17482	L Cret J-2 zone	
17483	L Cret J-2 zone	
17484	L Cret J-2 zone	
17485	L Cret J-2 zone	
17486	L Cret J-2 zone	
17487	L Cret J-2 zone	
17488	L Cret J-2 zone	
17489	L Cret J-2 zone	
17490	L Cret J-2 zone	
17491	L Cret J-2 zone	
17492	L Cret J-2 zone	
17493	L Cret J-2 zone	
17494	L Cret J-2 zone	
17495	L Cret J-2 zone	
17496	U Cret H zone	
17497	U Cret H zone	
17498	U Cret H zone	
17499	U Cret H zone	
17500	U Cret H zone	
17501	U Cret H zone	
17502	U Cret H zone	
17503	U Cret H zone	
17504	U Cret H zone	
17505	U Cret H zone	
17506	U Cret H zone	
17507	U Cret H zone	
17508	U Cret H zone	
17509	U Cret H zone	
17510	U Cret H zone	
17511	U Cret H zone	

	I	M
1	ONE/SERIES/AGT	
17512	U Cret H zone	
17513	U Cret H zone	
17514	U Cret H zone	
17515	U Cret H zone	
17516	U Cret H zone	
17517	U Cret H zone	
17518	U Cret H zone	
17519	U Cret H zone	
17520	not diagnostic	
17521	no paleo info	
17522	L Cret K zone	
17523	Lower Cretaceous	
17524	Prob U Cret	
17525	Prob U Cret	
17526	Prob U Cret	
17527	Prob U Cret	
17528	Prob U Cret	
17529	Prob U Cret	
17530	Prob U Cret	
17531	Prob U Cret	
17532	Prob U Cret	
17533	Prob U Cret	
17534	Prob U Cret	
17535	Prob U Cret	
17536	Prob U Cret	
17537	Prob U Cret	
17538	Prob U Cret	
17539	Prob U Cret	
17540	Prob U Cret	
17541	Prob U Cret	
17542	Prob U Cret	
17543	Prob U Cret	
17544	Prob U Cret	
17545	Prob U Cret	
17546	Prob U Cret	
17547	Prob U Cret	
17548	not diagnostic	
17549	not diagnostic	
17550	not diagnostic	
17551	not diagnostic	
17552	not diagnostic	
17553	not diagnostic	
17554	not diagnostic	
17555	not diagnostic	
17556	not diagnostic	
17557	not diagnostic	
17558	L Cret J-1 zone	
17559	not diagnostic	
17560	not diagnostic	
17561	not diagnostic	
17562	not diagnostic	
17563	not diagnostic	
17564	not diagnostic	
17565	not diagnostic	
17566	not diagnostic	
17567	not diagnostic	
17568	not diagnostic	
17569	L Cret K zone	
17570	L Cret K zone	
17571	L Cret K zone	
17572	L Cret K zone	
17573	L Cret K zone	
17574	L Cret K zone	
17575	L Cret K zone	
17576	L Cret K zone	
17577	L Cret K zone	
17578	L Cret K zone	
17579	L Cret K zone	
17580	L Cret K zone	
17581	L Cret K zone	
17582	L Cret K zone	
17583	L Cret K zone	
17584	L Cret K zone	
17585	L Cret K zone	
17586	Jur/Cret L/M zone	
17587	L Cret K zone	
17588	L Cret K zone	
17589	Lower Cretaceous	
17590	Lower Cret K zone	
17591	no paleo data	
17592	no paleo data	
17593	no paleo data	
17594	no paleo info	
17595	no paleo info	
17596	no paleo info	

	I	M
1	ONE/SERIES/AGI	
17597	no paleo info	
17598	no paleo info	
17599	no paleo info	
17600	no paleo info	
17601	no paleo info	
17602	no paleo info	
17603	no paleo info	
17604	no paleo info	
17605	no paleo info	
17606	no paleo info	
17607	no paleo info	
17608	no paleo info	
17609	no paleo info	
17610	no paleo info	
17611	no paleo info	
17612	no paleo info	
17613	no paleo info	
17614	no paleo info	
17615	no paleo info	
17616	no paleo info	
17617	no paleo info	
17618	no paleo info	
17619	no paleo info	
17620	no paleo info	
17621	no paleo info	
17622	no paleo info	
17623	no paleo info	
17624	no paleo info	
17625	no paleo info	
17626	no paleo info	
17627	no paleo info	
17628	no paleo info	
17629	no paleo info	
17630	no paleo info	
17631	no paleo info	
17632	no paleo info	
17633	no paleo info	
17634	no paleo info	
17635	no paleo info	
17636	no paleo info	
17637	no paleo info	
17638	no paleo info	
17639	no paleo info	
17640	no paleo info	
17641	no paleo info	
17642	no paleo info	
17643	no paleo info	
17644	no paleo info	
17645	no paleo info	
17646	no paleo info	
17647	no paleo info	
17648	no paleo info	
17649	no paleo info	
17650	no paleo info	
17651	no paleo info	
17652	no paleo info	
17653	no paleo info	
17654	no paleo info	
17655	no paleo info	
17656	no paleo info	
17657	no paleo info	
17658	no paleo info	
17659	no paleo info	
17660	no paleo info	
17661	no paleo info	
17662	no paleo info	
17663	no paleo info	
17664	no paleo info	
17665	no paleo info	
17666	no paleo info	
17667	no paleo info	
17668	no paleo info	
17669	no paleo info	
17670	no paleo info	
17671	no paleo info	
17672	no paleo info	
17673	no paleo info	
17674	no paleo info	
17675	no paleo info	
17676	no paleo info	
17677	no paleo info	
17678	no paleo info	
17679	no paleo info	
17680	no paleo info	
17681	no paleo info	

	I	M
1	ONE/SERIES/AGI	
17682	no paleo info	
17683	no paleo info	
17684	no paleo info	
17685	no paleo info	
17686	no paleo info	
17687	no paleo info	
17688	no paleo info	
17689	no paleo info	
17690	no paleo info	
17691	no paleo info	
17692	no paleo info	
17693	no paleo info	
17694	no paleo info	
17695	no paleo info	
17696	no paleo info	
17697	no paleo info	
17698	no paleo info	
17699	no paleo info	
17700	no paleo info	no paleo info
17701	no paleo info	no paleo info
17702	no paleo info	no paleo info
17703	no paleo info	
17704	no paleo info	
17705	no paleo info	
17706	no paleo info	
17707	no paleo info	
17708	no paleo info	
17709	no paleo info	
17710	no paleo info	
17711	no paleo info	
17712	no paleo info	
17713	no paleo info	
17714	no paleo info	
17715	no paleo info	
17716	no paleo info	
17717	no paleo info	
17718	no paleo info	
17719	no paleo info	
17720	no paleo info	
17721	no paleo info	
17722	no paleo info	
17723	no paleo info	
17724	no paleo info	
17725	no paleo info	
17726	no paleo info	
17727	no paleo info	
17728	no paleo info	
17729	no paleo info	
17730	have NP list on ca	
17731	have NP list on ca	
17732	have NP list on ca	
17733	have NP list on ca	
17734	have NP list on ca	
17735	no paleo info	
17736	no paleo info	
17737	no paleo info	
17738	have NP list on ca	
17739	have NP list on ca	
17740	have NP list on ca	
17741	have NP list on ca	
17742	have NP list on ca	
17743	no paleo info	
17744	no paleo info	
17745	no paleo info	
17746	no paleo info	
17747	no paleo info	
17748	no paleo info	
17749	no paleo info	
17750	no paleo info	
17751	no paleo info	
17752	no paleo info	
17753	no paleo info	
17754	no paleo info	
17755	no paleo info	
17756	no paleo info	
17757	no paleo info	
17758	no paleo info	
17759	no paleo info	
17760	no paleo info	
17761	Pliocene	
17762	U Cret E Zone	
17763	U Cret E Zone	
17764	U Cret E Zone	
17765	U Cret E Zone	
17766	U Cret E Zone	

	I	M
1	ONE/SERIES/AGF	
17767	U Cret E Zone	
17768	U Cret E Zone	
17769	U Cret E Zone	
17770	U Cret E Zone	
17771	U Cret E Zone	
17772	U Cret E Zone	
17773	U Cret E Zone	
17774	U Cret E Zone	
17775	U Cret E Zone	
17776	U Cret E Zone	
17777	U Cret E Zone	
17778	U Cret E Zone	
17779	U Cret E Zone	
17780	U Cret E Zone	
17781	U Cret E Zone	
17782	U Cret E Zone	
17783	U Cret E Zone	
17784	U Cret E Zone	
17785	U Cret E Zone	
17786	U Cret E Zone	
17787	U Cret E Zone	
17788	U Cret E Zone	
17789	U Cret E Zone	
17790	U Cret E Zone	
17791	U Cret E Zone	
17792	U Cret E Zone	
17793	U Cret E Zone	
17794	U Cret E Zone	
17795	U Cret E Zone	
17796	U Cret E Zone	
17797	U Cret C/D-1	
17798	U Cret D-1 zone	
17799	not diagnostic	
17800	U Cret D zone	
17801	U Cret D-2 zone	
17802	barren	
17803	Upper Cretaceous	
17804	U Cret D/E zones	
17805	Upper Cretaceous	
17806	U Cret D zone	
17807	U Cret D-1 zone	
17808	U Cret D-1 zone	
17809	no paleo info	
17810	no paleo info	
17811	Cretaceous	
17812	Cretaceous	
17813	Cretaceous	
17814	Cretaceous	
17815	Cretaceous	
17816	Cretaceous	
17817	no paleo info	
17818	no paleo info	
17819	no paleo info	
17820	no paleo info	
17821	no paleo info	
17822	no paleo info	
17823	no paleo info	
17824	no paleo info	
17825	no paleo info	
17826	no paleo info	
17827	barren or not diag.	
17828	barren or not diag.	
17829	barren or not diag.	
17830	barren or not diag.	
17831	barren or not diag.	
17832	barren or not diag.	
17833	barren or not diag.	
17834	barren or not diag.	
17835	barren or not diag.	
17836	barren or not diag.	
17837	barren or not diag.	
17838	barren or not diag.	
17839	barren or not diag.	
17840	barren or not diag.	
17841	barren or not diag.	
17842	barren or not diag.	
17843	barren or not diag.	
17844	barren or not diag.	
17845	barren or not diag.	
17846	barren or not diag.	
17847	barren or not diag.	
17848	barren or not diag.	
17849	barren or not diag.	
17850	barren or not diag.	
17851	barren or not diag.	

	I	M
1	ONE/SERIES/AGF	
17852	barren or not diag.	
17853	barren or not diag.	
17854	barren or not diag.	
17855	barren or not diag.	
17856	barren or not diag.	
17857	barren or not diag.	
17858	barren or not diag.	
17859	barren or not diag.	
17860	barren or not diag.	
17861	barren or not diag.	
17862	barren or not diag.	
17863	barren or not diag.	
17864	barren or not diag.	
17865	barren or not diag.	
17866	barren or not diag.	
17867	barren or not diag.	
17868	barren or not diag.	
17869	barren or not diag.	
17870	barren or not diag.	
17871	barren or not diag.	
17872	barren or not diag.	
17873	barren or not diag.	
17874	barren or not diag.	
17875	barren or not diag.	
17876	barren or not diag.	
17877	barren or not diag.	
17878	barren or not diag.	
17879	barren or not diag.	
17880	barren or not diag.	
17881	barren or not diag.	
17882	barren or not diag.	
17883	barren or not diag.	
17884	barren or not diag.	
17885	barren or not diag.	
17886	barren or not diag.	
17887	barren or not diag.	
17888	barren or not diag.	
17889	barren or not diag.	
17890	barren or not diag.	
17891	barren or not diag.	
17892	U Cret G-2 zone	
17893	barren or not diag.	
17894	barren or not diag.	
17895	barren or not diag.	
17896	barren or not diag.	
17897	barren or not diag.	
17898	barren or not diag.	
17899	barren or not diag.	
17900	barren or not diag.	
17901	barren or not diag.	
17902	barren or not diag.	
17903	barren or not diag.	
17904	no paleo info	
17905	no paleo info	
17906	barren or not diag.	
17907	barren or not diag.	
17908	barren or not diag.	
17909	barren or not diag.	
17910	barren or not diag.	
17911	barren or not diag.	
17912	U Cret F zone	
17913	barren or not diag.	
17914	barren or not diag.	
17915	barren or not diag.	
17916	barren or not diag.	
17917	barren or not diag.	
17918	barren or not diag.	
17919	barren or not diag.	
17920	barren or not diag.	
17921	barren or not diag.	
17922	barren or not diag.	
17923	barren or not diag.	
17924	barren or not diag.	
17925	barren or not diag.	
17926	barren or not diag.	
17927	barren or not diag.	
17928	barren or not diag.	
17929	barren or not diag.	
17930	barren or not diag.	
17931	barren or not diag.	
17932	barren or not diag.	
17933	barren or not diag.	
17934	barren or not diag.	
17935	barren or not diag.	
17936	barren or not diag.	

	I	M
1	ONE/SERIES/AGT	
17937	barren or not diag.	
17938	Upper Cretaceous	
17939	Upper Cretaceous	
17940	barren	
17941	U Cret E zone	
17942	Upper Cretaceous	
17943	Upper Cretaceous	
17944	Upper Cretaceous	
17945	Upper Cretaceous	
17946	Upper Cretaceous	
17947	Upper Cretaceous	
17948	Upper Cretaceous	
17949	Upper Cretaceous	
17950	Upper Cretaceous	
17951	Upper Cretaceous	
17952	Upper Cretaceous	
17953	Lower Pliocene	
17954	no paleo info	
17955	no paleo info	
17956	no paleo info	
17957	U Cret G-2 zone	
17958	U Cret G-2 zone	
17959	U Cret G-2 zone	
17960	U Cret G-2 zone	
17961	U Cret G-2 zone	
17962	U Cret G or H zone	
17963	Upper Cret H zone	
17964	Upper Cret H zone	
17965	Upper Cret H zone	
17966	Upper Cret H zone	
17967	Upper Cret H zone	
17968	Upper Cret H zone	
17969	Upper Cret H zone	
17970	Upper Cret H zone	
17971	Upper Cret H zone	
17972	Upper Cret H zone	
17973	Upper Cret H zone	
17974	Upper Cret H zone	
17975	Upper Cret H zone	
17976	Upper Cret H zone	
17977	Upper Cret H zone	
17978	Upper Cret H zone	
17979	Upper Cret H zone	
17980	Upper Cret H zone	
17981	Upper Cret H zone	
17982	Upper Cret H zone	
17983	Upper Cret H zone	
17984	Upper Cret H zone	
17985	Upper Cret H zone	
17986	Upper Cret H zone	
17987	Upper Cret H zone	
17988	Upper Cret H zone	
17989	Upper Cret H zone	
17990	Upper Cret H zone	
17991	Upper Cret H zone	
17992	Upper Cret H zone	
17993	Upper Cret H zone	
17994	Upper Cret H zone	
17995	Upper Cret H zone	
17996	Upper Cret H zone	
17997	Upper Cret H zone	
17998	Upper Cret H zone	
17999	Upper Cret H zone	
18000	Upper Cret H zone	
18001	Upper Cret H zone	
18002	Upper Cret H zone	
18003	Upper Cret H zone	
18004	Upper Cret H zone	
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18006	Upper Cret H zone	
18007	no paleo info	
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18017	no paleo info	
18018	no paleo info	
18019		
18020	not diagnostic	
18021	not diagnostic	

	I	M
1	ONE/SERIES/AGT	
18022	not diagnostic	
18023	Saucesian	
18024	not diagnostic	
18025	Saucesian	
18026	not diagnostic	
18027	not diagnostic	
18028	not diagnostic	
18029	not diagnostic	
18030	no paleo info	
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18032	no paleo info	
18033	not diagnostic	
18034	not diagnostic	
18035	not diagnostic	
18036	not diagnostic	
18037	prob Saucesian	
18038	not diagnostic	
18039	not diagnostic	
18040	not diagnostic	
18041	not diagnostic	
18042	not diagnostic	
18043	Middle Miocene	
18044	Middle Miocene	
18045	Middle Miocene	
18046	Middle Miocene	
18047	prob Relizian	
18048	not diagnostic	
18049	not diagnostic	
18050	not diagnostic	
18051	not diagnostic	
18052	not diagnostic	
18053	not diagnostic	
18054	not diagnostic	
18055	prob Saucesian	
18056	Middle Miocene	
18057	prob Luisian	
18058	not diagnostic	
18059	not diagnostic	
18060	not diagnostic	
18061	Middle Miocene	
18062	not diagnostic	
18063	Middle Miocene	
18064	Relizian	
18065	Middle Miocene	
18066	Middle Miocene	
18067	not diagnostic	
18068	not diagnostic	
18069	not diagnostic	
18070	not diagnostic	
18071	not diagnostic	
18072	not diagnostic	
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18077	not diagnostic	
18078	not diagnostic	
18079	Relizian	
18080	Relizian	
18081	Relizian	
18082	no paleo info	
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18091	Eocene A zone	
18092	Eocene A zone	
18093	no paleo info	
18094	Zemorrian	
18095	Zemorrian	
18096	Zemorrian	
18097	Zemorrian	
18098	Zemorrian	
18099	not diagnostic	
18100	not diagnostic	
18101	not diagnostic	
18102	L Mohnian	
18103	L Mohnian	
18104	Middle Miocene	
18105	Middle Miocene	
18106	Middle Miocene	

	I	M
1	ONE/SERIES/AGF	
18107	Middle Miocene	
18108	Middle Miocene	
18109	Relizian	
18110	Relizian	
18111	Relizian	
18112	Relizian	
18113	poss Saucesian	
18114	not diagnostic	
18115	Lower Zemorrian	
18116	Lower Zemorrian	
18117	no paleo info	
18118	Eocene	
18119	Eocene	
18120	Eocene A-2 zone	
18121	Eocene A-2 zone	
18122	Eocene A-2 zone	
18123	Eocene A-2 zone	
18124	Eocene A-2 zone	
18125	Eocene A-2 zone	
18126	assemblage	
18127	Delmontian	
18128	Delmontian	
18129	Delmontian	
18130	Delmontian	
18131	Delmontian	
18132	Mohnian	
18133	Mohnian	
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18139	Mohnian	
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18163	Mohnian	
18164	Luisian	
18165	Luisian	
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18190	Luisian	
18191	Luisian	

	I	M
1	ONE/SERIES/AGF	
18192	Luisian	
18193	Luisian	
18194	Luisian	
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18196	Luisian	
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18198	Luisian	
18199	Luisian	
18200	Relizian	
18201	Relizian	
18202	Relizian	
18203	Miocene	
18204	Miocene	
18205	Miocene	
18206	Miocene	
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18210	Miocene	
18211	Miocene	
18212	Miocene	
18213	Miocene	
18214	Miocene	
18215	no paleo info	
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18217	Lower Mohnian	
18218	no paleo info	
18219	no paleo info	
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18228	Zemorrian	
18229	Zemorrian	
18230	no paleo info	
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18233	no paleo info	
18234	no paleo info	
18235	no paleo info	
18236	Lower Miocene	
18237	no paleo info	
18238	no paleo info	
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18266	no paleo info	
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18268	Relizian	
18269	Relizian	
18270	Relizian	
18271	Relizian	
18272	Relizian	
18273	Relizian	
18274	Relizian	
18275	Relizian	
18276	Relizian	

	I	M
1	ONE/SERIES/AG	
18277	Relizian	
18278	Relizian	
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18280	Relizian	
18281	Relizian	
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18285	Relizian	
18286	Saucesian	
18287	Saucesian	
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18299	Saucesian	
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18311	Saucesian	
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18330	Saucesian	
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18338	Saucesian	
18339	Saucesian	
18340	Zemorrian	
18341	Zemorrian	
18342	Zemorrian	
18343	Zemorrian	
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18345	Zemorrian	
18346	Zemorrian	
18347	M and U Miocene	
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18361	M and U Miocene	

	I	M
1	ONE/SERIES/AG	
18362	M and U Miocene	
18363	M and U Miocene	
18364	M and U Miocene	
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18414	M and U Miocene	
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18437	M and U Miocene	
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18440	M and U Miocene	
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18445	M and U Miocene	
18446	M and U Miocene	

	I	M
1	ONE/SERIES/AG	
18447	M and U Miocene	
18448	M and U Miocene	
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18501	M and U Miocene	
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18511	M and U Miocene	
18512	no paleo info	
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18517	no paleo info	
18518	no paleo info	
18519	not diagnostic	
18520	not diagnostic	
18521	not diagnostic	
18522	Mohnian	
18523	Mohnian	
18524	Mohnian	
18525	Mohnian	
18526	not diagnostic	
18527	Eocene	
18528	Mohnian	
18529	Mohnian	
18530	Luisian	
18531	Luisian	

	I	M
1	ONE/SERIES/AG	
18532	Luisian	
18533	Luisian	
18534	Luisian	
18535	Lower Mohnian	
18536	Lower Mohnian	
18537	Luisian/Mohnian	
18538	Mohnian	
18539	Mohnian	
18540	? Mohnian	
18541	Luisian	
18542	Luisian	
18543	not diagnostic	
18544	Luisian	
18545	Mohnian	
18546	not diagnostic	
18547	Pliocene	
18548	Jur?	
18549	Jur?	
18550	Jur or Cret	
18551	Jur or Cret	
18552	Jur or Cret	
18553	Jur or Cret	
18554	Jur or Cret	
18555	Jur or Cret	
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18557	Jur or Cret	
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18560	Jur or Cret	
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18562	Jur or Cret	
18563	Jur or Cret	
18564	Jur or Cret	
18565	Jur or Cret	
18566	Jur or Cret	
18567	Jur or Cret	
18568	Jur or Cret	
18569	Jur?	
18570	L Cretaceous	
18571	L Cretaceous	
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18588	L Cretaceous	
18589	L Cretaceous	
18590	L Cret K zone	
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18601	L Cret K zone	
18602	L Cret K zone	
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18610	L Cretaceous	
18611	L Cretaceous	
18612	L Cretaceous	
18613	L Cretaceous	
18614	L Cretaceous	
18615	L Cretaceous	
18616	L Cretaceous	

	I	M
1	ONE/SERIES/AGF	
18617	L Cretaceous	
18618	L Cretaceous	
18619	L Cretaceous	
18620	L Cretaceous	
18621	L Cretaceous	
18622	L Cretaceous	
18623	L Cretaceous	
18624	L Cretaceous	
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18636	L Cretaceous	
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18638	L Cretaceous	
18639	L Cretaceous	
18640	L Cret J zone	
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18680	L Cret J zone	
18681	L Cret J zone	
18682	assemblage	
18683	assemblage	
18684	assemblage	
18685	assemblage	
18686	assemblage	
18687	U Jurassic M zone	
18688	U Jurassic M zone	
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18699	U Jurassic M zone	
18700	U Jurassic M zone	
18701	U Jurassic M zone	

	I	M
1	ONE/SERIES/AGF	
18702	U Jurassic M zone	
18703	U Jurassic M zone	
18704	U Jurassic M zone	
18705	U Jurassic M zone	
18706	U Jurassic M zone	
18707	U Jurassic M zone	
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18709	U Jurassic M zone	
18710	Lower Cret L zone	
18711	Lower Cret L zone	
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18715	Lower Cret L zone	
18716	Lower Cret L zone	
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18728	Lower Cret L zone	
18729	Lower Cret L zone	
18730	not diagnostic	
18731	not diagnostic	
18732	not diagnostic	
18733	not diagnostic	
18734	not diagnostic	
18735	Lower Cret K zone	
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18743	Lower Cret K zone	
18744	Lower Cret K zone	
18745	Lower Cret K zone	
18746	not diagnostic	
18747	not diagnostic	
18748	not diagnostic	
18749	not diagnostic	
18750	L Cret J-2 zone	
18751	L Cret J-2 zone	
18752	L Cret J-2 zone	
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18759	L Cret J-2 zone	
18760	L Cret J-2 zone	
18761	L Cret J-2 zone	
18762	L Cret J-2 zone	
18763	L Cret J-2 zone	
18764	L Cret J-2 zone	
18765	not diagnostic	
18766	not diagnostic	
18767	L Cret J-1 zone	
18768	L Cret J-1 zone	
18769	L Cret J-1 zone	
18770	L Cret J-1 zone	
18771	Middle Miocene	
18772	Middle Miocene	
18773	? Upper Miocene	
18774	Luisian	
18775	Luisian	
18776	Eocene	
18777	Eocene	
18778	Eocene	
18779	Eocene	
18780	Eocene	
18781	Eocene	
18782	Eocene	
18783	Eocene	
18784	Eocene	
18785	Eocene	
18786	Eocene	

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1	ONE/SERIES/AGT	
18787	no paleo info	
18788	no paleo info	
18789	no paleo info	
18790	no paleo info	
18791	Eocene	
18792	Eocene	
18793	Eocene	
18794	Eocene	
18795	not diagnostic	
18796	not diagnostic	
18797	not diagnostic	
18798	not diagnostic	
18799	not diagnostic	
18800	not diagnostic	
18801	not diagnostic	
18802	not diagnostic	
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18804	not diagnostic	
18805	U Cret E zone	
18806	U Cret E zone	
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18820	U Cret E zone	
18821	U Cret D-2 zone	
18822	U Cret D-2 zone	
18823	U Cret D-2 zone	
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18830	not diagnostic	
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18839	U Cret E Zone	
18840	U Cret E Zone	
18841	U Cret E Zone	
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18843	U Cret D-2 zone	
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18862	U Cret D-2 zone	
18863	U Cret C/D-1 zone	
18864	U Cret C/D-1 zone	
18865	U Cret C/D-1 zone	
18866	U Cret C/D-1 zone	
18867	U Cret C/D-1 zone	
18868	U Cret C/D-1 zone	
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18870	U Cret C/D-1 zone	
18871	U Cret C/D-1 zone	

	I	M
1	ONE/SERIES/AGI	
18872	U Cret C/D-1 zone	
18873	not diagnostic	
18874	not diagnostic	
18875	not diagnostic	
18876	barren	
18877	not diagnostic	
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1	ONE/SERIES/AGI	
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19077	Upper Miocene	
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19120	no paleo info	
19121	prob Miocene	
19122	not diagnostic	
19123	not diagnostic	
19124	poss U Miocene	
19125	not diagnostic	
19126	not diagnostic	

	I	M
1	ONE/SERIES/AGT	
19127	not diagnostic	
19128	not diagnostic	
19129	not diagnostic	
19130	prob U Miocene	
19131	prob U Miocene	
19132	prob U Miocene	
19133	prob U Miocene	
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19137	Miocene/Pliocene	
19138	Miocene/Pliocene	
19139	Miocene/Pliocene	
19140	Miocene/Pliocene	
19141	Miocene/Pliocene	
19142	Miocene/Pliocene	
19143	Miocene/Pliocene	
19144	Miocene/Pliocene	
19145	Delmontian	
19146	not diagnostic	
19147	prob U Miocene	
19148	prob U Miocene	
19149	prob U Miocene	
19150	prob U Miocene	
19151	not diagnostic	
19152	prob U Miocene	
19153	Delmontian	
19154	Miocene/Pliocene	
19155	Miocene/Pliocene	
19156	Miocene/Pliocene	
19157	Miocene/Pliocene	
19158	Miocene/Pliocene	
19159	Miocene/Pliocene	
19160	Pliocene	
19161	Pseudosaucesian	
19162	poss Pseudosauce	
19163	Pseudosaucesian	
19164	Miocene/Pliocene	
19165	Miocene/Pliocene	
19166	Miocene/Pliocene	
19167	Miocene/Pliocene	
19168	Lower Pliocene	
19169	Miocene/Pliocene	
19170	Miocene/Pliocene	
19171	Miocene/Pliocene	
19172	Miocene/Pliocene	
19173	Miocene/Pliocene	
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19181	Miocene/Pliocene	
19182	Miocene/Pliocene	
19183	prob Mio/Pliocene	
19184	prob Mio/Pliocene	
19185	not diagnostic	
19186	not diagnostic	
19187	Pseudosaucesian	
19188	Pseudosaucesian	
19189	Lower Pliocene	
19190	Lower Pliocene	
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19203	Mohnian	
19204	prob U Miocene	
19205	prob U Miocene	
19206	not diagnostic	
19207	not diagnostic	
19208	not diagnostic	
19209	Saucesian	
19210	Saucesian	
19211	Saucesian	

	I	M
1	ONE/SERIES/AG	
19212	Saucesian	
19213	Upper Saucesian	
19214	not diagnostic	
19215	no paleo info	
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19217	Miocene	
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19229	Middle Miocene	
19230	Luisian	
19231	Luisian	
19232	not diagnostic	
19233	not diagnostic	
19234	not diagnostic	
19235	barren	
19236	not diagnostic	
19237	not diagnostic	
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19250	Miocene?	
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19286	Relizian	
19287	no paleo info	
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19289	Middle Miocene	
19290	Relizian	
19291	Relizian	
19292	barren	
19293	not diagnostic	
19294	not diagnostic	
19295	Lower Mohnian	
19296	barren	

	I	M
1	ONE/SERIES/AGE	
19297	not diagnostic	
19298	Lower Mohnian	
19299	Lower Mohnian	
19300	Upper Miocene	
19301	not diagnostic	
19302	not diagnostic	
19303	not diagnostic	
19304	not diagnostic	
19305	not diagnostic	
19306	not diagnostic	
19307	not diagnostic	
19308	Miocene	
19309	Lower Relizian	
19310	Lower Relizian	
19311	Lower Relizian	
19312	not diagnostic	
19313	Upper Miocene	
19314	Zemorrian	
19315	Zemorrian	
19316	Pliocene	
19317	Pliocene	
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19320	Pliocene	
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19325	Pliocene	
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19360	Upper Pliocene	
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19364	Upper Pliocene	
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19380	Upper Pliocene	
19381	Upper Pliocene	

	I	M
1	ONE/SERIES/AG	
19382	Upper Pliocene	
19383	Upper Pliocene	
19384	Upper Pliocene	
19385	Lower Pliocene	
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19389	Lower Pliocene	
19390	Upper Pliocene	
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19409	Pliocene	
19410	Pliocene	
19411	Pliocene	
19412	Pliocene	
19413	Pliocene	
19414	Pliocene	
19415	Saucesian?	
19416	Saucesian?	
19417	Saucesian?	
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19419	Saucesian?	
19420	Saucesian?	
19421	Saucesian?	
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19425	Saucesian?	
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19460	Pliocene	
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19464	Pliocene	
19465	Pliocene	
19466	Pliocene	

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1	ONE/SERIES/AGF	
19467	Pliocene	
19468	Pliocene	
19469	Pliocene	
19470	Pliocene	
19471	Pliocene	
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19544	Pliocene	
19545	Pliocene	
19546	Delmontian	
19547	Pliocene	
19548	Miocene	
19549	Saucesian?	
19550	Upper Pliocene	
19551	Upper Pliocene	

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1	ZONE/SERIES/AGT	
19552	Upper Pliocene	
19553	no paleo info	
19554	Pliocene	
19555	no paleo info	
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19591	see Went thesis	
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19593	see Went thesis	
19594	see Went thesis	
19595	Cret/Paleocene	
19596	barren	
19597	Cret/Paleocene	
19598	Tertiary	
19599	Lower Eocene	
19600	not diagnostic	
19601	Eocene	
19602	not diagnostic	
19603	poss Eocene	
19604	Lower Eocene	
19605	Lower Eocene	
19606	Lower Eocene	
19607	Lower Eocene	
19608	barren	
19609	not diagnostic	
19610	Lower Eocene	
19611	not diagnostic	
19612	not diagnostic	
19613	Paleocene/Eocene	
19614	Tertiary	
19615	not diagnostic	
19616	no paleo info	
19617	no paleo info	
19618	no paleo info	
19619	no paleo info	
19620	no paleo info	
19621	no paleo info	
19622	no paleo info	
19623	Middle Eocene	
19624	Middle Eocene	
19625	Middle Eocene	
19626	Middle Eocene	
19627	Middle Eocene	
19628	Middle Eocene	
19629	Middle Eocene	
19630	Middle Eocene	
19631	Lower Eocene	
19632	Lower Eocene	
19633	Lower Eocene	
19634	Lower Eocene	
19635	Lower Eocene	
19636	Lower Eocene	

	I	M
1	ONE/SERIES/AGI	
19637	Eocene	
19638	Eocene	
19639	Eocene	
19640	Eocene	
19641	Eocene	
19642	Eocene	
19643	Eocene	
19644	Eocene	
19645	Eocene	
19646	Eocene	
19647	Eocene	
19648	Eocene	
19649	Eocene	
19650	Eocene	
19651	Eocene	
19652	Eocene	
19653	Eocene	
19654	Eocene	
19655	Eocene	
19656	Eocene	
19657	Eocene	
19658	Eocene	
19659	Eocene	
19660	Eocene	
19661	Eocene	
19662	Eocene	
19663	Eocene	
19664	Eocene	
19665	Eocene	
19666	Eocene	
19667	Lower Eocene	
19668	no paleo info	
19669	not diagnostic	
19670	not diagnostic	
19671	not diagnostic	
19672	Eocene	
19673	no paleo info	
19674	no paleo info	
19675	no paleo info	
19676	Relizian	
19677	no paleo info	
19678	no paleo info	
19679	no paleo info	
19680	Relizian	
19681	Relizian	
19682	Relizian	
19683	Relizian	
19684	no paleo info	
19685	no paleo info	
19686	no paleo info	
19687	no paleo info	
19688	no paleo info	
19689	no paleo info	
19690	Luisian	
19691	no paleo info	
19692	Relizian	
19693	no paleo info	
19694	Relizian	
19695	no paleo info	
19696	no paleo info	
19697	Upper Eocene	
19698	Upper Eocene	
19699	Upper Eocene	
19700	Upper Eocene	
19701	Upper Eocene	
19702	Upper Eocene	
19703	Upper Eocene	
19704	Upper Eocene	
19705	Upper Eocene	
19706	Eocene	
19707	Eocene	
19708	Eocene	
19709	Eocene	
19710	Eocene	
19711	Eocene	
19712	Eocene	
19713	not diagnostic	
19714	Upper Eocene	
19715	Upper Eocene	
19716	Upper Eocene	
19717	Upper Eocene	
19718	Upper Eocene	
19719	Upper Eocene	
19720	Upper Eocene	
19721	Zemorrian	

	I	M
1	ONE/SERIES/AGF	
19722	Zemorrian	
19723	Zemorrian	
19724	Zemorrian	
19725	Zemorrian	
19726	Lower Zemorrian	
19727	Lower Zemorrian	
19728	not diagnostic	
19729	Lower Miocene	
19730	Lower Miocene	
19731	Lower Miocene	
19732	not diagnostic	
19733	Lower Zemorrian	
19734	Zemorrian	
19735	Zem/Saucesian	
19736	Eocene	
19737	?Zemorrian	
19738	not diagnostic	
19739	Miocene	
19740	barren	
19741	Miocene	
19742	?Zemorrian	
19743	?Zemorrian	
19744	not diagnostic	
19745	Zemorrian	
19746	not diagnostic	
19747	barren	
19748	Lower Zemorrian	
19749	Lower Zemorrian	
19750	Miocene?	
19751	Lower Miocene	
19752	Lower Miocene	
19753	Lower Miocene	
19754	Lower Miocene	
19755	not diagnostic	
19756	not diagnostic	
19757	not diagnostic	
19758	Lower Miocene	
19759	Lower Miocene	
19760	Lower Miocene	
19761	not diagnostic	
19762	not diagnostic	
19763	Lower Miocene	
19764	not diagnostic	
19765	Lower Miocene	
19766	Eocene A-2/C zone	
19767	Lower Miocene	
19768	not diagnostic	
19769	Lower Miocene	
19770	Lower Miocene	
19771	Lower Miocene	
19772	Lower Miocene	
19773	Eocene or Cret	
19774	not diagnostic	
19775	Eocene	
19776	no paleo info	
19777	Eocene	
19778	Eocene	
19779	Eocene	
19780	Eocene	
19781	Lower Miocene	
19782	Eocene	
19783	Eocene	
19784	Eocene	
19785	Eocene	
19786	Eocene	
19787	no paleo info	
19788	no paleo info	
19789	Lower Miocene	
19790	Lower Miocene	
19791	Lower Miocene	
19792	no paleo info	
19793	Lower Miocene	
19794	Lower Miocene	
19795	Lower Miocene	
19796	Lower Miocene	
19797	no paleo info	
19798	Upper Cretaceous	
19799	no paleo info	
19800	no paleo info	
19801	Eocene	
19802	Eocene	
19803	Eocene	
19804	Lower Miocene	
19805	Lower Miocene	

	I	M
1	ONE/SERIES/AGF	
19806	Lower Miocene	
19807	Lower Miocene	
19808	Lower Miocene	
19809	Lower Miocene	
19810	Lower Miocene	
19811	Lower Miocene	
19812	Lower Miocene	
19813	Lower Miocene	
19814	Lower Miocene	
19815	Lower Miocene	
19816	Lower Miocene	
19817	Lower Miocene	
19818	Lower Miocene	
19819	Miocene	
19820	Lower Miocene	
19821	Lower Miocene	
19822	Lower Miocene	
19823	Lower Miocene	
19824	Lower Miocene	
19825	Lower Miocene	
19826	Miocene	
19827	not diagnostic	
19828	Lower Miocene	
19829	Lower Miocene	
19830	Miocene	
19831	Zemorrian	
19832	not diagnostic	
19833	Miocene	
19834	Lower Miocene	
19835	Lower Miocene	
19836	Lower Miocene	
19837	Miocene	
19838	no paleo info	
19839	no paleo info	
19840	Lower Miocene	
19841	Upper Eocene	
19842	not diagnostic	
19843	U Eocene A zone	
19844	Lower Miocene	
19845	Lower Miocene	
19846	Zemorrian	
19847	Lower Miocene	
19848	Lower Miocene	
19849	Lower Miocene	
19850	Lower Miocene	
19851	not diagnostic	
19852	Lower Miocene	
19853	not diagnostic	
19854	Lower Miocene	
19855	not diagnostic	
19856	not diagnostic	
19857	Lower Miocene	
19858	Lower Miocene	
19859	Lower Miocene	
19860	Lower Miocene	
19861	not diagnostic	
19862	Lower Miocene	
19863	Lower Miocene	
19864	Lower Miocene	
19865	Lower Miocene	
19866	not diagnostic	
19867	Lower Miocene	
19868	not diagnostic	
19869	Lower Miocene	
19870	Lower Miocene	
19871	Lower Miocene	
19872	Lower Miocene	
19873	Lower Miocene	
19874	Eocene	
19875	Eocene	
19876	Eocene	
19877	Eocene	
19878	Pleistocene	
19879	no paleo info	
19880	no paleo info	
19881	no paleo info	
19882	no paleo info	
19883	no paleo info	
19884	no paleo info	
19885	no paleo info	
19886	no paleo info	
19887	no paleo info	
19888	no paleo info	
19889	Middle Miocene	
19890	no paleo info	

	I	M
1	ONE/SERIES/AGT	
19891	no paleo info	
19892	no paleo info	
19893	not diagnostic	
19894	not diagnostic	
19895	not diagnostic	
19896	barren	
19897	Luisian	
19898	barren	
19899	Sauc/Mohnian	
19900	barren	
19901	Middle Miocene	
19902	Middle Miocene	
19903	Luisian	
19904	not diagnostic	
19905	L or M Miocene	
19906	L or M Miocene	
19907	poss M Miocene	
19908	see Went thesis	
19909	M Eocene A-2/C	
19910	M Eocene A-2/C	
19911	Prob L Eocene	
19912	Prob L Eocene	
19913	Prob L Eocene	
19914	Prob L Eocene	
19915	Upper Relizian	
19916	Upper Relizian	
19917	Upper Relizian	
19918	Upper Relizian	
19919	Upper Relizian	
19920	Upper Relizian	
19921	Upper Relizian	
19922	Upper Relizian	
19923	Luisian	
19924	Luisian	
19925	Luisian	
19926	Luisian	
19927	Luisian	
19928	Luisian	
19929	Luisian	
19930	Luisian	
19931	Luisian	
19932	Luisian	
19933	Luisian	
19934	Luisian	
19935	Luisian	
19936	Luisian	
19937	Luisian	
19938	Luisian	
19939	Luisian	
19940	Lower Mohnian	
19941	Lower Mohnian	
19942	Lower Mohnian	
19943	Lower Mohnian	
19944	Lower Mohnian	
19945	Lower Mohnian	
19946	Lower Mohnian	
19947	Lower Mohnian	
19948	Lower Mohnian	
19949	Lower Mohnian	
19950	Lower Mohnian	
19951	Lower Mohnian	
19952	Lower Mohnian	
19953	Lower Mohnian	
19954	Upper Mohnian	
19955	Upper Mohnian	
19956	Upper Mohnian	
19957	Upper Mohnian	
19958	Upper Mohnian	
19959	Upper Mohnian	
19960	Upper Mohnian	
19961	Upper Mohnian	
19962	Upper Mohnian	
19963	Upper Mohnian	
19964	Upper Mohnian	
19965	Upper Mohnian	
19966	Upper Mohnian	
19967	Upper Mohnian	
19968	Upper Mohnian	
19969	Upper Mohnian	
19970	Upper Mohnian	
19971	Upper Mohnian	
19972	Upper Mohnian	
19973	Upper Mohnian	
19974	Upper Mohnian	
19975	Upper Mohnian	

	I	M
1	ONE/SERIES/AGF	
19976	Upper Mohnian	
19977	Upper Mohnian	
19978	Upper Mohnian	
19979	Upper Mohnian	
19980	Upper Mohnian	
19981	Upper Mohnian	
19982	Upper Mohnian	
19983	Upper Mohnian	
19984	Upper Mohnian	
19985	Upper Mohnian	
19986	Upper Mohnian	
19987	Upper Mohnian	
19988	Upper Mohnian	
19989	Upper Mohnian	
19990	Upper Mohnian	
19991	Upper Mohnian	
19992	Upper Mohnian	
19993	Upper Mohnian	
19994	Upper Mohnian	
19995	Upper Mohnian	
19996	Upper Mohnian	
19997	Upper Mohnian	
19998	Upper Mohnian	
19999	Upper Mohnian	
20000	Upper Mohnian	
20001	Upper Mohnian	
20002	Upper Mohnian	
20003	Upper Mohnian	
20004	Upper Mohnian	
20005	Upper Mohnian	
20006	Upper Mohnian	
20007	Upper Mohnian	
20008	Upper Mohnian	
20009	Upper Mohnian	
20010	Upper Mohnian	
20011	Upper Mohnian	
20012	Upper Mohnian	
20013	Upper Mohnian	
20014	Upper Mohnian	
20015	Upper Mohnian	
20016	Oligocene?	
20017	no paleo info	
20018	no paleo info	
20019	no paleo info	
20020	no paleo info	
20021	no paleo info	
20022	no paleo info	
20023	no paleo info	
20024	no paleo info	
20025	no paleo info	
20026	no paleo info	
20027	Have NP list on ca	
20028	no paleo info	
20029	no paleo info	
20030	no paleo info	
20031	no paleo info	
20032	no paleo info	
20033	no paleo info	
20034	no paleo info	
20035	no paleo info	
20036	no paleo info	
20037	no paleo info	
20038	no paleo info	
20039	no paleo info	
20040	no paleo info	
20041	no paleo info	
20042	no paleo info	
20043	no paleo info	
20044	Middle Miocene	
20045	Middle Miocene	
20046	Middle Miocene	
20047	Middle Miocene	
20048	Middle Miocene	
20049	Middle Miocene	
20050	not diagnostic	
20051	not diagnostic	
20052	prob Mohnian	
20053	no paleo info	
20054	Relizian	
20055	Saucesian	
20056	Saucesian	
20057	Saucesian	
20058	Saucesian	
20059	Saucesian	
20060	Upper Mohnian	

	I	M
1	ONE/SERIES/AGT	
20061	Upper Mohnian	
20062	Upper Mohnian	
20063	Upper Mohnian	
20064	Upper Mohnian	
20065	Upper Mohnian	
20066	Upper Mohnian	
20067	Mohnian	
20068	not diagnostic	
20069	Upper Miocene	
20070	not diagnostic	
20071	Mohnian	
20072	Upper Miocene	
20073	not diagnostic	
20074	not diagnostic	
20075	Mohnian	
20076	Mohnian	
20077	Mohnian	
20078	Mohnian	
20079	Mohnian	
20080	not diagnostic	
20081	no paleo info	
20082	no paleo info	
20083	no paleo info	
20084	no paleo info	
20085	no paleo info	
20086	no paleo info	
20087	no paleo info	
20088	no paleo info	
20089	no paleo info	
20090	no paleo info	
20091	no paleo info	
20092	no paleo info	
20093	no paleo info	
20094	no paleo info	
20095	Relizian	
20096	no paleo info	
20097	Eocene	
20098	no paleo info	
20099	Luisian/Relizian	
20100	no paleo info	
20101	Luisian	
20102	Luisian	
20103	Luisian	
20104	Luisian	
20105	Luisian	
20106	no paleo info	
20107	no paleo info	
20108	Luisian	
20109	no paleo info	
20110	no paleo info	
20111	no paleo info	
20112	no paleo info	
20113	no paleo info	
20114	no paleo info	
20115	no paleo info	
20116	no paleo info	
20117	no paleo info	
20118	no paleo info	
20119	no paleo info	
20120	no paleo info	
20121	no paleo info	
20122	no paleo info	
20123	no paleo info	
20124	no paleo info	
20125	no paleo info	
20126	no paleo info	
20127	no paleo info	
20128	no paleo info	
20129	no paleo info	
20130	no paleo info	
20131	no paleo info	
20132	no paleo info	
20133	no paleo info	
20134	no paleo info	
20135	no paleo info	
20136	no paleo info	
20137	no paleo info	
20138	no paleo info	
20139	no paleo info	
20140	no paleo info	
20141	no paleo info	
20142	no paleo info	
20143	no paleo info	
20144	no paleo info	
20145	no paleo info	

	I	M
1	ONE/SERIES/AGT	
20146	no paleo info	
20147	no paleo info	
20148	no paleo info	
20149	no paleo info	
20150	no paleo info	
20151	no paleo info	
20152	no paleo info	
20153	no paleo info	
20154	no paleo info	
20155	no paleo info	
20156	no paleo info	
20157	no paleo info	
20158	no paleo info	
20159	no paleo info	
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20161	no paleo info	
20162	no paleo info	
20163	no paleo info	
20164	no paleo info	
20165	no paleo info	
20166	no paleo info	
20167	no paleo info	
20168	no paleo info	
20169	no paleo info	
20170	no paleo info	
20171	no paleo info	
20172	Saucesian/Relizian	
20173	Saucesian/Relizian	
20174	not diagnostic	
20175	Miocene	
20176	not diagnostic	
20177	Middle Miocene	
20178	Middle Miocene	
20179	Middle Miocene	
20180	barren	
20181	not diagnostic	
20182	not diagnostic	
20183	Relizian	
20184	not diagnostic	
20185	M or U Miocene	
20186	Middle Miocene	
20187	Middle Miocene	
20188	Middle Miocene	
20189	Middle Miocene	
20190	Middle Miocene	
20191	Middle Miocene	
20192	Middle Miocene	
20193	Relizian	
20194	Relizian	
20195	Relizian	
20196	Relizian	
20197	Relizian	
20198	Relizian	
20199	Relizian	
20200	Relizian	
20201	Relizian	
20202	Relizian	
20203	Relizian	
20204	Relizian	
20205	Relizian	
20206	Lower Miocene	
20207	poss Saucesian	
20208	Upper Mohnian	
20209	Upper Mohnian	
20210	not diagnostic	
20211	not diagnostic	
20212	Saucesian	
20213	Miocene	
20214	Saucesian	
20215	Saucesian	
20216	Relizian	
20217	Saucesian?	
20218	Saucesian?	
20219	L or M Miocene	
20220	L or M Miocene	
20221	no paleo info	
20222	no paleo info	
20223	no paleo info	
20224	no paleo info	
20225	no paleo info	
20226	Relizian	
20227	Relizian	
20228	prob Luisian	
20229	Zemorrian	
20230	Miocene/Pliocene	

	I	M
1	ONE/SERIES/AGE	
20231	poss Saucesian	
20232	Lower Mohnian	
20233	Mohnian	
20234	Mohnian	
20235	not diagnostic	
20236	not diagnostic	
20237	Mohnian	
20238	not diagnostic	
20239	Mohnian	
20240	Mohnian	
20241	Mohnian	
20242	not diagnostic	
20243	not diagnostic	
20244	not diagnostic	
20245	not diagnostic	
20246	not diagnostic	
20247	not diagnostic	
20248	not diagnostic	
20249	not diagnostic	
20250	Mohnian	
20251	Mohnian	
20252	Mohnian	
20253	Mohnian	
20254	Mohnian	
20255	not diagnostic	
20256	not diagnostic	
20257	Mohnian	
20258	Luisian	
20259	not diagnostic	
20260	Luisian	
20261	Upper Relizian	
20262	Upper Cretaceous	
20263	Upper Cretaceous	
20264	Upper Cretaceous	
20265	no paleo info	
20266	no paleo info	
20267	no ages provided	
20268	no ages provided	
20269	no ages provided	
20270	no ages provided	
20271	no ages provided	
20272	no ages provided	
20273	no ages provided	
20274	no ages provided	
20275	no ages provided	
20276	no ages provided	
20277	no ages provided	
20278	no ages provided	
20279	no ages provided	
20280	no ages provided	
20281	no ages provided	
20282	no ages provided	
20283	no ages provided	
20284	no ages provided	
20285	no ages provided	
20286	no ages provided	
20287	no ages provided	
20288	no ages provided	
20289	no ages provided	
20290	no ages provided	
20291	no ages provided	
20292	no ages provided	
20293	no ages provided	
20294	no ages provided	
20295	Upper Mohnian	
20296	Upper Mohnian	
20297	Upper Mohnian	
20298	Upper Mohnian	
20299	Upper Mohnian	
20300	Upper Mohnian	
20301	no paleo info	
20302	no paleo info	
20303	no paleo info	
20304	no paleo info	
20305	no paleo info	
20306	no paleo info	
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20310	no paleo info	
20311	no paleo info	
20312	no paleo info	
20313	no paleo info	
20314	no paleo info	
20315	no paleo info	

	I	M
1	ONE/SERIES/AGT	
20316	no paleo info	
20317	no paleo info	
20318	no paleo info	
20319	no paleo info	
20320	no paleo info	
20321	Delmontian	
20322	Upper Miocene	
20323	no paleo info	
20324	no paleo info	
20325	no paleo info	
20326	no paleo info	
20327	not diagnostic	
20328	no paleo info	
20329	no paleo info	
20330	no paleo info	
20331	no paleo info	
20332	no paleo info	
20333	no paleo info	
20334	no paleo info	
20335	no paleo info	
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20337	no paleo info	
20338	no paleo info	
20339	no paleo info	
20340	no paleo info	
20341	no paleo info	
20342	no paleo info	
20343	no paleo info	
20344	Mohnian	
20345	no paleo info	
20346	Upper Miocene?	
20347	no paleo info	
20348	Cretaceous	
20349	Cretaceous	
20350	Cretaceous	
20351	no paleo info	
20352	no paleo info	
20353	no paleo info	
20354	no paleo info	
20355	no paleo info	
20356		
20357	no paleo info	
20358	no paleo info	
20359	no paleo info	
20360	no paleo info	
20361	Miocene	
20362	Miocene	
20363	Miocene	
20364	no paleo info	
20365	no paleo info	
20366	Lower Cret L zone	
20367	Lower Cret K zone	
20368	Upper Cretaceous	
20369	Upper Cretaceous	
20370	Upper Cretaceous	
20371	Upper Cretaceous	
20372	Upper Cretaceous	
20373	U Cret poss H zone	
20374	U Cret poss H zone	
20375	U Cret poss H zone	
20376	U Cret poss H zone	
20377	U Cret poss H zone	
20378	U Cret poss H zone	
20380	L Cret J-1 zone	
20381	L Cret J-1 zone	
20382	L Cret J-1 zone	
20383	L Cret J-1 zone	
20384	L Cret J-1 zone	
20385	L Cret J-1 zone	
20386	L Cret J-1 zone	
20387	L Cret J-1 zone	
20388	L Cret J-1 zone	
20389	L Cret J-1 zone	
20390	L Cret J-1 zone	
20391	L Cret J-1 zone	
20392	L Cret J-1 zone	
20393	L Cret J-1 zone	
20394	L Cret J-1 zone	
20395	L Cret J-1 zone	
20396	L Cret J-1 zone	
20397	L Cret J-1 zone	
20398	L Cret J-1 zone	
20399	L Cret J-1 zone	
20400	L Cret J-1 zone	
20401	L Cret J-1 zone	

	I	M
1	ONE/SERIES/AG	
20402	L Cret J-1 zone	
20403	L Cret J-1 zone	
20404	L Cret J-1 zone	
20405	L Cret J-1 zone	
20406	L Cret J-1 zone	
20407	L Cret J-1 zone	
20408	L Cret J-1 zone	
20409	L Cret J-1 zone	
20410	L Cret J-1 zone	
20411	L Cret J-1 zone	
20412	L Cret J-1 zone	
20413	L Cret J-1 zone	
20414	L Cret J-1 zone	
20415	L Cret J-1 zone	
20416	L Cret J-1 zone	
20417	L Cret J-1 zone	
20418	L Cret J-1 zone	
20419	L Cret J-1 zone	
20420	L Cret J-1 zone	
20421	L Cret J-1 zone	
20422	L Cret J-1 zone	
20423	L Cret J-1 zone	
20424	L Cret J-1 zone	
20425	L Cret J-1 zone	
20426	L Cret J-1 zone	
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20428	L Cret J-1 zone	
20429	L Cret J-1 zone	
20430	L Cret J-1 zone	
20431	L Cret J-1 zone	
20432	L Cret J-1 zone	
20433	L Cret J-1 zone	
20434	L Cret J-1 zone	
20435	L Cret J-1 zone	
20436	L Cret J-1 zone	
20437	L Cret J-1 zone	
20438	L Cret J-1 zone	
20439	L Cret J-1 zone	
20440	L Cret J-1 zone	
20441	L Cret J-1 zone	
20442	L Cret J-1 zone	
20443	L Cret J-1 zone	
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20445	L Cret J-1 zone	
20446	L Cret J-1 zone	
20447	L Cret J-1 zone	
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20460	L Cret J-1 zone	
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20464	L Cret J-1 zone	
20465	L Cret J-1 zone	
20466	L Cret J-1 zone	
20467	L Cret J-1 zone	
20468	L Cret J-1 zone	
20469	L Cret J-1 zone	
20470	L Cret J-1 zone	
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20472	L Cret J-2 zone	
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20474	L Cret J-2 zone	
20475	L Cret J-2 zone	
20476	L Cret J-2 zone	
20477	L Cret J-2 zone	
20478	L Cret J-2 zone	
20479	L Cret J-2 zone	
20480	L Cret J-2 zone	
20481	L Cret J-2 zone	
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20484	L Cret J-2 zone	
20485	L Cret J-2 zone	
20486	L Cret J-2 zone	

	I	M
1	ONE/SERIES/AG	
20487	L Cret J-2 zone	
20488	L Cret J-2 zone	
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20490	L Cret J-2 zone	
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20499	L Cret J-2 zone	
20500	L Cret J-2 zone	
20501	L Cret J-2 zone	
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20506	L Cret J-2 zone	
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20560	L Cret J-2 zone	
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20564	L Cret J-2 zone	
20565	L Cret J-2 zone	
20566	L Cret J-2 zone	
20567	L Cret J-2 zone	
20568	L Cret J-2 zone	
20569	L Cret J-2 zone	
20570	L Cret J-2 zone	
20571	L Cret J-2 zone	

	I	M
1	ONE/SERIES/AGT	
20572	L Cret J-2 zone	
20573	L Cret J-2 zone	
20574	L Cret J-2 zone	
20575	L Cret J-2 zone	
20576	L Cret J-2 zone	
20577	L Cret J-2 zone	
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20581	L Cret J-2 zone	
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20584	L Cret J-1 zone	
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20590	L Cret J-1 zone	
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20595	L Cret J-1 zone	
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20597	L Cret J-1 zone	
20598	L Cret J-1 zone	
20599	L Cret J-1 zone	
20600	L Cret J-1 zone	
20601	L Cret J-1 zone	
20602	L Cret J-1 zone	
20603	L Cret J-1 zone	
20604	U Cret I zone	
20605	U Cret I zone	
20606	U Cret I zone	
20607	U Cret I zone	
20608	U Cret I zone	
20609	U Cret I zone	
20610	U Cret H zone	
20611	U Cret H zone	
20612	U Cret H zone	
20613	U Cret H zone	
20614	U Cret H zone	
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20616	U Cret H zone	
20617	U Cret H zone	
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20621	U Cret H zone	
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20628	U Cret H zone	
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20632	U Cret H zone	
20633	U Cret H zone	
20634	U Cret H zone	
20635	U Cret H zone	
20636	U Cret H zone	
20637	U Cret H zone	
20638	U Jur M zone	
20639	U Jur M zone	
20640	U Jur M zone	
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20650	U Jur M zone	
20651	U Jur M zone	
20652	U Jur M zone	
20653	Lower Cret L zone	
20654	Lower Cret L zone	
20655	Lower Cret L zone	
20656	Lower Cret L zone	

	I	M
1	ONE/SERIES/AGF	
20657	Lower Cret L zone	
20658	Lower Cret L zone	
20659	Lower Cret L zone	
20660	Lower Cret L zone	
20661	Lower Cret K zone	
20662	Lower Cret K zone	
20663	L Cret J zone	
20664	L Cret J zone	
20665	L Cret J zone	
20666	L Cret J zone	
20667	L Cret J zone	
20668	L Cret J zone	
20669	U Cret I zone	
20670	U Cret I zone	
20671	U Cret H zone	
20672	U Cret H zone	
20673	U Cret H zone	
20674	U Cret H zone	
20675	U Cret H zone	
20676	U Cret H zone	
20677	U Cret H zone	
20678	U Cret H zone	
20679	U Cret H zone	
20680	U Cret H zone	
20681	U Cret H zone	
20682	U Cret H zone	
20683	U Cret H zone	
20684	L Cret J-1 zone	
20685	L Cret J-1 zone	
20686	Prob U Cret H zone	
20687	not diagnostic	
20688	L Cret J-1 zone	
20689	L Cret J-1 zone	
20690	L Cret J-1 zone	
20691	Prob U Cret H zone	
20692	Prob U Cret H zone	
20693	Prob U Cret H zone	
20694	Prob U Cret H zone	
20695	Prob U Cret H zone	
20696	Prob U Cret H zone	
20697	Prob U Cret H zone	
20698	Prob U Cret H zone	
20699	Prob U Cret H zone	
20700	Prob U Cret H zone	
20701	Prob U Cret H zone	
20702	L Cret J-1 zone	
20703	L Cret J-1 zone	
20704	L Cret J-1 zone	
20705	L Cret J-1 zone	
20706	L Cret J-1 zone	
20707	U Cret I zone	
20708	U Cret I zone	
20709	U Cret I zone	
20710	no paleo info	
20711	no paleo info	
20712	L Cret J-1 zone	
20713	L Cret J-1 zone	
20714	not diagnostic	
20715	not diagnostic	
20716	not diagnostic	
20717	not diagnostic	
20718	not diagnostic	
20719	L Cret J-1 zone	
20720	not diagnostic	
20721	not diagnostic	
20722	not diagnostic	
20723	not diagnostic	
20724	not diagnostic	
20725	not diagnostic	
20726	not diagnostic	
20727	not diagnostic	
20728	not diagnostic	
20729	L Cret J-1 zone	
20730	L Cret J-1 zone	
20731	L Cret J-1 zone	
20732	L Cret J-1 zone	
20733	L Cret J-1 zone	
20734	L Cret J-1 zone	
20735	L Cret J-1 zone	
20736	L Cret J-1 zone	
20737	L Cret J-1 zone	
20738	L Cret J-1 zone	
20739	L Cret J-2 zone	
20740	L Cret J-1 zone	
20741	Prob L Cret J-1	

	I	M
1	ONE/SERIES/AGF	
20742	Prob L Cret J-1	
20743	L Cret J-1 zone	
20744	L Cret J-1 zone	
20745	not diagnostic	
20746	L Cret J-2 zone	
20747	L Cret J-2 zone	
20748	L Cret J-2 zone	
20749	L Cret J-2 zone	
20750	L Cret J-2 zone	
20751	L Cret J-2 zone	
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20759	L Cret J-2 zone	
20760	L Cret J-2 zone	
20761	L Cret J-2 zone	
20762	L Cret J-2 zone	
20763	not diagnostic	
20764	L Cret J-2 zone	
20765	L Cret J-2 zone	
20766	Poss L Cret J-2	
20767	Poss L Cret J-2	
20768	Poss L Cret J-2	
20769	Poss L Cret J-2	
20770	Poss L Cret J-2	
20771	Poss L Cret J-2	
20772	Poss L Cret J-2	
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20774	Poss L Cret J-2	
20775	Poss L Cret J-2	
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20779	Poss L Cret J-2	
20780	Poss L Cret J-2	
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20785	Poss L Cret J-2	
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20789	Poss L Cret J-2	
20790	Poss L Cret J-2	
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20795	Poss L Cret J-2	
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20799	Poss L Cret J-2	
20800	Poss L Cret J-2	
20801	Poss L Cret J-2	
20802	Poss L Cret J-2	
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20804	Poss L Cret J-2	
20805	Poss L Cret J-2	
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20807	Poss L Cret J-2	
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20809	Poss L Cret J-2	
20810	Poss L Cret J-2	
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20823	Poss L Cret J-2	
20824	Poss L Cret J-2	
20825	Poss L Cret J-2	
20826	Poss L Cret J-2	

	I	M
1	ONE/SERIES/AGF	
20827	Poss L Cret J-2	
20828	Poss L Cret J-2	
20829	Poss L Cret J-2	
20830	Poss L Cret J-2	
20831	Poss L Cret J-2	
20832	Poss L Cret J-2	
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20852	Poss L Cret J-2	
20853	Poss L Cret J-2	
20854	Poss L Cret J-2	
20855	Poss L Cret J-2	
20856	L Cret K zone	
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20860	L Cret L zone	
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20862	L Cret L zone	
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20867	L Cret L zone	
20868	L Cret L zone	
20869	L Cret L zone	
20870	L Cret L zone	
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20875	L Cret L zone	
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20885	L Cret L zone	
20886	L Cret L zone	
20887	L Cret L zone	
20888	L Cret K zone	
20889	Pliocene?	
20890	Pliocene?	
20891	Eocene	
20892	Eocene	
20893	Eocene	
20894	Eocene	
20895	Eocene	
20896	Eocene	
20897	Eocene	
20898	Eocene	
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20904	Eocene	
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20906	Eocene	
20907	Eocene	
20908	Eocene	
20909	Eocene	
20910	Eocene	
20911	Eocene	

	I	M
1	ONE/SERIES/AGI	
20912	Eocene	
20913	Eocene	
20914	Eocene	
20915	Eocene	
20916	Eocene	
20917	Eocene	
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20996	Eocene	

	I	M
1	ZONE/SERIES/AGI	
20997	Eocene	
20998	Eocene	
20999	Eocene	
21000	Eocene	
21001	Eocene	
21002	Eocene	
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21033	Eocene	
21034	Eocene	
21035	no paleo data	
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21078	no paleo data	
21079	no paleo data	
21080	no paleo data	
21081	no paleo data	

	I	M
1	ONE/SERIES/AGI	
21082	Eocene	
21083	Eocene	
21084	Eocene	
21085	Eocene	
21086	Eocene	
21087	Eocene	
21088	Eocene	
21089	Eocene	
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21097	Eocene	
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21099	Eocene	
21100	Eocene	
21101	no paleo data	
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21118	no paleo info	
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21152	no paleo info	
21153	no paleo info	
21154	no paleo info	
21155	no paleo info	
21156	Eocene	
21157	Eocene	
21158	Eocene	
21159	Eocene	
21160	Eocene	
21161	Luisian	
21162	Luisian	
21163	Saucesian	
21164	L or M Miocene	
21165	U Cret f/G zones	
21166	Pliocene?	

	I	M
1	ONE/SERIES/AG	
21167	Pliocene?	
21168	Eocene	
21169	Eocene	
21170	Eocene	
21171	Eocene	
21172	Eocene	
21173	Eocene	
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21235	Eocene	
21236	Eocene	
21237	Eocene	
21238	Eocene	
21239	Eocene	
21240	Eocene	
21241	Eocene	
21242	Miocene/Pliocene	
21243	Upper Miocene	
21244	Lower Pliocene	
21245	Lower Pliocene	
21246	Pliocene	
21247	Upper Miocene	
21248	Upper Miocene	
21249	Pliocene	
21250	not diagnostic	
21251	not diagnostic	

	I	M
1	ONE/SERIES/AGE	
21252	Miocene/Pliocene	
21253	Pliocene	
21254	?Upper Miocene	
21255	poss U Miocene	
21256	poss U Miocene	
21257	poss U Miocene	
21258	poss U Miocene	
21259	Pliocene	
21260	poss Pliocene	
21261	Cret/Paleocene??	
21262	Miocene/Pliocene	
21263	Upper Miocene	
21264	Lower Pliocene	
21265	Lower Pliocene	
21266	Pliocene	
21267	Pliocene	
21268	Pliocene	
21269	Pliocene	
21270	Pliocene	
21271	Pliocene	
21272	no paleo info	
21273	not diagnostic	
21274	not diagnostic	
21275	not diagnostic	
21276	not diagnostic	
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	M Eocene A-2 zone	
21285	L Luisian	
21286	L Saucesian	
21287	Relizian	
21288	Relizian	
21289	L Saucesian	
21290	L Saucesian	
21291	L Saucesian	
21292	Sauc/Relizian	
21293	Luisian	
21294	Eocene	
21295	Middle Miocene	
21296	Middle Miocene	
21297	Relizian	
21298	not diagnostic	
21299	poss Luisian	
21300	Middle Miocene	
21301	Middle Miocene	
21302	Relizian	
21303	Eocene	
21304	Eocene	
21305	Eocene	
21306	Eocene	
21307	Eocene	
21308	Eocene	
21309	Middle Miocene	
21310	Middle Miocene	
21311	no paleo info	
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21322	no paleo info	
21323	not diagnostic	
21324	not diagnostic	
21325	Middle Miocene	
21326	Lower Miocene	
21327	age not given	
21328	age not given	
21329	age not given	
21330	age not given	
21331	age not given	
21332	age not given	
21333	age not given	
21334	age not given	
21335	age not given	
21336	age not given	

	I	M
1	ONE/SERIES/AGT	
21337	age not given	
21338	Paleocene/Eocene	
21339	U Cret D zone	
21340	Relizian	
21341	Luisian	
21342	Middle Miocene	
21343	Luisian	
21344	Relizian	
21345	Middle Miocene	
21346	Middle Miocene	
21347	Relizian	
21348	Mohnian	
21349	Middle Miocene	
21350	Middle Miocene	
21351	Middle Miocene	
21352	Relizian	
21353	Middle Miocene	
21354	Upper Miocene	
21355	Upper Miocene	
21356	Middle Miocene	
21357	Middle Miocene	
21358	Relizian	
21359	Relizian	
21360	Luisian	
21361	Mohnian	
21362	Luisian	
21363	Luisian	
21364	no paleo info	
21365	no paleo info	
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21367	no paleo info	
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21415	no paleo info	
21416	no paleo info	
21417	Narizian	
21418	Narizian	
21419	Eocene	
21420	Eocene	
21421	Eocene	

	I	M
1	ONE/SERIES/AGI	
21422	Eocene	
21423	Eocene	
21424	Eocene	
21425	Eocene	
21426	Eocene	
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21501	Eocene	
21502	Eocene	
21503	Eocene	
21504	Eocene	
21505	Eocene	
21506	Eocene	

	I	M
1	ONE/SERIES/AGE	
21507	Eocene	
21508	Eocene	
21509	Eocene	
21510	Eocene	
21511	Eocene	
21512	M Eocene A-2 zon	
21513	M Eocene A-2 zon	
21514	M Eocene A-2 zon	
21515	M Eocene A-2 zon	
21516	M Eocene A-2 zon	
21517	M Eocene A-2 zon	
21518	M Eocene A-2 zon	
21519	M Eocene A-2 zon	
21520	M Eocene A-2 zon	
21521	M Eocene A-2 zon	
21522	M Eocene A-2 zon	
21523	M Eocene A-2 zon	
21524	M Eocene A-2 zon	
21525	M Eocene A-2 zon	
21526	M Eocene A-2 zon	
21527	M Eocene A-2 zon	
21528	M Eocene A-2 zon	
21529	M Eocene A-2 zon	
21530	M Eocene A-2 zon	
21531	M Eocene A-2 zon	
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21533	M Eocene A-2 zon	
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21537	M Eocene A-2 zon	
21538	M Eocene A-2 zon	
21539	M Eocene A-2 zon	
21540	Eocene	
21541	Eocene	
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21581	Eocene	
21582	Eocene	
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21586	Eocene	
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21588	Eocene	
21589	Eocene	
21590	no paleo info	
21591	no paleo info	

	I	M
1	ONE/SERIES/AGE	
21592	no paleo info	
21593	no paleo info	
21594	no paleo info	
21595	no paleo info	
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21633	no paleo info	
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21638	Mostly not diagnos	
21639	Mostly not diagnos	
21640	Mostly not diagnos	
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21644	no age provided	
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21665	Zemorrian?	
21666	not diagnostic	
21667	not diagnostic	
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21670	not diagnostic	
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21672	no paleo info	
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21674	no paleo info	
21675	no paleo info	
21676	Eocene	

	I	M
1	ONE/SERIES/AGF	
21677	Eocene	
21678	Eocene	
21679	Eocene	
21680	Eocene	
21681	Eocene	
21682	Eocene	
21683	Eocene	
21684	Upper? Miocene	
21685	Luisian	
21686	barren	
21687	barren	
21688	Luisian	
21689	Middle Miocene	
21690	Paleocene	
21691	Luisian	
21692	barren	
21693	barren	
21694	Prob Paleocene	
21695	barren	
21696	Luisian	
21697	barren	
21698	Luisian	
21699	Luisian	
21700	Luisian	
21701	Paleocene	
21702	barren	
21703	barren	
21704	barren	
21705	Eocene	
21706	Eocene	
21707	Paleocene	
21708	Paleocene	
21709	Paleocene or Eoc	
21710	Paleocene?	
21711	Paleocene or Eoc	
21712	Paleocene	
21713	Paleocene	
21714	Paleocene	
21715	Paleocene	
21716	Miocene	
21717	Paleocene	
21718	Paleocene	
21719	Paleocene?	
21720	Paleocene	
21721	Paleocene	
21722	Paleocene	
21723	Paleocene	
21724	Miocene	
21725	Eocene	
21726	Eocene	
21727	Eocene	
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21729	Eocene	
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21731	Eocene	
21732	Eocene	
21733	Miocene	
21734	Eocene	
21735	Eocene	
21736	Eocene?	
21737	Eocene?	
21738	Upper? Miocene	
21739	Eocene	
21740	Eocene	
21741	Eocene	
21742	possibly Eocene	
21743	Eocene	
21744	Eocene	
21745	not diagnostic	
21746	Eocene	
21747	Eocene	
21748	Eocene?	
21749	Paleocene?	
21750	Upper Miocene	
21751	Middle Miocene	
21752	Upper Miocene	
21753	all ostracods	
21754	all ostracods	
21755	no paleo info	
21756	U Cret D-2 zone	
21757	no paleo info	
21758	Middle Miocene	
21759	no paleo info	
21760	no paleo info	
21761	no paleo info	

	I	M
1	ONE/SERIES/AGI	
21762	no paleo info	
21763	no paleo info	
21764	not diagnostic	
21765	no paleo info	
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21767	no paleo info	
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21843	no paleo info	
21844	no paleo info	
21845	no paleo info	
21846	no paleo info	

	I	M
1	ONE/SERIES/AG	
21847	no paleo info	
21848	barren	
21849	Miocene	
21850	Saucesian	
21851	Luisian	
21852	U Cret G-1 zone	
21853	U Cret G-1 zone	
21854	U Cret G-1 zone	
21855	U Cret G-1 zone	
21856	U Cret G-1 zone	
21857	U Cret G-1 zone	
21858	U Cret G-1 zone	
21859	U Cret G-1 zone	
21860	U Cret G-1 zone	
21861	U Cret G-1 zone	
21862	U Cret G-1 zone	
21863	U Cret G-1 zone	
21864	U Cret G-1 zone	
21865	U Cret F-2 zone	
21866	U Cret F-2 zone	
21867	U Cret F-2 zone	
21868	U Cret F-2 zone	
21869	U Cret F-2 zone	
21870	U Cret F-2 zone	
21871	U Cret F-2 zone	
21872	U Cret F-2 zone	
21873	U Cret F-2 zone	
21874	U Cret F-2 zone	
21875	U Cret F-1 zone	
21876	U Cret F-1 zone	
21877	U Cret F-1 zone	
21878	U Cret F-1 zone	
21879	U Cret F-1 zone	
21880	U Cret F-1 zone	
21881	U Cret F-1 zone	
21882	U Cret F-1 zone	
21883	U Cret F-1 zone	
21884	U Cret F-1 zone	
21885	U Cret G-1 zone	
21886	U Cret G-1 zone	
21887	U Cret G-1 zone	
21888	U Cret G-1 zone	
21889	U Cret F-2 zone	
21890	U Cret F-2 zone	
21891	U Cret F-1 ?	
21892	U Cret F-1 ?	
21893	U Cret F-1 ?	
21894	U Cret F-1 ?	
21895	U Cret F-1 ?	
21896	U Cret F-1 ?	
21897	U Cret F-1 ?	
21898	U Cret F-1 ?	
21899	U Cret F-1 ?	
21900	U Cret F-1 ?	
21901	U Cret F-1 ?	
21902	U Cret F-1 ?	
21903	U Cret F-1 ?	
21904	U Cret F-1 ?	
21905	U Cret F-1 ?	
21906	U Cret F-1 ?	
21907	U Cret F-1 ?	
21908	U Cret F-1 ?	
21909	U Cret F-1 ?	
21910	Upper Cretaceous	
21911	Upper Cretaceous	
21912	Upper Cretaceous	
21913	Upper Cretaceous	
21914	Upper Cretaceous	
21915	Upper Cretaceous	
21916	Upper Cretaceous	
21917	Upper Cretaceous	
21918	Upper Cretaceous	
21919	Upper Cretaceous	
21920	Upper Cretaceous	
21921	Upper Cretaceous	
21922	Upper Cretaceous	
21923	Upper Cretaceous	
21924	Upper Cretaceous	
21925	Upper Cretaceous	
21926	Upper Cretaceous	
21927	Upper Cretaceous	
21928	Upper Cretaceous	
21929	Upper Cretaceous	
21930	Upper Cretaceous	
21931	Upper Cretaceous	

	I	M
1	ONE/SERIES/AGF	
21932	Upper Cretaceous	
21933	Upper Cretaceous	
21934	Upper Cretaceous	
21935	Upper Cretaceous	
21936	Upper Cretaceous	
21937	Upper Cretaceous	
21938	Upper Cretaceous	
21939	U Cret G-1 zone	
21940	U Cret G-1 zone	
21941	U Cret G-1 zone	
21942	U Cret G-1 zone	
21943	U Cret G-1 zone	
21944	U Cret G-1 zone	
21945	U Cret G-1 zone	
21946	U Cret G-1 zone	
21947	U Cret G-1 zone	
21948	U Cret G-1 zone	
21949	U Cret G-1 zone	
21950	U Cret G-1 zone	
21951	U Cret G-1 zone	
21952	U Cret G-1 zone	
21953	U Cret G-1 zone	
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21959	U Cret G-1 zone	
21960	U Cret G-1 zone	
21961	U Cret G-1 zone	
21962	U Cret F-1 zone	
21963	U Cret F-1 zone	
21964	U Cret F-1 zone	
21965	U Cret F-1 zone	
21966	U Cret F-1 zone	
21967	U Cret F-1 zone	
21968	U Cret F-2 zone	
21969	U Cret F-2 zone	
21970	U Cret F-2 zone	
21971	U Cret F-2 zone	
21972	U Cret F-2 zone	
21973	U Cret F-1 zone	
21974	U Cret F-1 zone	
21975	U Cret F-1 zone	
21976	not diagnostic	
21977	not diagnostic	
21978	not diagnostic	
21979	U Cret F zone	
21980	U Cret F zone	
21981	U Cret F zone	
21982	U Cret F zone	
21983	U Cret F zone	
21984	U Cret F zone	
21985	U Cret F zone	
21986	U Cret F zone	
21987	U Cret F zone	
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21989	U Cret F zone	
21990	U Cret F zone	
21991	U Cret F zone	
21992	U Cret F zone	
21993	U Cret F zone	
21994	U Cret F zone	
21995	U Cret F zone	
21996	U Cret F zone	
21997	U Cret F zone	
21998	not diagnostic	
21999	not diagnostic	
22000	not diagnostic	
22001	not diagnostic	
22002	not diagnostic	
22003	not diagnostic	
22004	not diagnostic	
22005	not diagnostic	
22006	not diagnostic	
22007	not diagnostic	
22008	not diagnostic	
22009	not diagnostic	
22010	U Cret F-1 zone	
22011	U Cret F-1 zone	
22012	U Cret F-1 zone	
22013	U Cret F-1 zone	
22014	U Cret F-1 zone	
22015	U Cret F-1 zone	
22016	U Cret F-2 zone	

	I	M
1	ONE/SERIES/AGf	
22017	U Cret F-2 zone	
22018	U Cret F-2 zone	
22019	U Cret F-2 zone	
22020	U Cret G-1 zone	
22021	U Cret G-1 zone	
22022	U Cret G-1 zone	
22023	U Cret G-1 zone	
22024	U Cret G-1 zone	
22025	U Cret G-1 zone	
22026	U Cret G-1 zone	
22027	U Cret G-1 zone	
22028	Upper Cretaceous	
22029	Upper Cretaceous	
22030	Upper Cretaceous	
22031	Upper Cretaceous	
22032	Upper Cretaceous	
22033	Upper Cretaceous	
22034	Upper Cretaceous	
22035	Upper Cretaceous	
22036	Upper Cretaceous	
22037	Upper Cretaceous	
22038	Upper Cretaceous	
22039	Upper Cretaceous	
22040	Upper Cretaceous	
22041	Upper Cretaceous	
22042	Upper Cretaceous	
22043	Upper Cretaceous	
22044	Upper Cretaceous	
22045	Upper Cretaceous	
22046	U Cret G-1 zone	
22047	no paleo info	
22048	no paleo info	
22049	no paleo info	
22050	no paleo info	
22051	no paleo info	
22052	no paleo info	
22053	Lower Cretaceous	
22054	Lower Cretaceous	
22055	not diagnostic	
22056	poss Paleocene E	
22057	L? Cretaceous	
22058	Eocene	
22059	Eocene	
22060	Eocene	
22061	Eocene	
22062	Eocene	
22063	Eocene	
22064	Eocene	
22065	Eocene	
22066	Eocene	
22067	Eocene	
22068	Eocene	
22069	Eocene	
22070	Eocene	
22071	Eocene	
22072	U Eoc A-1 zone	
22073	U Eoc A-1 zone	
22074	U Eoc A-1 zone	
22075	U Eoc A-1 zone	
22076	U Eoc A-1 zone	
22077	U Eoc A-1 zone	
22078	U Eoc A-1 zone	
22079	U Eoc A-1 zone	
22080	type Refugian	
22081	type Refugian	
22082	type Refugian	
22083	type Refugian	
22084	type Refugian	
22085	type Refugian	
22086	type Refugian	
22087	type Refugian	
22088	type Refugian	
22089	type Refugian	
22090	type Refugian	
22091	type Refugian	
22092	type Refugian	
22093	type Refugian	
22094	type Refugian	
22095	type Refugian	
22096	type Refugian	
22097	type Refugian	
22098	type Refugian	
22099	type Refugian	
22100	M Eoc A-2 zone	
22101	M Eoc A-2 zone	

	I	M
1	ONE/SERIES/AG	
22102	M Eoc A-2 zone	
22103	M Eoc A-2 zone	
22104	M Eoc A-2 zone	
22105	M Eoc A-2 zone	
22106	M Eoc A-2 zone	
22107	M Eoc A-2 zone	
22108	M Eoc A-2 zone	
22109	M Eoc A-2 zone	
22110	M Eoc A-2 zone	
22111	M Eoc A-2 zone	
22112	M Eoc A-2 zone	
22113	M Eoc A-2 zone	
22114	M Eoc A-2 zone	
22115	M Eoc A-2 zone	
22116	M Eoc A-2 zone	
22117	M Eoc A-2 zone	
22118	M Eoc A-2 zone	
22119	M Eoc A-2 zone	
22120	M Eoc A-2 zone	
22121	M Eoc A-2 zone	
22122	M Eoc A-2 zone	
22123	M Eoc A-2 zone	
22124	M Eoc A-2 zone	
22125	M Eoc A-2 zone	
22126	M Eoc A-2 zone	
22127	M Eoc A-2 zone	
22128	M Eoc A-2 zone	
22129	M Eoc A-2 zone	
22130	U Eoc A-1 zone	
22131	U Eoc A-1 zone	
22132	U Eoc A-1 zone	
22133	U Eoc A-1 zone	
22134	U Eoc A-1 zone	
22135	U Eoc A-1 zone	
22136	U Eoc A-1 zone	
22137	U Eoc A-1 zone	
22138	U Eoc A-1 zone	
22139	U Eoc A-1 zone	
22140	U Eoc A-1 zone	
22141	type Refugian	
22142	type Refugian	
22143	type Refugian	
22144	type Refugian	
22145	type Refugian	
22146	type Refugian	
22147	type Refugian	
22148	type Refugian	
22149	type Refugian	
22150	type Refugian	
22151	type Refugian	
22152	type Refugian	
22153	type Refugian	
22154	type Refugian	
22155	type Refugian	
22156	type Refugian	
22157	type Refugian	
22158	type Refugian	
22159	type Refugian	
22160	type Refugian	
22161	U Eoc A-2 zone	
22162	U Eoc A-2 zone	
22163	U Eoc A-2 zone	
22164	U Eoc A-2 zone	
22165	U Eoc A-2 zone	
22166	U Eoc A-2 zone	
22167	U Eoc A-2 zone	
22168	U Eoc A-2 zone	
22169	U Eoc A-2 zone	
22170	U Eoc A-2 zone	
22171	U Eoc A-2 zone	
22172	U Eoc A-2 zone	
22173	U Eoc A-2 zone	
22174	U Eoc A-2 zone	
22175	U Eoc A-2 zone	
22176	U Eoc A-2 zone	
22177	U Eoc A-2 zone	
22178	U Eoc A-2 zone	
22179	U Eoc A-2 zone	
22180	U Eoc A-2 zone	
22181	U Eoc A-2 zone	
22182	U Eoc A-2 zone	
22183	U Eoc A-2 zone	
22184	U Eoc A-2 zone	
22185	U Eoc A-2 zone	
22186	U Eoc A-2 zone	

	I	M
1	ONE/SERIES/AGE	
22187	U Eoc A-2 zone	
22188	U Eoc A-2 zone	
22189	U Eoc A-2 zone	
22190	type Refugian	
22191	type Refugian	
22192	type Refugian	
22193	type Refugian	
22194	type Refugian	
22195	type Refugian	
22196	type Refugian	
22197	type Refugian	
22198	type Refugian	
22199	type Refugian	
22200	type Refugian	
22201	type Refugian	
22202	type Refugian	
22203	type Refugian	
22204	type Refugian	
22205	type Refugian	
22206	U Eoc A-2 zone	
22207	U Eoc A-2 zone	
22208	U Eoc A-2 zone	
22209	U Eoc A-2 zone	
22210	U Eoc A-2 zone	
22211	U Eoc A-2 zone	
22212	U Eoc A-2 zone	
22213	U Eoc A-2 zone	
22214	U Eoc A-2 zone	
22215	U Eoc A-2 zone	
22216	U Eoc A-2 zone	
22217	U Eoc A-2 zone	
22218	U Eoc A-2 zone	
22219	U Eoc A-2 zone	
22220	U Eoc A-2 zone	
22221	U Eoc A-2 zone	
22222	U Eoc A-2 zone	
22223	U Eoc A-2 zone	
22224	U Eoc A-2 zone	
22225	U Eoc A-2 zone	
22226	U Eoc A-2 zone	
22227	U Eoc A-2 zone	
22228	U Eoc A-2 zone	
22229	no age provided	
22230	no age provided	
22231	no age provided	
22232	no paleo info	
22233	no paleo info	
22234	no paleo info	
22235	no paleo info	
22236	no paleo info	
22237	no paleo info	
22238	no paleo info	
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22249	no paleo info	
22250	no paleo info	
22251	no paleo info	
22252	no paleo info	
22253	no paleo info	
22254	no paleo info	
22255	Refugian	
22256	Lower Zemorrian	
22257	Lower Zemorrian	
22258	Lower Zemorrian	
22259	Lower Zemorrian	
22260	Lower Zemorrian	
22261	Lower Zemorrian	
22262	Lower Zemorrian	
22263	no paleo info	
22264	no paleo info	
22265	no paleo info	
22266	no paleo info	
22267	Have NP list on ca	
22268	no paleo info	
22269	no paleo info	
22270	no paleo info	
22271	no paleo info	

	I	M
1	ONE/SERIES/AGF	
22272	Have NP list on ca	
22273	no paleo info	
22274	no paleo info	
22275	no paleo info	
22276	no paleo info	
22277	no paleo info	
22278	no paleo info	
22279	no paleo info	
22280	no paleo info	
22281	no paleo info	
22282	no paleo info	
22283	Oligocene?	
22284	Middle Eocene	
22285	Middle Eocene	
22286	Middle Eocene	
22287	not diagnostic	
22288	not diagnostic	
22289	not diagnostic	
22290	not diagnostic	
22291	not diagnostic	
22292	not diagnostic	
22293	not diagnostic	
22294	not diagnostic	
22295	not diagnostic	
22296	not diagnostic	
22297	not diagnostic	
22298	not diagnostic	
22299	Cretaceous?	
22300	no paleo info	
22301	no paleo info	
22302	Relizian	
22303	M Miocene	
22304	U Relizian	
22305	not diagnostic	
22306	not diagnostic	
22307	U Miocene?	
22308	not diagnostic	
22309	Luisian?	
22310	Luisian?	
22311	no paleo info	
22312	M or L Miocene	
22313	no paleo info	
22314	Mio/Pliocene	
22315	U Miocene?	
22316	Relizian	
22317	Relizian?	
22318	Probably Saucesian	
22319	Zemorrian	
22320	Relizian?	
22321	Miocene?	
22322	Miocene?	
22323	Miocene?	
22324	Cret/Paleoc	
22325	not diagnostic	
22326	no paleo info	
22327	no paleo info	
22328	no paleo info	
22329	no paleo info	
22330	no paleo info	
22331	no paleo info	
22332	Middle? Miocene	
22333	no paleo info	
22334	not diagnostic	
22335	Luisian?	
22336	not diagnostic	
22337	U Zemorrian	
22338	Zemorrian	
22339	Zemorrian?	
22340	not diagnostic	
22341	Saucesian	
22342	Saucesian?	
22343	not diagnostic	
22344	barren	
22345	prob Zemorrian	
22346	no paleo info	
22347	no paleo info	
22348	no paleo info	
22349	Relizian	
22350	no paleo info	
22351	no paleo info	
22352	no paleo info	
22353	no paleo info	
22354	no paleo info	
22355	no paleo info	

	I	M
1	ONE/SERIES/AGT	
22356	no paleo info	
22357	no paleo info	
22358	no paleo info	
22359	no paleo info	
22360	no paleo info	
22361	no paleo info	
22362	no paleo info	
22363	no paleo info	
22364	no paleo info	
22365	no paleo info	
22366	no paleo info	
22367	no paleo info	
22368	no paleo info	
22369	no paleo info	
22370	no paleo info	
22371	no paleo info	
22372	no paleo info	
22373	U Cret G-2 zone	
22374	U Cret G-2 zone	
22375	U Cret G-2 zone	
22376	U Cret G-2 zone	
22377	U Cret G-2 zone	
22378	U Cret G-2 zone	
22379	U Cret H zone	
22380	U Cret H zone	
22381	U Cret H zone	
22382	U Cret H zone	
22383	U Cret H zone	
22384	U Cret H zone	
22385	U Cret H zone	
22386	U Cret H zone	
22387	U Cret H zone	
22388	U Cret H zone	
22389	U Cret H zone	
22390	U Cret H zone	
22391	U Cret H zone	
22392	U Cret H zone	
22393	U Cret H zone	
22394	U Cret H zone	
22395	U Cret H zone	
22396	U Cret H zone	
22397	U Cret H zone	
22398	U Cret H zone	
22399	U Cret H zone	
22400	U Cret H zone	
22401	U Cret H zone	
22402	U Cret H zone	
22403	U Cret H zone	
22404	U Cret H zone	
22405	U Cret H zone	
22406	U Cret H zone	
22407	U Cret H zone	
22408	U Cret H zone	
22409	U Cret H zone	
22410	U Cret H zone	
22411	U Cret H zone	
22412	U Cret H zone	
22413	U Cret H zone	
22414	U Cret H zone	
22415	U Cret H zone	
22416	U Cret H zone	
22417	U Cret H zone	
22418	U Cret H zone	
22419	U Cret H zone	
22420	U Cret H zone	
22421	U Cret H zone	
22422	U Cret H zone	
22423	U Cret H zone	
22424	U Cret H zone	
22425	U Cret H zone	
22426	U Cret H zone	
22427	U Cret H zone	
22428	U Cret H zone	
22429	U Cret H zone	
22430	U Cret H zone	
22431	U Cret H zone	
22432	U Cret H zone	
22433	U Cret H zone	
22434	U Cret H zone	
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22436	U Cret H zone	
22437	U Cret H zone	
22438	U Cret H zone	
22439	U Cret H zone	
22440	U Cret H zone	

	I	M
1	ONE/SERIES/AGF	
22441	U Cret H zone	
22442	U Cret H zone	
22443	U Cret H zone	
22444	U Cret H zone	
22445	U Cret H zone	
22446	U Cret H zone	
22447	U Cret H zone	
22448	U Cret H zone	
22449	U Cret H zone	
22450	U Cret H zone	
22451	U Cret H zone	
22452	U Cret H zone	
22453	U Cret I zone	
22454	U Cret I zone	
22455	U Cret I zone	
22456	U Cret I zone	
22457	U Cret I zone	
22458	U Cret I zone	
22459	U Cret I zone	
22460	U Cret I zone	
22461	U Cret I zone	
22462	U Cret I zone	
22463	U Cret I zone	
22464	U Cret I zone	
22465	U Cret I zone	
22466	U Cret I zone	
22467	U Cret I zone	
22468	U Cret I zone	
22469	U Cret I zone	
22470	U Cret I zone	
22471	U Cret I zone	
22472	U Cret I zone	
22473	U Cret I zone	
22474	U Cret I zone	
22475	U Cret I zone	
22476	U Cret I zone	
22477	U Cret I zone	
22478	U Cret I zone	
22479	U Cret I zone	
22480	U Cret I zone	
22481	U Cret I zone	
22482	U Cret I zone	
22483	U Cret I zone	
22484	no new paleo info	
22485	no new paleo info	
22486	no new paleo info	
22487	no new paleo info	
22488	no new paleo info	
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22490	no new paleo info	
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22524	no new paleo info	
22525	no new paleo info	

	I	M
1	ONE/SERIES/AG	
22526	no new paleo info	
22527	no new paleo info	
22528	no new paleo info	
22529	no new paleo info	
22530	no new paleo info	
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22537	no new paleo info	
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22581	no new paleo info	
22582	no new paleo info	
22583	no new paleo info	
22584	no new paleo info	
22585	no new paleo info	
22586	no new paleo info	
22587	U Cret J-1 zone	
22588	U Cret J-1 zone	
22589	U Cret J-1 zone	
22590	U Cret J-1 zone	
22591	L Cret J-1 zone	
22592	L Cret J-1 zone	
22593	U Cret F-1 zone	
22594	U Cret F-1 zone	
22595	U Cret F-1 zone	
22596	U Cret F-1 zone	
22597	U Cret F-1 zone	
22598	U Cret F-1 zone	
22599	U Cret F-1 zone	
22600	U Cret F-1 zone	
22601	U Cret F-1 zone	
22602	U Cret F-1 zone	
22603	U Cret F-1 zone	
22604	U Cret F-1 zone	
22605	U Cret F-1 zone	
22606	U Cret F-1 zone	
22607	U Cret F-1 zone	
22608	U Cret F-1 zone	
22609	U Cret F-1 zone	
22610	U Cret F-1 zone	

	I	M
1	ONE/SERIES/AG	
22611	U Cret F-2 zone	
22612	U Cret F-2 zone	
22613	U Cret F-2 zone	
22614	U Cret F-2 zone	
22615	U Cret F-2 zone	
22616	U Cret F-2 zone	
22617	U Cret F-2 zone	
22618	U Cret F-2 zone	
22619	U Cret F-2 zone	
22620	U Cret F-2 zone	
22621	U Cret F-2 zone	
22622	U Cret F-2 zone	
22623	U Cret F-2/G-1	
22624	U Cret F-2/G-1	
22625	U Cret F-2/G-1	
22626	U Cret G-1 zone	
22627	U Cret G-1 zone	
22628	U Cret G-1 zone	
22629	U Cret G-1 zone	
22630	U Cret G-1 zone	
22631	U Cret G-1 zone	
22632	U Cret G-1 zone	
22633	U Cret G-1 zone	
22634	U Cret G-1 zone	
22635	U Cret G-1 zone	
22636	prob Refugian	
22637	U Eocene A zone	
22638	not diagnostic	
22639	not diagnostic	
22640	not diagnostic	
22641	poss Eocene	
22642	not diagnostic	
22643	not diagnostic	
22644	prob Refugian	
22645	not diagnostic	
22646	barren	
22647	not diagnostic	
22648	Refugian	
22649	U Eocene A zone	
22650	U Eocene A zone	
22651	U Cret C/D-1 zone	
22652	U Eocene A zone	
22653	U Eocene A zone	
22654	U Eocene A zone	
22655	U Eocene A zone	
22656	U Eocene A zone	
22657	U Cret E/F zones	
22658	U Cret C/D zones	
22659	U Cret C/D zones	
22660	Narizian/Refugian	
22661	U Cret F/G-1	
22662	U Cret F/G-1	
22663	U Cret E/G-1	
22664	U Eocene A zone	
22665	Upper Cretaceous	
22666	L Eocene C zone	
22667	U Eocene A zone	
22668	Upper Cretaceous	
22669	Upper Cretaceous	
22670	Upper Cretaceous	
22671	no paleo info	
22672	no paleo info	
22673	no paleo info	
22674	no paleo info	
22675	no paleo info	
22676	no paleo info	
22677	no paleo info	
22678	no paleo info	
22679	Upper Cretaceous	
22680	Upper Cretaceous	
22681	Upper Eocene	
22682	no paleo info	
22683	no paleo info	
22684	no paleo info	
22685	no paleo info	
22686	no paleo info	
22687	no paleo info	
22688	no paleo info	
22689	no paleo info	
22690	no paleo info	
22691	no paleo info	
22692	no paleo info	
22693	no paleo info	
22694	no paleo info	
22695	Cretaceous	

	I	M
1	ONE/SERIES/AGT	
22696	no paleo info	
22697	no paleo info	
22698	Luisian	
22699	Luisian	
22700	barren	
22701	barren	
22702	barren	
22703	not diagnostic	
22704	Middle Miocene	
22705	Middle Miocene	
22706	?Middle Miocene	
22707	barren	
22708	barren	
22709	Middle Miocene	
22710	Middle Miocene	
22711	Middle Miocene	
22712	Middle Miocene	
22713	Middle Miocene	
22714	no paleo info	
22715	no paleo info	
22716	no paleo info	
22717	no paleo info	
22718	Middle Mohnian	
22719	Middle Mohnian	
22720	Middle Mohnian	
22721	Middle Mohnian	
22722	Middle Mohnian	
22723	Middle Mohnian	
22724	Middle Mohnian	
22725	Middle Mohnian	
22726	Middle Mohnian	
22727	Middle Mohnian	
22728	Middle Mohnian	
22729	Middle Mohnian	
22730	Middle Mohnian	
22731	Middle Mohnian	
22732	Middle Mohnian	
22733	Middle Mohnian	
22734	Middle Mohnian	
22735	Middle Mohnian	
22736	Middle Mohnian	
22737	Middle Mohnian	
22738	Middle Mohnian	
22739	Middle Mohnian	
22740	Middle Mohnian	
22741	Middle Mohnian	
22742	Middle Mohnian	
22743	Middle Mohnian	
22744	Middle Mohnian	
22745	Middle Mohnian	
22746	Middle Mohnian	
22747	Middle Mohnian	
22748	Middle Mohnian	
22749	Middle Mohnian	
22750	Middle Mohnian	
22751	Middle Mohnian	
22752	Middle Mohnian	
22753	Middle Mohnian	
22754	Middle Mohnian	
22755	Middle Mohnian	
22756	Middle Mohnian	
22757	Middle Mohnian	
22758	Lower Mohnian	
22759	Lower Mohnian	
22760	not diagnostic	
22761	Lower Mohnian	
22762	Lower Mohnian	
22763	Lower Mohnian	
22764	not diagnostic	
22765	Mohnian	
22766	Mohnian	
22767	no paleo info	
22768	no paleo info	
22769	no paleo info	
22770	no paleo info	
22771	no paleo info	
22772	no paleo info	
22773	no paleo info	
22774	Mohnian or older	
22775	no paleo info	
22776	no paleo info	
22777	no paleo info	
22778	no paleo info	
22779	no paleo info	
22780	no paleo info	

	I	M
1	ONE/SERIES/AGF	
22781	no paleo info	
22782	no paleo info	
22783	no paleo info	
22784	poss Mohnian	
22785	not diagnostic	
22786	not diagnostic	
22787	not diagnostic	
22788	Upper Mohnian	
22789	Upper Mohnian	
22790	Upper Mohnian	
22791	Mohnian	
22792	Miocene/Pliocene	
22793	Saucesian	
22794	Pliocene	
22795	Cret/Paleocene	
22796	no ages given but	
22797	poss all Eocene	
22798	poss all Eocene	
22799	poss all Eocene	
22800	poss all Eocene	
22801	poss all Eocene	
22802	poss all Eocene	
22803	poss all Eocene	
22804	poss all Eocene	
22805	poss all Eocene	
22806	poss all Eocene	
22807	poss all Eocene	
22808	poss all Eocene	
22809	poss all Eocene	
22810	poss all Eocene	
22811	poss all Eocene	
22812	poss all Eocene	
22813	poss all Eocene	
22814	poss all Eocene	
22815	poss all Eocene	
22816	poss all Eocene	
22817	poss all Eocene	
22818	poss all Eocene	
22819	poss all Eocene	
22820	poss all Eocene	
22821	poss all Eocene	
22822	poss all Eocene	
22823	poss all Eocene	
22824	poss all Eocene	
22825	poss all Eocene	
22826	poss all Eocene	
22827	poss all Eocene	
22828	poss all Eocene	
22829	poss all Eocene	
22830	poss all Eocene	
22831	poss all Eocene	
22832	poss all Eocene	
22833	poss all Eocene	
22834	poss all Eocene	
22835	poss all Eocene	
22836	poss all Eocene	
22837	poss all Eocene	
22838	poss all Eocene	
22839	poss all Eocene	
22840	poss all Eocene	
22841	poss all Eocene	
22842	poss all Eocene	
22843	poss all Eocene	
22844	poss all Eocene	
22845	poss all Eocene	
22846	poss all Eocene	
22847	poss all Eocene	
22848	poss all Eocene	
22849	poss all Eocene	
22850	not diagnostic	
22851	not diagnostic	
22852	not diagnostic	
22853	no paleo info	
22854	no paleo info	
22855	no paleo info	
22856	no paleo info	
22857	no paleo info	
22858	no paleo info	
22859	no paleo info	
22860	no paleo info	
22861	no paleo info	
22862	no paleo info	
22863	no paleo info	
22864	no paleo info	
22865	no paleo info	

	I	M
1	ONE/SERIES/AG	
22866	Luisian	
22867	Luisian	
22868	Luisian	
22869	no paleo info	
22870	no paleo info	
22871	? Delmontain	
22872	? Delmontain	
22873	? Delmontain	
22874	? Delmontain	
22875	? Delmontain	
22876	? Delmontain	
22877	? Delmontain	
22878	? Delmontain	
22879	? Delmontain	
22880	? Delmontain	
22881	? Delmontain	
22882	? Delmontain	
22883	? Delmontain	
22884	? Delmontain	
22885	? Delmontain	
22886	? Delmontain	
22887	Upper Mohnian	
22888	Upper Mohnian	
22889	Upper Mohnian	
22890	Upper Mohnian	
22891	Upper Mohnian	
22892	Upper Mohnian	
22893	Upper Mohnian	
22894	Upper Mohnian	
22895	not diagnostic	
22896	not diagnostic	
22897	Cretaceous	
22898	no paleo info	
22899	no paleo info	
22900	no paleo info	
22901	no paleo info	
22902	no paleo info	
22903	no paleo info	
22904	no paleo info	
22905	no paleo info	
22906	no paleo info	
22907	no paleo info	
22908	no paleo info	
22909	no paleo info	
22910	no paleo info	
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22914	no paleo info	
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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	Miocene	
22932	Lower Miocene	
22933	prob Zemorrian	
22934	Zemorrian	
22935	Zemorrian	
22936	no paleo info	
22937	no paleo info	
22938	no paleo info	
22939	no paleo info	
22940	no paleo info	
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	

	I	M
1	ONE/SERIES/AGT	
22951	no paleo info	
22952	no paleo info	
22953	Middle Eocene	
22954	Middle Eocene	
22955	Middle Eocene	
22956	Middle Eocene	
22957	Middle Eocene	
22958	Middle Eocene	
22959	Middle Eocene	
22960	Middle Eocene	
22961	Middle Eocene	
22962	Middle Eocene	
22963	Middle Eocene	
22964	Middle Eocene	
22965	Middle Eocene	
22966	Middle Eocene	
22967	Middle Eocene	
22968	Middle Eocene	
22969	Middle Eocene	
22970	Middle Eocene	
22971	Middle Eocene	
22972	Middle Eocene	
22973	Middle Eocene	
22974	Middle Eocene	
22975	Middle Eocene	
22976	Middle Eocene	
22977	Middle Eocene	
22978	Middle Eocene	
22979	Middle Eocene	
22980	Middle Eocene	
22981	Middle Eocene	
22982	Middle Eocene	
22983	Middle Eocene	
22984	Middle Eocene	
22985	Middle Eocene	
22986	Middle Eocene	
22987	Middle Eocene	
22988	Eocene	
22989	Eocene	
22990	Eocene	
22991	Eocene	
22992	barren	
22993	Middle Eocene	
22994	Middle Eocene	
22995	Middle Eocene	
22996	Middle Eocene	
22997	Middle Eocene	
22998	Middle Eocene	
22999	Middle Eocene	
23000	Middle Eocene	
23001	no paleo info	
23002	no paleo info	
23003	Eocene	
23004	Eocene	
23005	Eocene	
23006	Eocene	
23007	Eocene	
23008	Eocene	
23009	Eocene	
23010	Eocene	
23011	Eocene	
23012	Eocene	
23013	Eocene	
23014	Eocene	
23015	Eocene	
23016	Eocene	
23017	Eocene	
23018	Upper Relizian	
23019	Upper Relizian	
23020	Upper Eocene	
23021	prob Eocene	
23022	Relizian	
23023	Relizian	
23024	Refugian	
23025	Refugian	
23026	Refugian	
23027	Eocene	
23028	Eocene	
23029	Relizian	
23030	Eocene	
23031	Eocene	
23032	Eocene	
23033	Eocene	
23034	Eocene	
23035	not diagnostic	

	I	M
1	ONE/SERIES/AGF	
23036	not diagnostic	
23037	not diagnostic	
23038	not diagnostic	
23039	Relizian	
23040	Luisian	
23041	Saucesian	
23042	Eocene	
23043	Luisian	
23044	Lower Mohnian	
23045	Lower Mohnian	
23046	Luisian	
23047	Luisian	
23048	not diagnostic	
23049	Eocene	
23050	Eocene	
23051	Eocene	
23052	Eocene	
23053	Lower Miocene	
23054	Upper Eocene	
23055	barren	
23056	Upper Eocene	
23057	Upper Eocene	
23058	Upper Eocene	
23059	Upper Eocene	
23060	Upper Eocene	
23061	Upper Eocene	
23062	Relizian	
23063	Relizian	
23064	Relizian	
23065	Eocene	
23066	Eocene	
23067	Eocene	
23068	Eocene	
23069	Middle Eocene	
23070	Lower Eocene	
23071	Lower Eocene	
23072	Eocene	
23073	not diagnostic	
23074	not diagnostic	
23075	Lower Eocene	
23076	Lower Eocene	
23077	Lower Eocene	
23078	Lower Eocene	
23079	not diagnostic	
23080	not diagnostic	
23081	not diagnostic	
23082	not diagnostic	
23083	Saucesian?	
23084	not diagnostic	
23085	Middle Miocene	
23086	Middle Miocene	
23087	no paleo info	
23088	Upper Eocene	
23089	Upper Eocene	
23090	Upper Eocene	
23091	prob Eocene	
23092	prob Eocene	
23093	no paleo info	
23094	no paleo info	
23095	no paleo info	
23096	Upper Cretaceous	
23097	Upper Cretaceous	
23098	Upper Cretaceous	
23099	Upper Cretaceous	
23100	Upper Cretaceous	
23101	Upper Cretaceous	
23102	Upper Cretaceous	
23103	Upper Cretaceous	
23104	Upper Cretaceous	
23105	Upper Cretaceous	
23106	Upper Cretaceous	
23107	Upper Cretaceous	
23108	Upper Cretaceous	
23109	Upper Cretaceous	
23110	Upper Cretaceous	
23111	Upper Cretaceous	
23112	Upper Cretaceous	
23113	Upper Cretaceous	
23114	Upper Cretaceous	
23115	Upper Cretaceous	
23116	Upper Cretaceous	
23117	Upper Cretaceous	
23118	Upper Cretaceous	
23119	Upper Cretaceous	
23120	no paleo info	

	I	M
1	ONE/SERIES/AGT	
23121	no paleo info	
23122	Eocene	
23123	no paleo info	
23124	no paleo info	
23125	no paleo info	
23126	no paleo info	
23127	no paleo info	
23128	no paleo info	
23129	no paleo info	
23130	no paleo info	
23131	no paleo info	
23132	no paleo info	
23133	no paleo info	
23134	Miocene?	
23135	Miocene	
23136	Miocene	
23137	Miocene	
23138	Miocene	
23139	Miocene	
23140	Miocene	
23141	Miocene	
23142	Miocene	
23143	Miocene	
23144	Miocene	
23145	Miocene	
23146	Miocene	
23147	Eocene or Miocene	
23148	Eocene or Miocene	
23149	Miocene	
23150	Miocene	
23151	Miocene	
23152	Eocene or Miocene	
23153	Eocene or Miocene	
23154	Eocene or Miocene	
23155	Miocene	
23156	Cretaceous?	
23157	Eocene or Cret	
23158	Eocene?	
23159	Eocene?	
23160	Eocene or Cret	
23161	Cretaceous?	
23162	Cretaceous?	
23163	Upper Eocene	
23164	? Cretaceous	
23165	? Cretaceous	
23166	? Cretaceous	
23167	? Cretaceous	
23168	? Cretaceous	
23169	Lower Eocene	
23170	Lower Eocene	
23171	Lower Eocene	
23172	Lower Eocene	
23173	Lower Eocene	
23174	Lower Eocene	
23175	Lower Eocene	
23176	Lower Eocene	
23177	Lower Eocene	
23178	Lower Eocene	
23179	Lower Eocene	
23180	Lower Eocene	
23181	Lower Eocene	
23182	not diagnostic	
23183	Eocene	
23184	U Cret E zone	
23185	U Cret E zone	
23186	Upper Cretaceous	
23187	U Cret D-2 zone	
23188	U Cret D/E zones	
23189	Cretaceous	
23190	not diagnostic	
23191	Cretaceous	
23192	Cretaceous	
23193	Cretaceous	
23194	Cretaceous	
23195	not diagnostic	
23196	Upper Cretaceous	
23197	contaminated	
23198	contaminated?	
23199	Cretaceous	
23200	not diagnostic	
23201	not diagnostic	
23202	not diagnostic	
23203	not diagnostic	
23204	not diagnostic	
23205	not diagnostic	

	I	M
1	ONE/SERIES/AG	
23206	contaminated	
23207	contaminated	
23208	contaminated	
23209	not diagnostic	
23210	not diagnostic	
23211	not diagnostic	
23212	Upper Cretaceous	
23213	Lower Eocene	
23214	not diagnostic	
23215	Lower Eocene	
23216	Lower Eocene	
23217	Lower Eocene	
23218	Lower Eocene	
23219	Lower Eocene	
23220	Paleocene	
23221	Paleocene	
23222	Lower Eocene	
23223	Lower Eocene	
23224	Lower Eocene	
23225	Lower Eocene	
23226	Lower Eocene	
23227	Lower Eocene	
23228	Lower Eocene	
23229	Lower Eocene	
23230	Lower Eocene	
23231	Lower Eocene	
23232	Lower Eocene	
23233	Lower Eocene	
23234	Lower Eocene	
23235	Cret/Paleocene	
23236	Cret/Paleocene	
23237	Cret/Paleocene	
23238	Upper Cretaceous	
23239	Upper Cretaceous	
23240	Upper Cretaceous	
23241	Upper Cretaceous	
23242	no paleo info	
23243	no paleo info	
23244	no paleo info	
23245	no paleo info	
23246	Lower Eocene	
23247	Lower Eocene	
23248	Lower Eocene	
23249	Lower Eocene	
23250	Lower Eocene	
23251	Lower Eocene	
23252	Lower Eocene	
23253	Middle Eocene	
23254	Middle Eocene	
23255	no paleo info	
23256	no paleo info	
23257	no paleo info	
23258	no paleo info	
23259	no paleo info	
23260	no paleo info	
23261	no paleo info	
23262	no paleo info	
23263	no paleo info	
23264	no paleo info	
23265	no paleo info	
23266	no paleo info	
23267	no paleo info	
23268	no paleo info	
23269	Cretaceous	
23270	Cretaceous	
23271	no paleo info	
23272	no paleo info	
23273	no paleo info	
23274	no paleo info	
23275	no paleo info	
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23284	no paleo info	
23285	no paleo info	
23286	no paleo info	
23287	no paleo info	
23288	no paleo info	
23289	no paleo info	
23290	no paleo info	

	I	M
1	ONE/SERIES/AGT	
23291	no paleo info	
23292	no paleo info	
23293	no paleo info	
23294	no paleo info	
23295	no paleo info	
23296	no paleo info	
23297	no paleo info	
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23299	no paleo info	
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23309	no paleo info	
23310	no paleo info	
23311	no paleo info	
23312	no paleo info	
23313	no paleo info	
23314	no paleo info	
23315	no paleo info	
23316	no paleo info	
23317	no paleo info	
23318	no paleo info	
23319	no paleo info	
23320	no paleo info	
23321	no paleo info	
23322	Lower Eocene	
23323	Lower Eocene	
23324	Lower Eocene	
23325	Lower Eocene	
23326	Lower Eocene	
23327	Lower Eocene	
23328	Lower Eocene	
23329	Lower Eocene	
23330	Lower Eocene	
23331	Lower Eocene	
23332	Lower Eocene	
23333	Lower Eocene	
23334	Lower Eocene	
23335	Lower Eocene	
23336	Middle Eocene	
23337	Middle Eocene	
23338	Middle Eocene	
23339	Middle Eocene	
23340	Middle Eocene	
23341	Middle Eocene	
23342	Middle Eocene	
23343	Middle Eocene	
23344	Middle Eocene	
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23346	Middle Eocene	
23347	Middle Eocene	
23348	Middle Eocene	
23349	Middle Eocene	
23350	Middle Eocene	
23351	Middle Eocene	
23352	Middle Eocene	
23353	Middle Eocene	
23354	no paleo info	
23355	no paleo info	
23356	no paleo info	
23357	no paleo info	
23358	no paleo info	
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23360	no paleo info	
23361	no paleo info	
23362	no paleo info	
23363	no paleo info	
23364	no paleo info	
23365	no paleo info	
23366	no paleo info	
23367	Luisian	
23368	no paleo info	
23369	Miocene	
23370	no paleo info	
23371	no paleo info	
23372	Relizian	
23373	not diagnostic	
23374	not diagnostic	
23375	not diagnostic	

	I	M
1	ONE/SERIES/AGF	
23376	Mohnian	
23377	Upper Miocene	
23378	barren	
23379	Upper Miocene	
23380	Upper Miocene	
23381	not diagnostic	
23382	Zemorrian	
23383	Zemorrian	
23384	Zemorrian	
23385	Zemorrian	
23386	Zemorrian	
23387	Zemorrian	
23388	Zemorrian	
23389	Saucesian	
23390	Saucesian	
23391	Saucesian	
23392	Saucesian	
23393	Saucesian	
23394	Saucesian	
23395	Saucesian	
23396	Saucesian	
23397	Saucesian	
23398	Saucesian	
23399	Saucesian	
23400	Saucesian	
23401	Saucesian	
23402	Saucesian	
23403	Saucesian	
23404	Saucesian	
23405	Saucesian	
23406	Saucesian	
23407	Saucesian	
23408	Saucesian	
23409	Saucesian	
23410	Saucesian	
23411	Saucesian	
23412	Saucesian	
23413	Saucesian	
23414	Saucesian	
23415	Saucesian	
23416	Saucesian	
23417	Saucesian	
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23424	Saucesian	
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23426	Saucesian	
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23431	Saucesian	
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23433	Saucesian	
23434	Saucesian	
23435	Saucesian	
23436	Saucesian	
23437	Saucesian	
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23439	Saucesian	
23440	Saucesian	
23441	Saucesian	
23442	Saucesian	
23443	Saucesian	
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23445	Saucesian	
23446	Saucesian	
23447	Saucesian	
23448	Saucesian	
23449	Saucesian	
23450	Saucesian	
23451	Saucesian	
23452	Saucesian	
23453	Saucesian	
23454	Saucesian	
23455	Saucesian	
23456	Saucesian	
23457	Saucesian	
23458	Saucesian	
23459	Saucesian	
23460	Saucesian	

	I	M
1	ONE/SERIES/AG	
23461	Saucesian	
23462	Saucesian	
23463	Saucesian	
23464	Saucesian	
23465	Saucesian	
23466	Saucesian	
23467	Saucesian	
23468	Saucesian	
23469	Saucesian	
23470	Saucesian	
23471	Saucesian	
23472	Saucesian	
23473	Saucesian	
23474	Saucesian	
23475	Saucesian	
23476	Saucesian	
23477	Saucesian	
23478	Saucesian	
23479	Saucesian	
23480	Saucesian	
23481	Saucesian	
23482	Saucesian	
23483	Saucesian	
23484	Saucesian	
23485	Saucesian	
23486	Saucesian	
23487	Saucesian	
23488	Saucesian	
23489	Saucesian	
23490	Saucesian	
23491	Saucesian	
23492	Saucesian	
23493	Saucesian	
23494	Saucesian	
23495	Saucesian	
23496	Saucesian	
23497	Saucesian	
23498	Saucesian	
23499	Saucesian	
23500	Saucesian	
23501	Saucesian	
23502	Saucesian	
23503	Saucesian	
23504	Saucesian	
23505	Saucesian	
23506	Saucesian	
23507	Saucesian	
23508	Saucesian	
23509	Saucesian	
23510	Saucesian	
23511	Saucesian	
23512	Saucesian	
23513	Saucesian	
23514	Saucesian	
23515	Saucesian	
23516	Saucesian	
23517	Saucesian	
23518	Saucesian	
23519	Saucesian	
23520	Saucesian	
23521	Saucesian	
23522	Saucesian	
23523	Saucesian	
23524	Saucesian	
23525	Saucesian	
23526	Saucesian	
23527	Saucesian	
23528	Saucesian	
23529	Saucesian	
23530	Saucesian	
23531	Saucesian	
23532	Saucesian	
23533	Saucesian	
23534	Saucesian	
23535	Saucesian	
23536	Saucesian	
23537	Saucesian	
23538	Saucesian	
23539	Saucesian	
23540	Saucesian	
23541	Saucesian	
23542	Saucesian	
23543	Saucesian	
23544	Saucesian	
23545	Saucesian	

	I	M
1	ONE/SERIES/AG	
23546	Saucesian	
23547	Saucesian	
23548	Saucesian	
23549	Saucesian	
23550	Saucesian	
23551	Saucesian	
23552	Saucesian	
23553	Saucesian	
23554	Saucesian	
23555	Saucesian	
23556	Saucesian	
23557	Saucesian	
23558	Saucesian	
23559	Saucesian	
23560	Saucesian	
23561	Saucesian	
23562	Saucesian	
23563	Saucesian	
23564	Saucesian	
23565	Saucesian	
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23583	Saucesian	
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23600	Saucesian	
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23608	Saucesian	
23609	Saucesian	
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23622	Saucesian	
23623	Saucesian	
23624	Saucesian	
23625	Saucesian	
23626	Zemorrian	
23627	Zemorrian	
23628	Zemorrian	
23629	Zemorrian	
23630	Zemorrian	

	I	M
1	ONE/SERIES/AGF	
23631	Zemorrian	
23632	Zemorrian	
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23634	Zemorrian	
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23655	Zemorrian	
23656	Zemorrian	
23657	Saucesian	
23658	Saucesian	
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23660	Saucesian	
23661	Saucesian	
23662	Saucesian	
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23665	Saucesian	
23666	Saucesian	
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23668	Saucesian	
23669	Saucesian	
23670	Saucesian	
23671	Saucesian	
23672	Saucesian	
23673	Saucesian	
23674	Saucesian	
23675	Middle Eocene	
23676	Middle Eocene	
23677	Middle Eocene	
23678	Middle Eocene	
23679	Middle Eocene	
23680	Middle Eocene	
23681	Middle Eocene	
23682	Narizian	
23683	Narizian	
23684	Narizian	
23685	Narizian	
23686	Narizian	
23687	Narizian	
23688	Narizian	
23689	Narizian	
23690	Narizian?	
23691	Narizian?	
23692	Narizian?	
23693	Narizian?	
23694	Narizian?	
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23699	Eocene	
23700	Eocene	
23701	no paleo info	
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23710	no paleo info	
23711	Lower Eocene?	
23712	no paleo info	
23713	no paleo info	
23714	no paleo info	
23715	no paleo info	

	I	M
1	ONE/SERIES/AGF	
23716	no paleo info	
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23718	Saucesian	
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23726	Saucesian	
23727	Saucesian	
23728	Saucesian	
23729	Saucesian	
23730	not diagnostic	
23731	not diagnostic	
23732	not diagnostic	
23733	Middle Miocene	
23734	Middle Miocene	
23735	not diagnostic	
23736	Middle Miocene	
23737	no paleo info	
23738	M or U Miocene	
23739	M or U Miocene	
23740	M or U Miocene	
23741	M or U Miocene	
23742	not diagnostic	
23743	not diagnostic	
23744	not diagnostic	
23745	not diagnostic	
23746	Middle Miocene	
23747	not diagnostic	
23748	Luisian	
23749	Luisian	
23750	Miocene/Pliocene	
23751	not diagnostic	
23752	Luisian	
23753	Eocene	
23754	Eocene	
23755	Eocene	
23756	not diagnostic	
23757	Eocene	
23758	Saucesian?	
23759	Saucesian	
23760	Upper Saucesian	
23761	Upper Saucesian	
23762	Upper Saucesian	
23763	not diagnostic	
23764	not diagnostic	
23765	Eocene, prob C zo	
23766	Eocene, prob C zo	
23767	Eocene, prob C zo	
23768	Eocene, prob C zo	
23769	Eocene, prob C zo	
23770	Eocene, prob C zo	
23771	Eocene, prob C zo	
23772	Upper Eocene	
23773	Upper Eocene	
23774	Upper Eocene	
23775	Upper Eocene	
23776	Saucesian	
23777	Upper Saucesian	
23778	Upper Saucesian	
23779	Upper Saucesian	
23780	Upper Saucesian	
23781	Upper Saucesian	
23782	Sauc/ Relizian	
23783	Sauc/ Relizian	
23784	Upper Eocene	
23785	Upper Eocene	
23786	Upper Eocene	
23787	Upper Eocene	
23788	Upper Eocene	
23789	not diagnostic	
23790	Sauc/ Relizian	
23791	Sauc/ Relizian	
23792	Sauc/ Relizian	
23793	Eocene	
23794	Eocene	
23795	Sauc/ Relizian	
23796	no paleo info	
23797	no paleo info	
23798	no paleo info	

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1	ONE/SERIES/AGT	
23799	no paleo info	
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23801	Upper Paleocene	
23802	Upper Paleocene	
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23838	Upper Paleocene	
23839	Upper Paleocene	
23840	Lower Eocene	
23841	Lower Eocene	
23842	Lower Eocene	
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23869	Lower Eocene	
23870	Middle Eocene	
23871	Middle Eocene	
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23883	Middle Eocene	

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1	ZONE/SERIES/AGT	
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23901	Middle Eocene	
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23916	Middle Eocene	
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23922	Middle Eocene	
23923	Middle Eocene	
23924	Middle Eocene	
23925	Lower Eocene	
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23959	Lower Eocene	
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23964	Lower Eocene	
23965	Lower Eocene	
23966	Lower Eocene	
23967	Lower Eocene	
23968	Lower Eocene	

	I	M
1	ONE/SERIES/AGT	
23969	Lower Eocene	
23970	Lower Eocene	
23971	Lower Eocene	
23972	Lower Eocene	
23973	Middle Eocene	
23974	Middle Eocene	
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23989	Middle Eocene	
23990	Middle Eocene	
23991	Middle Eocene	
23992	Middle Eocene	
23993	Relizian?	
23994	Saucesian?	
23995	Saucesian	
23996	Eocene	
23997	Eocene?	
23998	Eocene?	
23999	Pleistocene	
24000	Lower Luisian	
24001	Relizian	
24002	Lower Mohnian	
24003	Mohnian	
24004	Middle Mohnian	
24005	Mohnian	
24006	Mohnian	
24007	Mohnian	
24008	Mohnian	
24009	Mohnian	
24010	Mohnian	
24011	Mohnian	
24012	Mohnian	
24013	Mohnian	
24014	Mohnian	
24015	Luisian	
24016	Luisian	
24017	Luisian	
24018	Luisian	
24019	Luisian	
24020	Miocene	
24021	poss Relizian	
24022	Luisian	
24023	Plio/Pleistocene	
24024	Luisian	
24025	barren	
24026	Middle Miocene	
24027	barren	
24028	no paleo info	
24029	no paleo info	
24030	no paleo info	
24031	Lower Mohnian	
24032	not diagnostic	
24033	Upper Miocene	
24034	Luisian	
24035	Lower Miocene	
24036	not diagnostic	
24037	Cretaceous?	
24038	barren	
24039	Cretaceous?	
24040	Upper Cretaceous	
24041	Cretaceous	
24042	Upper Cretaceous	
24043	Upper Cretaceous	
24044	Upper Cretaceous	
24045	Upper Cretaceous	
24046	no paleo info	
24047	Upper Cretaceous	
24048	Relizian	
24049	prob Saucesian	
24050	Saucesian/Relizian	
24051	barren	
24052	barren	
24053	Relizian	

	I	M
1	ONE/SERIES/AG	
24054	no age provided	
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24057	no age provided	
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24081	no age provided	
24082	no age provided	
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24084	no age provided	
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24090	no paleo info	
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24096	Pliocene	
24097	Pliocene	
24098	Pliocene	
24099	Pliocene	
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24104	Pliocene	
24105	Pliocene	
24106	Pliocene	
24107	Pliocene	
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24109	Pliocene	
24110	Pliocene	
24111	Pliocene	
24112	Pliocene	
24113	Pliocene	
24114	Eocene	
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24116	Eocene	
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24121	Eocene	
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24124	Eocene	
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24126	Eocene	
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24128	Eocene	
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24130	Eocene	
24131	Eocene	
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24133	Eocene	
24134	Eocene	
24135	Eocene	
24136	Eocene	
24137	Eocene	
24138	Eocene	

	I	M
1	ONE/SERIES/AGI	
24139	M Eocene A-2 zon	
24140	M Eocene A-2 zon	
24141	M Eocene A-2 zon	
24142	M Eocene A-2 zon	
24143	M Eocene A-2 zon	
24144	M Eocene A-2 zon	
24145	M Eocene A-2 zon	
24146	M Eocene A-2 zon	
24147	M Eocene A-2 zon	
24148	M Eocene A-2 zon	
24149	M Eocene A-2 zon	
24150	M Eocene A-2 zon	
24151	M Eocene A-2 zon	
24152	M Eocene A-2 zon	
24153	M Eocene A-2 zon	
24154	M Eocene A-2 zon	
24155	M Eocene A-2 zon	
24156	M Eocene A-2 zon	
24157	M Eocene A-2 zon	
24158	M Eocene A-2 zon	
24159	M Eocene A-2 zon	
24160	M Eocene A-2 zon	
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24164	M Eocene A-2 zon	
24165	M Eocene A-2 zon	
24166	M Eocene A-2 zon	
24167	M Eocene A-2 zon	
24168	no paleo info	
24169	no paleo info	
24170	no paleo info	
24171	U Cret G-2 zone	
24172	U Cret G-2 zone	
24173	U Cret G-2 zone	
24174	no paleo info	
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24176	no paleo info	
24177	no paleo info	
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24185	no paleo info	
24186	L Cret J-2 zone	
24187	L Cret J-2 zone	
24188	L Cret J-2 zone	
24189	L Cret J-2 zone	
24190	L Cret J-2 zone	
24191	L Cret J-2 zone	
24192	L Cret J-2 zone	
24193	L Cret J-2 zone	
24194	L Cret J-2 zone	
24195	L Cret J-2 zone	
24196	no paleo info	
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24204	no paleo info	
24205	no paleo info	
24206	no paleo info	
24207	barren	
24208	not diagnostic	
24209	not diagnostic	
24210	Relizian	
24211	U Eocene A zone	
24212	Paleocene	
24213	U Cret D-2 zone	
24214	U Cret F-1 zone	
24215	not diagnostic	
24216	no paleo info	
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24227	no paleo info	
24228	no paleo info	
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24230	not diagnostic	
24231	no paleo info	
24232	no paleo info	
24233	L Zemorrian	
24234	no paleo info	
24235	Middle Miocene	
24236	poss Eocene	
24237	no paleo info	
24238	no paleo info	
24239	no paleo info	
24240	not diagnostic	
24241	no paleo info	
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24247	no paleo info	
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24249	no paleo info	
24250	not diagnostic	
24251	not diagnostic	
24252	not diagnostic	
24253	Cret/Paleocene?	
24254	Cret/Paleocene?	
24255	Cret/Paleocene?	
24256	Cret/Paleocene?	
24257	not diagnostic	
24258	not diagnostic	
24259	not diagnostic	
24260	not diagnostic	
24261	not diagnostic	
24262	not diagnostic	
24263	not diagnostic	
24264	not diagnostic	
24265	Eocene	
24266	Upper Miocene	
24267	Narizian/Refugian	
24268	barren	
24269	prob Eocene	
24270	Eocene	
24271	Eocene A-2 zone	
24272	Eocene A zone	
24273	U Cret E/F zones	
24274	Eocene A-1 zone	
24275	not diagnostic	
24276	Narizian/Refugian	
24277	Paleocene/Eocene	
24278	not diagnostic	
24279	U Eocene A-1 zone	
24280	no paleo info	
24281	no paleo info	
24282	no paleo info	
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24285	no paleo info	
24286	no paleo info	
24287	not diagnostic	
24288	Relizian	
24289	not diagnostic	
24290	Relizian	
24291	Upper Saucesian	
24292	Upper Saucesian	
24293	Miocene	
24294	L or M Miocene	
24295	L or M Miocene	
24296	Saucesian	
24297	Sauc/Relizian	
24298	U Eoc A-2 zone	
24299	Saucesian?	
24300	Saucesian?	
24301	Saucesian?	
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24308	Saucesian?	

	I	M
1	ONE/SERIES/AGF	
24309	Saucesian?	
24310	Saucesian?	
24311	Saucesian?	
24312	probably Luisian	
24313	barren	
24314	Saucesian	
24315	Saucesian	
24316	Prob. Saucesian	
24317	barren	
24318	Miocene	
24319	Zemorrian	
24320	barren	
24321	Lower Miocene	
24322	Relizian	
24323	Relizian	
24324	Relizian	
24325	Saucesian	
24326	Saucesian	
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24332	Saucesian	
24333	Saucesian	
24334	Saucesian	
24335	Saucesian	
24336	Sauc/Relizian	
24337	L or M Miocene	
24338	no paleo info	
24339	Sauc/ Relizian	
24340	Saucesian/Relizian	
24341	Upper Saucesian	
24342	Miocene	
24343	Saucesian?	
24344	Upper Eocene	
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24364	Upper Eocene	
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24366	Upper Eocene	
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24370	not diagnostic	
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24372	Saucesian	
24373	Saucesian	
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24376	Saucesian	
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24378	Saucesian	
24379	Saucesian	
24380	Saucesian	
24381	Upper Saucesian	
24382	barren	
24383	Upper Saucesian	
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24385	Upper Saucesian	
24386	Upper Saucesian	
24387	Miocene	
24388	Upper Miocene	
24389	not diagnostic	
24390	Upper Miocene	
24391	no paleo info	
24392	L or M Miocene	
24393	L or M Miocene	

	I	M
1	ONE/SERIES/AGF	
24394	Relizian	
24395	Saucesian	
24396	Saucesian	
24397	Saucesian	
24398	Saucesian	
24399	Saucesian	
24400	Relizian	
24401	U Eocene A-2 zone	
24402	U Eocene A-2 zone	
24403	not diagnostic	
24404	Eocene	
24405	prob Eocene	
24406	Eocene	
24407	Saucesian/Relizian	
24408	u	
24409	U Eocene A-2 zone	
24410	Miocene	
24411	U Eocene A-2 zone	
24412	?U Eocene A-2 zone	
24413	U Eocene A-2 zone	
24414	U Eocene A-2 zone	
24415	U Eocene A-2 zone	
24416	? Upper Eocene	
24417	no paleo info	
24418	Saucesian	
24419	Saucesian	
24420	Saucesian	
24421	barren	
24422	barren	
24423	barren	
24424	barren	
24425	U Zemorrian?	
24426	no paleo info	
24427	no paleo info	
24428	no paleo info	
24429	no paleo info	
24430	no paleo info	
24431	no paleo info	
24432	Eocene	
24433	Eocene	
24434	Eocene	
24435	Eocene	
24436	Eocene	
24437	Eocene	
24438	Eocene	
24439	Eocene	
24440	Eocene	
24441	Eocene	
24442	Eocene	
24443	Eocene	
24444	Eocene	
24445	Eocene	
24446	Eocene	
24447	Eocene	
24448	Eocene	
24449	Eocene	
24450	Eocene	
24451	Eocene	
24452	Eocene	
24453	Eocene	
24454	Eocene	
24455	Eocene	
24456	Eocene	
24457	Eocene	
24458	Eocene	
24459	Eocene	
24460	Eocene	
24461	Eocene	
24462	Eocene	
24463	Eocene	
24464	Eocene	
24465	Eocene	
24466	Eocene	
24467	Eocene	
24468	Eocene	
24469	Eocene	
24470	possibly Eocene	
24471	possibly Eocene	
24472	possibly Eocene	
24473	possibly Eocene	
24474	possibly Eocene	
24475	possibly Eocene	
24476	Eocene	
24477	Eocene	
24478	Eocene	

	I	M
1	ONE/SERIES/AGI	
24479	Eocene	
24480	Eocene	
24481	Eocene	
24482	Eocene	
24483	Eocene	
24484	Eocene	
24485	Eocene	
24486	Eocene	
24487	Eocene	
24488	Eocene	
24489	Eocene	
24490	Eocene	
24491	Eocene	
24492	Eocene	
24493	Eocene	
24494	Eocene	
24495	Eocene	
24496	Eocene	
24497	Eocene	
24498	Eocene	
24499	Eocene	
24500	Eocene	
24501	Eocene	
24502	Eocene	
24503	Eocene	
24504	Eocene	
24505	Eocene	
24506	Eocene	
24507	Eocene	
24508	Eocene	
24509	Eocene	
24510	Eocene	
24511	Eocene	
24512	Eocene	
24513	Eocene	
24514	Eocene	
24515	Eocene	
24516	Eocene	
24517	Eocene	
24518	Eocene	
24519	Eocene	
24520	Eocene	
24521	Eocene	
24522	Eocene	
24523	Eocene	
24524	Eocene	
24525	Eocene	
24526	Eocene	
24527	Eocene	
24528	Eocene	
24529	Eocene	
24530	Eocene	
24531	Eocene	
24532	Eocene	
24533	Eocene	
24534	no paleo info	
24535	no paleo info	
24536	no paleo info	
24537	no paleo info	
24538	Paleocene?	
24539	Paleocene?	
24540	Paleocene?	
24541	Paleocene?	
24542	Paleocene?	
24543	Paleocene?	
24544	Paleocene?	
24545	Paleocene?	
24546	no paleo info	
24547	Miocene	
24548	Miocene	
24549	barren	
24550	barren	
24551	Lower Relizian	
24552	Luisian	
24553	no paleo info	
24554	no paleo info	
24555	no paleo info	
24556	U Eocene A zone	
24557	not diagnostic	
24558	no paleo info	
24559	not diagnostic	
24560	not diagnostic	
24561	not diagnostic	
24562	not diagnostic	
24563	Middle Miocene	

	I	M
1	ONE/SERIES/AG	
24564	Upper Zemorrian	
24565	barren	
24566	Relizian	
24567	Miocene	
24568	Miocene	
24569	barren	
24570	Miocene	
24571	Lower Mohnian	
24572	no paleo info	
24573	no paleo info	
24574	no paleo info	
24575	no paleo info	
24576	no paleo info	
24577	no paleo info	
24578	no paleo info	
24579	no paleo info	
24580	no paleo info	
24581	no paleo info	
24582	no paleo info	
24583	no paleo info	
24584	no paleo info	
24585	no paleo info	
24586	no paleo info	
24587	no paleo info	
24588	Miocene	
24589	Miocene	
24590	no paleo info	
24591	no paleo info	
24592	prob U Mohnian	
24593	not diagnostic	
24594	not diagnostic	
24595	Zemorrian	
24596	Zemorrian	
24597	Luisian	
24598	no paleo info	
24599	no paleo info	
24600	no paleo info	
24601	Saucesian	
24602	no paleo info	
24603	no paleo info	
24604	no paleo info	
24605	no paleo info	
24606	no paleo info	
24607	no paleo info	
24608	Eocene?	
24609	Eocene?	
24610	Eocene?	
24611	Eocene?	
24612	Eocene?	
24613	Eocene?	
24614	Eocene?	
24615	no paleo info	
24616	no paleo info	
24617	no paleo info	
24618	no paleo info	
24619	no paleo info	
24620	not diagnostic	
24621	not diagnostic	
24622	Refugian	
24623	Eocene	
24624	not diagnostic	
24625	not diagnostic	
24626	not diagnostic	
24627	not diagnostic	
24628	not diagnostic	
24629	not diagnostic	
24630	not diagnostic	
24631	not diagnostic	
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24634	not diagnostic	
24635	not diagnostic	
24636	not diagnostic	
24637	not diagnostic	
24638	not diagnostic	
24639	not diagnostic	
24640	not diagnostic	
24641	Zemorrian	
24642	Zemorrian	
24643	Zemorrian	
24644	not diagnostic	
24645	not diagnostic	
24646	no paleo info	
24647	Saucesian	
24648		

	I	M
1	ONE/SERIES/AGF	
24649	Saucesian	
24650	Saucesian	
24651	Saucesian	
24652	Saucesian	
24653	Saucesian	
24654	Saucesian	
24655	Saucesian	
24656	Saucesian	
24657	Saucesian	
24658	Saucesian	
24659	Saucesian	
24660	Saucesian	
24661	Saucesian	
24662	Saucesian	
24663	Saucesian	
24664	Saucesian	
24665	Saucesian	
24666	Saucesian	
24667	Saucesian	
24668	Saucesian	
24669	Saucesian	
24670	Saucesian	
24671	Saucesian	
24672	Saucesian	
24673	Saucesian	
24674	Saucesian	
24675	Saucesian	
24676	Saucesian	
24677	Saucesian	
24678	Saucesian	
24679	Saucesian	
24680	Saucesian	
24681	Saucesian	
24682	Saucesian	
24683	Saucesian	
24684	Saucesian	
24685	Saucesian	
24686	Saucesian	
24687	Saucesian	
24688	Saucesian	
24689	Saucesian	
24690	Saucesian	
24691	Saucesian	
24692	Saucesian	
24693	Saucesian	
24694	Saucesian	
24695	Saucesian	
24696	Saucesian	
24697	Saucesian	
24698	Relizian	
24699	Relizian	
24700	Relizian	
24701	Relizian	
24702	Relizian	
24703	Relizian	
24704	Relizian	
24705	Relizian	
24706	Relizian	
24707	Relizian	
24708	Relizian	
24709	Relizian	
24710	Relizian	
24711	Relizian	
24712	Relizian	
24713	Relizian	
24714	Relizian	
24715	Relizian	
24716	Relizian	
24717	Relizian	
24718	Relizian	
24719	Relizian	
24720	Relizian	
24721	Relizian	
24722	Relizian	
24723	Relizian	
24724	Relizian	
24725	Relizian	
24726	Relizian	
24727	Relizian	
24728	Relizian	
24729	Relizian	
24730	Relizian	
24731	Relizian	
24732	Relizian	
24733	Relizian	

	I	M
1	ONE/SERIES/AG	
24734	Relizian	
24735	Relizian	
24736	Relizian	
24737	Relizian	
24738	Relizian	
24739	w # 1 are	Saucesia
24740	Saucesia	ian or olde
24741	Saucesia	ian or olde
24742	Saucesia	ian or olde
24743	Saucesia	ian or olde
24744	Saucesia	ian or olde
24745	Saucesia	ian or olde
24746	Saucesia	ian or olde
24747	Saucesia	ian or olde
24748	Saucesia	ian or olde
24749	Saucesia	ian or olde
24750	Saucesia	ian or olde
24751	Saucesia	ian or olde
24752	Saucesia	ian or olde
24753	Saucesia	ian or olde
24754	Saucesia	ian or olde
24755	Saucesia	ian or olde
24756	Saucesia	ian or olde
24757	Saucesia	ian or olde
24758	Saucesia	ian or olde
24759	Saucesia	ian or olde
24760	Saucesia	ian or olde
24761	Saucesia	ian or olde
24762	Saucesia	ian or olde
24763	Saucesia	ian or olde
24764	Saucesia	ian or olde
24765	Saucesia	ian or olde
24766	Saucesia	ian or olde
24767	Saucesia	ian or olde
24768	Saucesia	ian or olde
24769	Saucesia	ian or olde
24770	Saucesia	ian or olde
24771	Saucesia	ian or olde
24772	Saucesia	ian or olde
24773	Saucesia	ian or olde
24774	Saucesia	ian or olde
24775	Saucesia	ian or olde
24776	Saucesia	ian or olde
24777	Saucesia	ian or olde
24778	Saucesia	ian or olde
24779	Saucesia	ian or olde
24780	Saucesia	ian or olde
24781	Saucesia	ian or olde
24782	Saucesia	ian or olde
24783	Saucesia	ian or olde
24784	Saucesia	ian or olde
24785	Saucesia	ian or olde
24786	Saucesia	ian or olde
24787	Saucesia	ian or olde
24788	Saucesia	ian or olde
24789	Saucesia	ian or olde
24790	Saucesia	ian or olde
24791	Saucesia	ian or olde
24792	Saucesia	ian or olde
24793	Saucesia	ian or olde
24794	Saucesia	ian or olde
24795	Saucesia	ian or olde
24796	Saucesia	ian or olde
24797	Saucesia	ian or olde
24798	Saucesia	ian or olde
24799	Saucesia	ian or olde
24800	Saucesia	ian or olde
24801	Saucesia	ian or olde
24802	Saucesia	ian or olde
24803	Saucesia	ian or olde
24804	Saucesia	ian or olde
24805	Saucesia	ian or olde
24806	Saucesia	ian or olde
24807	Saucesia	ian or olde
24808	Saucesia	ian or olde
24809	Saucesia	ian or olde
24810	Saucesia	ian or olde
24811	Saucesia	ian or olde
24812	Saucesia	ian or olde
24813	Saucesia	ian or olde
24814	Saucesia	ian or olde
24815	Saucesia	ian or olde
24816	Saucesia	ian or olde
24817	Saucesia	ian or olde
24818	Saucesia	ian or olde

	I	M
1	ONE/SERIES/AGF	
24819	Saucesian or older	
24820	Saucesian or older	
24821	Saucesian or older	
24822	Saucesian or older	
24823	Saucesian or older	
24824	Saucesian or older	
24825	Saucesian or older	
24826	Saucesian or older	
24827	Saucesian or older	
24828	Saucesian or older	
24829	Saucesian or older	
24830	Saucesian or older	
24831	Saucesian or older	
24832	Saucesian or older	
24833	Saucesian or older	
24834	Saucesian or older	
24835	Saucesian or older	
24836	Saucesian or older	
24837	Saucesian or older	
24838	Saucesian or older	
24839	Saucesian or older	
24840	Saucesian or older	
24841	Saucesian or older	
24842	Saucesian or older	
24843	no paleo info	
24844	no paleo info	
24845	no paleo info	
24846	not diagnostic	
24847	not diagnostic	
24848	Upper? Eocene	
24849	Upper? Eocene	
24850	Upper? Eocene	
24851	Upper? Eocene	
24852	not diagnostic	
24853	not diagnostic	
24854	not diagnostic	
24855	not diagnostic	
24856	not diagnostic	
24857	not diagnostic	
24858	Lower Zemorrian	
24859	Lower Zemorrian	
24860	not diagnostic	
24861	Lower Relizian	
24862	not diagnostic	
24863	Upper Saucesian	
24864	Upper Saucesian	
24865	Upper Saucesian	
24866	Saucesian	
24867	Lower Miocene	
24868	Lower Miocene	
24869	not diagnostic	
24870	not diagnostic	
24871	U Eocene A-2 zone	
24872	not diagnostic	
24873	not diagnostic	
24874	not diagnostic	
24875	not diagnostic	
24876	not diagnostic	
24877	not diagnostic	
24878	not diagnostic	
24879	prob U Eocene	
24880	prob U Eocene	
24881	prob U Eocene	
24882	prob U Eocene	
24883	prob U Eocene	
24884	prob U Eocene	
24885	prob U Eocene	
24886	prob U Eocene	
24887	prob U Eocene	
24888	prob U Eocene	
24889	prob U Eocene	
24890	prob U Eocene	
24891	prob U Eocene	
24892	prob U Eocene	
24893	prob U Eocene	
24894	prob U Eocene	
24895	prob U Eocene	
24896	Lower Zemorrian	
24897	Lower Zemorrian	
24898	Lower Zemorrian	
24899	Lower Zemorrian	
24900	Lower Zemorrian	
24901	Lower Zemorrian	
24902	Lower Zemorrian	
24903	Lower Zemorrian	

	I	M
1	ONE/SERIES/AGf	
24904	Lower Zemorrian	
24905	Lower Zemorrian	
24906	Lower Zemorrian	
24907	Lower Zemorrian	
24908	Lower Zemorrian	
24909	Lower Zemorrian	
24910	Lower Zemorrian	
24911	Upper Zemorrian	
24912	Upper Zemorrian	
24913	Saucesian	
24914	Saucesian	
24915	Saucesian	
24916	Saucesian	
24917	Saucesian	
24918	Saucesian	
24919	Saucesian	
24920	Saucesian	
24921	Saucesian	
24922	Saucesian	
24923	Saucesian	
24924	Saucesian	
24925	Saucesian	
24926	Saucesian	
24927	Saucesian	
24928	Upper Mohnian	
24929	Lower Relizian	
24930	not diagnostic	
24931	not diagnostic	
24932	Sauc/Relizian	
24933	not diagnostic	
24934	not diagnostic	
24935	Lower Miocene	
24936	not diagnostic	
24937	Zemorrian	
24938	not diagnostic	
24939	Eocene	
24940	not diagnostic	
24941	not diagnostic	
24942	Eocene	
24943	Eocene	
24944	Eocene	
24945	Eocene	
24946	Eocene	
24947	Eocene	
24948	Eocene	
24949	Eocene	
24950	Eocene	
24951	Eocene	
24952	Eocene	
24953	Eocene	
24954	Eocene	
24955	Eocene	
24956	Eocene	
24957	Eocene	
24958	Eocene	
24959	Eocene	
24960	Eocene	
24961	Eocene	
24962	Eocene	
24963	Eocene	
24964	Eocene	
24965	poss Zemorrian	
24966	Saucesian	
24967	not diagnostic	
24968	Lower Miocene	
24969	not diagnostic	
24970	not diagnostic	
24971	not diagnostic	
24972	not diagnostic	
24973	not diagnostic	
24974	not diagnostic	
24975	not diagnostic	
24976	poss U Eocene	
24977	poss U Eocene	
24978	poss U Eocene	
24979	poss U Eocene	
24980	poss U Eocene	
24981	poss U Eocene	
24982	poss U Eocene	
24983	not diagnostic	
24984	not diagnostic	
24985	Middle Eocene	
24986	Eocene	
24987	Eocene	
24988	Eocene	

	I	M
1	ONE/SERIES/AGE	
24989	Eocene	
24990	Eocene	
24991	Eocene	
24992	Eocene	
24993	Eocene	
24994	Eocene	
24995	Eocene	
24996	Eocene	
24997	no paleo info	
24998	no paleo info	
24999	no paleo info	
25000	no paleo info	
25001	no paleo info	
25002	no paleo info	
25003	no paleo info	
25004	no paleo info	
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25007	no paleo info	
25008	no paleo info	
25009	no paleo info	
25010	no paleo info	
25011	no paleo info	
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25027	no paleo info	
25028	no paleo info	
25029	no paleo info	
25030	no paleo info	
25031	no age provided	
25032	no age provided	
25033	no age provided	
25034	no age provided	
25035	no age provided	
25036	no age provided	
25037	no age provided	
25038	no age provided	
25039	no age provided	
25040	no age provided	
25041	no age provided	
25042	no age provided	
25043	no age provided	
25044	no age provided	
25045	no age provided	
25046	no age provided	
25047	Lower Zemorrian	
25048	Lower Zemorrian	
25049	Lower Zemorrian	
25050	Lower Zemorrian	
25051	Lower Zemorrian	
25052	Lower Zemorrian	
25053	Lower Zemorrian	
25054	Lower Zemorrian	
25055	Lower Zemorrian	
25056	Lower Zemorrian	
25057	Lower Zemorrian	
25058	Lower Zemorrian	
25059	Lower Zemorrian	
25060	Lower Zemorrian	
25061	Lower Zemorrian	
25062	Lower Zemorrian	
25063	Lower Zemorrian	
25064	Lower Zemorrian	
25065	Lower Zemorrian	
25066	Lower Zemorrian	
25067	Lower Zemorrian	
25068	Lower Zemorrian	
25069	Lower Zemorrian	
25070	Lower Zemorrian	
25071	Lower Zemorrian	
25072	Lower Zemorrian	
25073	Lower Zemorrian	

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1	ONE/SERIES/AG	
25074	Lower Zemorrian	
25075	Lower Zemorrian	
25076	Lower Zemorrian	
25077	Lower Zemorrian	
25078	Lower Zemorrian	
25079	Lower Zemorrian	
25080	Lower Zemorrian	
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25083	Lower Zemorrian	
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25085	Lower Zemorrian	
25086	Lower Zemorrian	
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25089	Lower Zemorrian	
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25099	Lower Zemorrian	
25100	Lower Zemorrian	
25101	Lower Zemorrian	
25102	Lower Zemorrian	
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25140	Lower Zemorrian	
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25142	Lower Zemorrian	
25143	Lower Zemorrian	
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25145	Lower Zemorrian	
25146	Lower Zemorrian	
25147	Lower Zemorrian	
25148	Lower Zemorrian	
25149	Lower Zemorrian	
25150	Lower Zemorrian	
25151	Lower Zemorrian	
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25156	Lower Zemorrian	
25157	Lower Zemorrian	
25158	Lower Zemorrian	

	I	M
1	ONE/SERIES/AG	
25159	Lower Zemorrian	
25160	Lower Zemorrian	
25161	Lower Zemorrian	
25162	Lower Zemorrian	
25163	Lower Zemorrian	
25164	Lower Zemorrian	
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25175	Lower Zemorrian	
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25179	Lower Zemorrian	
25180	Lower Zemorrian	
25181	Lower Zemorrian	
25182	Lower Zemorrian	
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1	ONE/SERIES/AGF	
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25250	Eocene	
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25343	Eocene A-2 zone	
25344	Eocene A-2 zone	
25345	Upper Cretaceous	
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1	ONE/SERIES/AGF	
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26851	Paleocene D zone	
26852	Paleocene D zone	
26853	Paleocene D zone	
26854	Paleocene D zone	
26855	Paleocene	
26856	Paleocene	
26857	Paleocene	

	I	M
1	ONE/SERIES/AGI	
26858	Paleocene	
26859	Paleocene	
26860	Paleocene	
26861	Paleocene	
26862	Paleocene	
26863	Paleocene	
26864	Eocene	
26865	Eocene	
26866	Eocene	
26867	Eocene	
26868	Eocene	
26869	Eocene	
26870	Eocene	
26871	Eocene	
26872	Eocene	
26873	Eocene	
26874	Eocene	
26875	Eocene	
26876	Eocene	
26877	Eocene	
26878	Eocene	
26879	Eocene	
26880	Eocene	
26881	Eocene	
26882	Eocene	
26883	Eocene	
26884	Eocene	
26885	Eocene	
26886	Eocene	
26887	Eocene	
26888	Eocene	
26889	Eocene	
26890	Eocene	
26891	Eocene	
26892	Eocene	
26893	Eocene	
26894	Eocene	
26895	Eocene	
26896	Eocene	
26897	Eocene	
26898	Eocene	
26899	Eocene	
26900	Eocene	
26901	Eocene	
26902	Eocene	
26903	Eocene	
26904	Eocene	
26905	Eocene	
26906	Eocene	
26907	Eocene	
26908	Eocene	
26909	Eocene	
26910	Eocene	
26911	Eocene	
26912	Eocene	
26913	Eocene	
26914	Eocene	
26915	Eocene	
26916	Eocene	
26917	Eocene	
26918	Paleocene D zone	
26919	Paleocene D zone	
26920	Paleocene D zone	
26921	Paleocene D zone	
26922	Paleocene D zone	
26923	Paleocene D zone	
26924	Paleocene D zone	
26925	Paleocene D zone	
26926	Paleocene D zone	
26927	Paleocene D zone	
26928	Paleocene D zone	
26929	Paleocene D zone	
26930	Paleocene D zone	
26931	Paleocene D zone	
26932	Paleocene D zone	
26933	Paleocene D zone	
26934	Paleocene D zone	
26935	Paleocene D zone	
26936	Paleocene D zone	
26937	Paleocene D zone	
26938	Paleocene D zone	
26939	Paleocene D zone	
26940	Paleocene D zone	
26941	Paleocene D zone	
26942	Paleocene D zone	

	I	M
1	ONE/SERIES/AGI	
26943	Paleocene D zone	
26944	Paleocene D zone	
26945	Paleocene D zone	
26946	Paleocene D zone	
26947	Paleocene D zone	
26948	Paleocene D zone	
26949	Paleocene D zone	
26950	Paleocene D zone	
26951	Paleocene D zone	
26952	Paleocene D zone	
26953	Paleocene D zone	
26954	Paleocene D zone	
26955	Paleocene D zone	
26956	Paleocene D zone	
26957	Paleocene D zone	
26958	Paleocene D zone	
26959	Paleocene D zone	
26960	Paleocene D zone	
26961	Paleocene D zone	
26962	Paleocene D zone	
26963	Paleocene D zone	
26964	Paleocene D zone	
26965	Paleocene D zone	
26966	Paleocene D zone	
26967	Paleocene D zone	
26968	Paleocene D zone	
26969	Paleocene D zone	
26970	Paleocene D zone	
26971	Paleocene D zone	
26972	Paleocene D zone	
26973	Paleocene D zone	
26974	Paleocene D zone	
26975	Paleocene D zone	
26976	Paleocene D zone	
26977	Paleocene D zone	
26978	Paleocene D zone	
26979	Paleocene D zone	
26980	Paleocene D zone	
26981	Paleocene D zone	
26982	Paleocene D zone	
26983	Paleocene D zone	
26984	Paleocene D zone	
26985	Paleocene D zone	
26986	Paleocene D zone	
26987	Paleocene D zone	
26988	Paleocene D zone	
26989	Paleocene D zone	
26990	Paleocene D zone	
26991	Paleocene D zone	
26992	Paleocene D zone	
26993	Paleocene D zone	
26994	Paleocene D zone	
26995	Paleocene D zone	
26996	Paleocene D zone	
26997	Paleocene	
26998	Paleocene	
26999	Paleocene	
27000	Paleocene	
27001	Paleocene	
27002	Paleocene	
27003	Paleocene	
27004	Paleocene	
27005	Paleocene	
27006	Paleocene	
27007	Paleocene	
27008	Paleocene	
27009	Paleocene	
27010	Paleocene	
27011	Paleocene	
27012	Paleocene	
27013	Paleocene	
27014	Paleocene	
27015	Paleocene	
27016	Paleocene	
27017	Paleocene	
27018	Paleocene	
27019	Paleocene	
27020	Paleocene	
27021	Paleocene	
27022	Paleocene	
27023	Paleocene	
27024	Paleocene	
27025	Paleocene	
27026	Paleocene	
27027	Paleocene	

	I	M
1	ONE/SERIES/AGI	
27028	Paleocene	
27029	Paleocene	
27030	Paleocene	
27031	Paleocene	
27032	Paleocene	
27033	Paleocene	
27034	Paleocene	
27035	Paleocene	
27036	Paleocene	
27037	Paleocene	
27038	Paleocene	
27039	Paleocene	
27040	Paleocene	
27041	Paleocene	
27042	Paleocene	
27043	Paleocene	
27044	Paleocene	
27045	Paleocene	
27046	Paleocene	
27047	Paleocene	
27048	Paleocene	
27049	Paleocene	
27050	Paleocene	
27051	Paleocene	
27052	Paleocene	
27053	Paleocene	
27054	Paleocene	
27055	Paleocene	
27056	Paleocene	
27057	Paleocene	
27058	Paleocene	
27059	Paleocene	
27060	Paleocene	
27061	Paleocene	
27062	Paleocene	
27063	Paleocene	
27064	Paleocene	
27065	Paleocene	
27066	Paleocene	
27067	Paleocene	
27068	Paleocene	
27069	Paleocene	
27070	Paleocene	
27071	Paleocene	
27072	Paleocene	
27073	Paleocene	
27074	Paleocene	
27075	Paleocene	
27076	Paleocene	
27077	Paleocene	
27078	Paleocene	
27079	Paleocene	
27080	Paleocene	
27081	Paleocene	
27082	Paleocene	
27083	Paleocene	
27084	Paleocene	
27085	Paleocene	
27086	Paleocene	
27087	Paleocene	
27088	no paleo info	
27089	no paleo info	
27090	barren	
27091	no paleo info	
27092	no paleo info	
27093	barren	
27094	barren	
27095	Lower Eocene	
27096	Lower Eocene	
27097	Lower Eocene	
27098	no paleo info	
27099	Lower Eocene	
27100	Eocene	
27101	Lower Eocene	
27102	Eocene	
27103	Lower Eocene	
27104	no paleo info	
27105	no paleo info	
27106	Lower Eocene	
27107	Lower Eocene	
27108	Lower Eocene	
27109	not diagnostic	
27110	barren	
27111	Lower Eocene	
27112	Eocene	

	I	M
1	ONE/SERIES/AGT	
27113	Eocene	
27114	Eocene	
27115	Lower Mohnian	
27116	possibly Mohnian	
27117	Eocene (Llajas)	
27118	Luisian	
27119	Luisian	
27120	Lower Mohnian	
27121	Mohnian	
27122	possibly Mohnian	
27123	not diagnostic	
27124	Luisian	
27125	Luisian	
27126	Miocene	
27127	Luisian	
27128	Llajas	
27129	Luisian	
27130	Lower Mohnian	
27131	Lower Mohnian	
27132	Lower Mohnian	
27133	not diagnostic	
27134	Upper Pliocene	
27135	Miocene	
27136	Lower Mohnian	
27137	Eocene	
27138	Eocene	
27139	Lower Pliocene	
27140	Llajas	
27141	Miocene	
27142	Eocene	
27143	Eocene	
27144	Eocene	
27145	Eocene	
27146	Miocene	
27147	Mohnian	
27148	Lower Mohnian	
27149	Miocene	
27150	Pliocene	
27151	Luisian	
27152	Pliocene	
27153	Upper Pliocene	
27154	Miocene	
27155	Pliocene	
27156	Pliocene	
27157	Pliocene	
27158	not diagnostic	
27159	Lower Mohnian	
27160	no paleo info	
27161	no paleo info	
27162	no paleo info	
27163	no paleo info	
27164	no paleo info	
27165	no paleo info	
27166	Paleocene D zone	
27167	Paleocene D zone	
27168	Paleocene D zone	
27169	Paleocene D zone	
27170	Paleocene D zone	
27171	Paleocene D zone	
27172	Paleocene D zone	
27173	Paleocene D zone	
27174	Paleocene D zone	
27175	Paleocene D zone	
27176	Paleocene D zone	
27177	no paleo info	
27178	Pliocene	
27179	Pliocene	
27180	Pliocene	
27181	Pliocene	
27182	Pliocene	
27183	no paleo info	
27184	no paleo info	
27185	Eocene	
27186	no paleo info	
27187	no paleo info	
27188	no paleo info	
27189	not diagnostic	
27190	not diagnostic	
27191	not diagnostic	
27192	not diagnostic	
27193	not diagnostic	
27194	not diagnostic	
27195	not diagnostic	
27196	not diagnostic	
27197	Luisian	

	I	M
1	ONE/SERIES/AGT	
27198	Luisian	
27199	Luisian	
27200	Luisian	
27201	Luisian	
27202	Miocene	
27203	Middle Mohnian	
27204	Miocene	
27205	Middle Mohnian	
27206	Middle Mohnian	
27207	Prob Mohnian	
27208	Prob Mohnian	
27209	Upper Pliocene	
27210	Upper Pliocene	
27211	Upper Pliocene	
27212	Upper Pliocene	
27213	Upper Pliocene	
27214	Upper Pliocene	
27215	Pleistocene	
27216	Pleistocene	
27217	Pleistocene	
27218	Pleistocene	
27219	Pleistocene	
27220	Pleistocene	
27221	Pleistocene	
27222	Pleistocene	
27223	Luisian	
27224	Luisian/Relizian	
27225	Luisian/Relizian	
27226	Luisian/Relizian	
27227	Miocene?	
27228	Miocene?	
27229	Miocene?	
27230	no paleo info	
27231	no paleo info	
27232	no paleo info	
27233	no paleo info	
27234	no paleo info	
27235	no paleo info	
27236	no paleo info	
27237	no paleo info	
27238	no paleo info	
27239	no paleo info	
27240	no paleo info	
27241	no paleo info	
27242	no paleo info	
27243	no paleo info	
27244	no paleo info	
27245	no paleo info	
27246	not diagnostic	
27247	no paleo info	
27248	U Cret F-2 zone	
27249	U Cret G-1 zone	
27250	U Cret G-1 zone	
27251	U Cret G-1 zone	
27252	U Cret G-1 zone	
27253	U Cret G-1 zone	
27254	U Cret G-1 zone	
27255	U Cret G-2 zone	
27256	U Cret G-2 zone	
27257	U Cret G-2 zone	
27258	U Cret H zone	
27259	Upper Cret I zone	
27260	Upper Cret I zone	
27261	Upper Cret I zone	
27262	Upper Cret I zone	
27263	Upper Cret I zone	
27264	Upper Cret I zone	
27265	Upper Cret I zone	
27266	Upper Cret I zone	
27267	Upper Cret I zone	
27268	Upper Cret H zone	
27269	Upper Cret H zone	
27270	Upper Cret H zone	
27271	Upper Cret H zone	
27272	U Cret G-2 zone	
27273	U Cret G-2 zone	
27274	U Cret G-2 zone	
27275	U Cret G-2 zone	
27276	U Cret G-2 zone	
27277	U Cret G-1 zone	
27278	U Cret G-1 zone	
27279	U Cret F-2 zone	
27280	U Cret F-2 zone	
27281	U Cret F-2 zone	
27282	U Cret F-2 zone	

	I	M
1	ONE/SERIES/AGF	
27283	U Cret F-1 zone	
27284	U Cret F-1 zone	
27285	U Cret F-1 zone	
27286	U Cret F-1 zone	
27287	U Cret F-1 zone	
27288	U Cret F-1 zone	
27289	U Cret F-1 zone	
27290	U Cret F-1 zone	
27291	U Cret F-1 zone	
27292	U Cret F-1 zone	
27293	not diagnostic	
27294	not diagnostic	
27295	not diagnostic	
27296	L Cret J-1 zone	
27297	not diagnostic	
27298	not diagnostic	
27299	not diagnostic	
27300	not diagnostic	
27301	not diagnostic	
27302	not diagnostic	
27303	not diagnostic	
27304	not diagnostic	
27305	not diagnostic	
27306	not diagnostic	
27307	not diagnostic	
27308	L Cret J-1 zone	
27309	L Cret J-1 zone	
27310	L Cret J-1 zone	
27311	L Cret J-1 zone	
27312	no paleo info	
27313	no paleo info	
27314	Cretaceous	
27315	Cretaceous	
27316	Cretaceous	
27317	Cretaceous	
27318	see thesis	
27319	see thesis	
27320	see thesis	
27321	see thesis	
27322	see thesis	
27323	see thesis	
27324	see thesis	
27325	see thesis	
27326	see thesis	
27327	see thesis	
27328	see thesis	
27329	see thesis	
27330	see thesis	
27331	see thesis	
27332	see thesis	
27333	see thesis	
27334	see thesis	
27335	see thesis	
27336	see thesis	
27337	see thesis	
27338	see thesis	
27339	see thesis	
27340	see thesis	
27341	see thesis	
27342	see thesis	
27343	see thesis	
27344	see thesis	
27345	see thesis	
27346	see thesis	
27347	see thesis	
27348	see thesis	
27349	see thesis	
27350	see thesis	
27351	see thesis	
27352	see thesis	
27353	see thesis	
27354	see thesis	
27355	see thesis	
27356	Eocene	
27357	Eocene	
27358	Eocene	
27359	Eocene	
27360	Eocene	
27361	no paleo info	
27362	no paleo info	
27363	no paleo info	
27364	no paleo info	
27365	no paleo info	
27366	no paleo info	
27367	no paleo info	

	I	M
1	ONE/SERIES/AGT	
27368	no paleo info	
27369	no paleo info	
27370	U Eocene A zone	
27371	U Eocene A zone	
27372	U Eocene A zone	
27373	U Eocene A zone	
27374	U Eocene A zone	
27375	U Eocene A zone	
27376	U Eocene A zone	
27377	U Eocene A zone	
27378	U Eocene A zone	
27379	U Eocene A zone	
27380	U Eocene A zone	
27381	U Eocene A zone	
27382	U Eocene A zone	
27383	no paleo info	
27384	Paleocene E zone	
27385	Eocene	
27386	U Eocene A zone	
27387	not diagnostic	
27388	no paleo info	
27389	M Eocene A-2	
27390	not diagnostic	
27391	not diagnostic	
27392	not diagnostic	
27393	Zemurian	
27394	Upper Eocene	
27395	no paleo info	
27396	Miocene?	
27397	Miocene?	
27398	Miocene?	
27399	Miocene?	
27400	Miocene?	
27401	Miocene?	
27402	Miocene?	
27403	U Cret D-1 zone	
27404	U Cret D-1 zone	
27405	U Cret D-1 zone	
27406	U Cret D-1 zone	
27407	U Cret D-1 zone	
27408	U Cret D-1 zone	
27409	U Cret D-1 zone	
27410	U Cret D-1 zone	
27411	U Cret D-1 zone	
27412	U Cret D-1 zone	
27413	U Cret D-1 zone	
27414	U Cret D-1 zone	
27415	U Cret D-1 zone	
27416	U Cret D-1 zone	
27417	U Cret D-1 zone	
27418	U Cret D-1 zone	
27419	U Cret D-1 zone	
27420	U Cret D-1 zone	
27421	U Cret D-1 zone	
27422	U Cret D-1 zone	
27423	U Cret D-2 zone	
27424	U Cret D-2 zone	
27425	U Cret D-2 zone	
27426	U Cret D-2 zone	
27427	U Cret D-2 zone	
27428	U Cret D-2 zone	
27429	U Cret D-2 zone	
27430	U Cret D-2 zone	
27431	U Cret D-2 zone	
27432	U Cret D-2 zone	
27433	U Cret D-2 zone	
27434	U Cret D-2 zone	
27435	U Cret D-2 zone	
27436	U Cret D-2 zone	
27437	U Cret D-2 zone	
27438	U Cret D-2 zone	
27439	U Cret D-2 zone	
27440	U Cret D-2 zone	
27441	U Cret D-2 zone	
27442	U Cret D-2 zone	
27443	U Cret D-2 zone	
27444	U Cret D-2 zone	
27445	U Cret D-2 zone	
27446	U Cret D-2 zone	
27447	U Cret D-2 zone	
27448	U Cret D-2 zone	
27449	U Cret D-2 zone	
27450	U Cret D-2 zone	
27451	U Cret D-2 zone	
27452	U Cret D-2 zone	

	I	M
1	ONE/SERIES/AG	
27453	U Cret D-2 zone	
27454	U Cret D-2 zone	
27455	U Cret E zone	
27456	no new information	
27457	no new information	
27458	no new information	
27459	no new information	
27460	no new information	
27461	no new information	
27462	no new information	
27463	no new information	
27464	no new information	
27465	no new information	
27466	no new information	
27467	no new information	
27468	no new information	
27469	no new information	
27470	no new information	
27471	no new information	
27472	no new information	
27473	no new information	
27474	no new information	
27475	no new information	
27476	no new information	
27477	no new information	
27478	no new information	
27479	no new information	
27480	Upper Cretaceous	
27481	not diagnostic	
27482	Upper Cretaceous	
27483	Upper Cretaceous	
27484	U Cret E zone	
27485	Upper Cretaceous	
27486	Upper Cretaceous	
27487	Upper Cretaceous	
27488	Upper Cretaceous	
27489	Upper Cretaceous	
27490	Upper Cretaceous	
27491	no paleo info	
27492	no paleo info	
27493	no paleo info	
27494	no paleo info	
27495	no paleo info	
27496	no paleo info	
27497	no paleo info	
27498	no paleo info	
27499	no paleo info	
27500	no paleo info	
27501	no paleo info	
27502	no paleo info	
27503	no paleo info	
27504	no paleo info	
27505	no paleo info	
27506	no paleo info	
27507	no paleo info	
27508	no paleo info	
27509	no paleo info	
27510	no paleo info	
27511	prob U Miocene	
27512	prob U Miocene	
27513	prob U Miocene	
27514	Upper Miocene	
27515	Upper Miocene	
27516	Upper Miocene	
27517	Upper Miocene	
27518	Upper Miocene	
27519	Upper? Miocene	
27520	Upper? Miocene	
27521	see Went thesis	
27522	see Went thesis	
27523	Upper Cretaceous	
27524	see Went thesis	
27525	see Went thesis	
27526	see Went thesis	
27527	see Went thesis	
27528	Lower Eocene	
27529	not diagnostic	
27530	not diagnostic	
27531	poss Eocene	
27532	not diagnostic	
27533	U Cret D/E zones	
27534	U Cret E zone	
27535	not diagnostic	
27536	Cretaceous	
27537	U Cret D/E zones	

	I	M
1	ONE/SERIES/AGT	
27538	not diagnostic	
27539	Upper Mohnian?	
27540	not diagnostic	
27541	no paleo info	
27542	U Cret	
27543	poss L Cret	
27544	L Cret J zone	
27545	prob L Cret J zone	
27546	L Cret J-1 zone	
27547	L Cret J-1 zone	
27548	L Cret J-1 zone	
27549	L Cret J-1 zone	
27550	L Cret J-1 zone	
27551	not diagnostic	
27552	not diagnostic	
27553	L Cret J-1 zone	
27554	U Cret I zone	
27555	not diagnostic	
27556	U Cret H zone	
27557	not diagnostic	
27558	U Cret H zone	
27559	U Cret H zone	
27560	not diagnostic	
27561	Upper Cretaceous	
27562	U Cret H zone	
27563	Prob L Cret J zone	
27564	Prob L Cret J zone	
27565	L Cret J zone	
27566	L Cret J zone	
27567	L Cret J zone	
27568	Cretaceous	
27569	Cretaceous	
27570	Upper Cretaceous	
27571	Upper Cretaceous	
27572	U Cret G-2 zone	
27573	U Cret G-2 zone	
27574	U Cret G-2 zone	
27575	Prob U Cret G-2	
27576	U Cret H or I zone	
27577	not diagnostic	
27578	not diagnostic	
27579	U Cret I zone	
27580	L Cret J zone	
27581	L Cret J zone	
27582	L Cret J zone	
27583	L Cret J zone	
27584	L Cret J zone	
27585	L Cret J-2 zone	
27586	L Cret J-2 zone	
27587	L Cret J-2 zone	
27588	L Cret J-2 zone	
27589	L Cret J-2 zone	
27590	L Cret J-2 zone	
27591	not diagnostic	
27592	not diagnostic	
27593	not diagnostic	
27594	Pliocene	
27595	Mohnian	
27596	not diagnostic	
27597	Mohnian	
27598	Mohnian	
27599	Mohnian	
27600	Mohnian	
27601	Mohnian	
27602	not diagnostic	
27603	not diagnostic	
27604	Lower Mohnian	
27605	Mohnian	
27606	Mohnian	
27607	Mohnian	
27608	no paleo info	
27609	no paleo info	
27610	no paleo info	
27611	L? Eocene	
27612	L? Eocene	
27613	L Eocene B-4 zone	
27614	no paleo info	
27615	no paleo info	
27616	small snails	
27617	no paleo info	
27618	no paleo info	
27619	no paleo info	
27620	no paleo info	
27621	no paleo info	
27622	no paleo info	

	I	M
1	ONE/SERIES/AGT	
27623	no paleo info	
27624	no paleo info	
27625	no paleo info	
27626	no paleo info	
27627	Luisian	
27628	Mohnian	
27629	not diagnostic	
27630	Mohnian	
27631	Mohnian	
27632	Mohnian	
27633	Luisian	
27634	Middle Miocene	
27635	Luisian	
27636	Luisian/Relizian	
27637	Luisian	
27638	Luisian	
27639	Luisian	
27640	Luisian	
27641	Mohnian	
27642	Lower Mohnian	
27643	Mohnian	
27644	Lower Mohnian	
27645	Mohnian	
27646	Luisian	
27647	Luisian	
27648	Luisian	
27649	Luisian	
27650	Luisian	
27651	Luisian	
27652	Luisian	
27653	Upper Miocene	
27654	Luisian	
27655	? Luisian	
27656	L Mohnian?	
27657	L Mohnian	
27658	Luisian/Mohnian	
27659	L Mohnian	
27660	L Mohnian	
27661	L Mohnian	
27662	? Luisian	
27663	Luisian	
27664	Middle Miocene	
27665	Luisian	
27666	Luisian	
27667	Luisian	
27668	not diagnostic	
27669	Luisian	
27670	Luisian	
27671	Luisian/ Mohnian	
27672	not diagnostic	
27673	Luisian	
27674	Luisian/Mohnian	
27675	Mohnian	
27676	Luisian	
27677	Luisian	
27678	Upper Miocene	
27679	Upper Miocene	
27680	Luisian	
27681	Lower Mohnian	
27682	Lower Mohnian	
27683	Luisian	
27684	Lower Relizian	
27685	Lower Mohnian	
27686	Mohnian	
27687	Mohnian	
27688	Mohnian	
27689	Mohnian	
27690	Lower Mohnian	
27691	Lower Mohnian	
27692	prob Mohnian	
27693	Mohnian	
27694	Mohnian	
27695	Mohnian	
27696	Lower Mohnian	
27697	Lower Mohnian	
27698	Lower Mohnian	
27699	Lower Mohnian	
27700	Mohnian	
27701	Mohnian	
27702	Mohnian	
27703	Mohnian	
27704	Mohnian	
27705	Luisian	
27706	Mohnian	
27707	? Mohnian	

	I	M
1	ONE/SERIES/AGF	
27708	? Mohnian	
27709	Mohnian	
27710	Upper Mohnian	
27711	Mohnian	
27712	Mohnian	
27713	Lower Mohnian	
27714	Mohnian	
27715	Middle Miocene	
27716	Saucesian	
27717	Saucesian	
27718	Saucesian	
27719	no paleo info	
27720	no paleo info	
27721	no paleo info	
27722	Saucesian	
27723	Saucesian	
27724	Saucesian	
27725	Saucesian	
27726	Relizian	
27727	Luisian	
27728	Lower Mohnian	
27729	Lower Mohnian	
27730	Middle Mohnian	
27731	Middle Mohnian	
27732	Middle Mohnian	
27733	Middle Mohnian	
27734	barren	
27735	no paleo info	
27736	no paleo info	
27737	no paleo info	
27738	no paleo info	
27739	no paleo info	
27740	no paleo info	
27741	no paleo info	
27742	no paleo info	
27743	no paleo info	
27744	no paleo info	
27745	Lower Relizian	
27746	Luisian/Relizian	
27747	Probably Relizian	
27748	Luisian/Relizian	
27749	no paleo info	
27750	Luisian?	
27751	Miocene	
27752	not diagnostic	
27753	Middle Miocene	
27754	Middle Miocene	
27755	Middle Miocene	
27756	Luisian	
27757	Lower Relizian	
27758	barren	
27759	Prob U Mohnian	
27760	Relizian/Saucesian	
27761	Mohnian	
27762	not diagnostic	
27763	no paleo info	
27764	no paleo info	
27765	Upper Mohnian	
27766	Upper Mohnian	
27767	Upper Miocene	
27768	barren	
27769	Upper Miocene	
27770	Lower Luisian	
27771	barren	
27772	Luisian	
27773	Miocene?	
27774	Middle Miocene	
27775	Zemorrian	
27776	Upper Miocene	
27777	Upper Miocene	
27778	Luisian	
27779	Luisian	
27780	barren	
27781	M or U Miocene	
27782	not diagnostic	
27783	Mohnian?	
27784	Upper Miocene	
27785	Mohnian?	
27786	no paleo info	
27787	no paleo info	
27788	no paleo info	
27789	no paleo info	
27790	no paleo info	
27791	no paleo info	
27792	Relizian	

	I	M
1	ONE/SERIES/AGE	
27793	barren	
27794	Luisian	
27795	Lower Miocene	
27796	Middle Miocene	
27797	no paleo info	
27798	not diagnostic	
27799	Cretaceous	
27800	Cretaceous	
27801	Cretaceous	
27802	Cretaceous	
27803	Cretaceous	
27804	no paleo info	
27805	no paleo info	
27806	Cretaceous	
27807	Cretaceous	
27808	U Cret F zone	
27809	Paleocene/Eocene	
27810	U Cret E/G zones	
27811	Upper Cretaceous	
27812	U Cret F-1 zone	
27813	U Cret F-1 zone	
27814	U Cret F-1 zone	
27815	U Cret F-1 zone	
27816	not diagnostic	
27817	not diagnostic	
27818	U Cret G-2 zone	
27819	U Cret G-2 zone	
27820	U Cret G-2 zone	
27821	U Cret G-2 zone	
27822	U Cret G-2 zone	
27823	U Cret G-2 zone	
27824	U Cret G-2 zone	
27825	U Cret G-2 zone	
27826	U Cret G-2 zone	
27827	U Cret G-2 zone	
27828	U Cret G-2 zone	
27829	U Cret G-2 zone	
27830	U Cret G-2 zone	
27831	U Cret G-2 zone	
27832	U Cret G-1 zone	
27833	U Cret G-1 zone	
27834	U Cret G-1 zone	
27835	Upper Cretaceous	
27836	Upper Cretaceous	
27837	Upper Cretaceous	
27838	U Cret F-2 zone	
27839	U Cret F-2 zone	
27840	U Cret F-2 zone	
27841	U Cret F-2 zone	
27842	U Cret F-2 zone	
27843	U Cret F-2 zone	
27844	U Cret F-2 zone	
27845	U Cret F-2 zone	
27846	U Cret F-2 zone	
27847	not diagnostic	
27848	not diagnostic	
27849	not diagnostic	
27850	not diagnostic	
27851	not diagnostic	
27852	not diagnostic	
27853	U Cret I zone	
27854	U Cret I zone	
27855	not diagnostic	
27856	not diagnostic	
27857	not diagnostic	
27858	not diagnostic	
27859	not diagnostic	
27860	not diagnostic	
27861	not diagnostic	
27862	not diagnostic	
27863	not diagnostic	
27864	prob U Cret H zone	
27865	not diagnostic	
27866	L Cret J-1 zone	
27867	L Cret J-1 zone	
27868	U Cret H zone	
27869	not diagnostic	
27870	M Miocene	
27871		
27872	Saucesian	
27873	M Miocene	
27874	M Miocene	
27875	M Miocene	
27876	L Miocene	
27877	not diagnostic	

	I	M
1	ONE/SERIES/AGF	
27878	not diagnostic	
27879	not diagnostic	
27880	M Miocene	
27881	not diagnostic	
27882	not diagnostic	
27883	not diagnostic	
27884	not diagnostic	
27885	no paleo data	
27886	no paleo data	
27887	Mohnian?	
27888	Luisian	
27889	Middle Miocene	
27890	Middle Miocene	
27891	no paleo info	
27892	not diagnostic	
27893	Middle Miocene	
27894	not diagnostic	
27895	Delmontian	
27896	Delmontian	
27897	Miocene/Pliocene	
27898	Miocene/Pliocene	
27899	not diagnostic	
27900	Miocene/Pliocene	
27901	Lower Pliocene	
27902	Lower Pliocene	
27903	Saucesian/Relizian	
27904	Saucesian/Relizian	
27905	not diagnostic	
27906	Middle Miocene	
27907	not diagnostic	
27908	Lower Pliocene	
27909	Zemorrian	
27910	Zemorrian	
27911	Upper Mohnian	
27912	Upper Luisian	
27913	not diagnostic	
27914	Saucesian/Relizian	
27915	Luisian/Relizian	
27916	Lower Relizian	
27917	Relizian	
27918	Luisian	
27919	Luisian	
27920	Luisian	
27921	Relizian	
27922	? Middle Miocene	
27923	not diagnostic	
27924	Luisian	
27925	Middle Miocene	
27926	Lower Mohnian	
27927	Upper Miocene	
27928	Luisian	
27929	prob M Miocene	
27930	Luisian	
27931	Middle Miocene	
27932	Luisian	
27933	Middle Miocene	
27934	Luisian	
27935	nonmarine?	
27936	Lower Mohnian	
27937	Middle Miocene	
27938	not diagnostic	
27939	Lower Eocene	
27940	Upper Cretaceous	
27941	Upper Cretaceous	
27942	U Cret G-1 zone	
27943	poss U Cretaceous	
27944	Upper Cretaceous	
27945	poss U Cretaceous	
27946	prob U Cretaceous	
27947	Eocene A/C zone	
27948	Upper Cretaceous	
27949	U Cret E zone	
27950	Cretaceous	
27951	poss U Cretaceous	
27952	Upper Cretaceous	
27953	U Cret F-1 zone	
27954	Upper Cretaceous	
27955	Middle Eocene	
27956	poss U Cretaceous	
27957	U Cret F/G zones	
27958	Cretaceous	
27959	prob U Cretaceous	
27960	U Cret F/G zones	
27961	Upper Cretaceous	
27962	no paleo info	

	I	M
1	ONE/SERIES/AGT	
27963	no paleo info	
27964	no paleo info	
27965	no paleo info	
27966	no paleo info	
27967	no paleo info	
27968	no paleo info	
27969	no paleo info	
27970	no paleo info	
27971	no paleo info	
27972	no paleo info	
27973	no paleo info	
27974	no paleo info	
27975	no paleo info	
27976	no paleo info	
27977	not diagnostic	
27978	Upper Saucesian	
27979	prob Saucesian	
27980	not diagnostic	
27981	L or M Miocene	
27982	Saucesian	
27983	Cretaceous	
27984	not diagnostic	
27985	Middle Miocene	
27986	Zemorrian	
27987	Zemorrian	
27988	Zemorrian	
27989	Zemorrian	
27990	Lower Zemorrian	
27991	Lower Zemorrian	
27992	Middle Miocene	
27993	no paleo info	
27994	Upper Miocene	
27995	poss Mohnian	
27996	poss Mohnian	
27997	Upper Cretaceous	
27998	Upper Cretaceous	
27999	M Eocene A-2 zone	
28000	Delmontian?	
28001	Pliocene	
28002	Probably Pliocene	
28003	Pliocene	
28004	Pliocene	
28005	U Cret G/H zones	
28006	U Cret G/H zones	
28007	U Cret G/H zones	
28008	U Cret G/H zones	
28009	U Cret G/H zones	
28010	U Cret G/H zones	
28011	U Cret G/H zones	
28012	U Cret G/H zones	
28013	U Cret G/H zones	
28014	U Cret G/H zones	
28015	U Cret G/H zones	
28016	U Cret G/H zones	
28017	U Cret G/H zones	
28018	U Cret G/H zones	
28019	U Cret G/H zones	
28020	U Cret G/H zones	
28021	U Cret G/H zones	
28022	U Cret G/H zones	
28023	L Cret J-1 zone	
28024	not diagnostic	
28025	no paleo info	
28026	U Cret G-1 zone	
28027	not diagnostic	
28028	not diagnostic	
28029	not diagnostic	
28030	not diagnostic	
28031	not diagnostic	
28032	not diagnostic	
28033	not diagnostic	
28034	not diagnostic	
28035	not diagnostic	
28036	not diagnostic	
28037	U Cret H zone	
28038	no paleo info	
28039	no paleo info	
28040	U Cret H zone	
28041	no paleo info	
28042	no paleo info	
28043	no paleo info	
28044	no paleo info	
28045	no paleo info	
28046	Mohnian	
28047	Upper Miocene	

	I	M
1	ONE/SERIES/AGF	
28048	Middle Miocene	
28049	Luisian	
28050	Middle Miocene	
28051	not diagnostic	
28052	no paleo info	
28053	Saucesian	
28054	? Lower Mohnian	
28055	not diagnostic	
28056	not diagnostic	
28057	Upper Mohnian	
28058	not diagnostic	
28059	Luisian	
28060	Luisian	
28061	Middle Miocene	
28062	Saucesian	
28063	not diagnostic	
28064	Cretaceous	
28065	Cretaceous	
28066	Cretaceous	
28067	Eocene	
28068	Eocene	
28069	Eocene	
28070	Eocene	
28071	Eocene	
28072	Eocene	
28073	Eocene	
28074	Eocene	
28075	Eocene	
28076	Eocene	
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28078	Eocene	
28079	Eocene	
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28081	Eocene	
28082	Eocene	
28083	Eocene	
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28094	Eocene	
28095	Eocene	
28096	Eocene	
28097	Eocene	
28098	Eocene	
28099	Eocene	
28100	Eocene	
28101	Eocene	
28102	Eocene	
28103	Eocene	
28104	Eocene	
28105	Eocene	
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28116	Eocene	
28117	Eocene	
28118	Eocene	
28119	Eocene	
28120	Eocene	
28121	Eocene	
28122	Eocene	
28123	Eocene	
28124	Eocene	
28125	Eocene	
28126	Eocene	
28127	Eocene	
28128	Eocene	
28129	Eocene	
28130	Eocene	
28131	Eocene	
28132	Eocene	

	I	M
1	ONE/SERIES/AGI	
28133	Eocene	
28134	Eocene	
28135	Eocene	
28136	Eocene	
28137	Eocene	
28138	Eocene	
28139	Eocene	
28140	Eocene	
28141	Eocene	
28142	Eocene	
28143	Eocene	
28144	Eocene	
28145	Eocene	
28146	Eocene	
28147	Eocene	
28148	Eocene	
28149	Eocene	
28150	Eocene	
28151	Eocene	
28152	Eocene	
28153	Eocene	
28154	Eocene	
28155	Eocene	
28156	Eocene	
28157	Eocene	
28158	Eocene	
28159	Eocene	
28160	Eocene	
28161	Eocene	
28162	Eocene	
28163	Eocene	
28164	Eocene	
28165	Eocene	
28166	Eocene	
28167	Eocene	
28168	Eocene	
28169	Eocene	
28170	Eocene	
28171	Eocene	
28172	Eocene	
28173	Eocene	
28174	Eocene	
28175	Eocene	
28176	Eocene	
28177	Eocene	
28178	Eocene	
28179	Eocene	
28180	Eocene	
28181	Eocene	
28182	Eocene	
28183	Miocene	
28184	Miocene	
28185	Miocene	
28186	Miocene	
28187	no paleo data	
28188	no paleo info	
28189	no paleo info	
28190	no paleo info	
28191	no paleo info	
28192	no paleo info	
28193	no paleo info	
28194	no paleo info	
28195	no paleo info	
28196	no paleo info	
28197	no paleo info	
28198	Eocene	
28199	Eocene	
28200	Eocene	
28201	Eocene	
28202	Luisian	
28203	Luisian	
28204	Luisian	
28205	not diagnostic	
28206	Relizian	
28207	not diagnostic	
28208	Relizian	
28209	Relizian	
28210	not diagnostic	
28211	not diagnostic	
28212	no paleo info	
28213	no paleo info	
28214	no paleo info	
28215	no paleo info	
28216	M Miocene	
28217	Relizian	

	I	M
1	ONE/SERIES/AGF	
28218	Relizian	
28219	Relizian	
28220	M Miocene	
28221	Relizian	
28222	no paleo info	
28223	no paleo info	
28224	no paleo info	
28225	no paleo info	
28226	no paleo info	
28227	no paleo info	
28228	Relizian	
28229	Relizian	
28230	Relizian	
28231	not diagnostic	
28232	Luisian	
28233	Luisian	
28234	Relizian	
28235	Relizian	
28236	Relizian	
28237	Relizian	
28238	Relizian	
28239	? Relizian	
28240	? Relizian	
28241	? Relizian	
28242	Relizian	
28243	Relizian	
28244	Relizian	
28245	Relizian	
28246	Relizian	
28247	Relizian	
28248	? Upper Mohnian	
28249	Relizian	
28250	? Lower Miocene	
28251	? Lower Miocene	
28252	no paleo info	
28253	no paleo info	
28254	Relizian	
28255	Relizian	
28256	Lower Relizian	
28257	Lower Relizian	
28258	Relizian	
28259	not diagnostic	
28260	Lower Relizian	
28261	Lower Relizian	
28262	Lower Relizian	
28263	Relizian	
28264	not diagnostic	
28265	Lower Relizian	
28266	? Upper Miocene	
28267	not diagnostic	
28268	barren	
28269	not diagnostic	
28270	not diagnostic	
28271	Luisian	
28272	Middle Miocene	
28273	Luisian	
28274	Luisian	
28275	Luisian	
28276	Saucesian	
28277	Saucesian	
28278	Saucesian	
28279	Saucesian	
28280	Saucesian	
28281	Saucesian	
28282	Lower Relizian	
28283	Lower Relizian	
28284	Lower Relizian	
28285	Saucesian	
28286	Saucesian	
28287	Saucesian	
28288	not diagnostic	
28289	not diagnostic	
28290	not diagnostic	
28291	Middle Miocene	
28292	Saucesian	
28293	Relizian	
28294	Relizian	
28295	Lower Relizian	
28296	Lower Relizian	
28297	Lower Relizian	
28298	Lower Relizian	
28299	Lower Relizian	
28300	Lower Relizian	
28301	Lower Relizian	
28302	Relizian	

	I	M
1	ONE/SERIES/AGF	
28303	Relizian	
28304	Relizian	
28305	Relizian	
28306	no paleo info	
28307	Middle Miocene	
28308	not diagnostic	
28309	no paleo info	
28310	no paleo info	
28311	no paleo info	
28312	no paleo info	
28313	no paleo info	
28314	no paleo info	
28315	Cretaceous?	
28316	no paleo info	
28317	no paleo info	
28318	Lower Mohnian	
28319	Mohnian	
28320	Mohnian	
28321	Mohnian	
28322	not diagnostic	
28323	Middle Mohnian	
28324	Middle Mohnian	
28325	Mohnian	
28326	Middle Mohnian	
28327	Relizian	
28328	Relizian	
28329	Relizian	
28330	Middle Mohnian	
28331	Mohnian	
28332	Mohnian	
28333	no paleo info	
28334	no paleo info	
28335	no paleo info	
28336	not diagnostic	
28337	Upper Cretaceous	
28338	not diagnostic	
28339	not diagnostic	
28340	not diagnostic	
28341	not diagnostic	
28342	not diagnostic	
28343	not diagnostic	
28344	not diagnostic	
28345	not diagnostic	
28346	not diagnostic	
28347	not diagnostic	
28348	Upper Paleocene	
28349	not diagnostic	
28350	poss Paleocene E	
28351	not diagnostic	
28352	not diagnostic	
28353	not diagnostic	
28354	not diagnostic	
28355	Eocene	
28356	Eocene	
28357	Eocene	
28358	Eocene	
28359	Eocene	
28360	Eocene	
28361	Eocene	
28362	Eocene	
28363	Eocene	
28364	Eocene	
28365	Eocene	
28366	Eocene	
28367	Eocene	
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28370	Eocene	
28371	Eocene	
28372	Eocene	
28373	Eocene	
28374	Eocene	
28375	Eocene	
28376	Eocene	
28377	Eocene	
28378	assemblage slide	
28379	Miocene	
28380	Miocene	
28381	Miocene	
28382	Miocene	
28383	Miocene	
28384	Miocene	
28385	Miocene	
28386	Miocene	
28387	Miocene	

	I	M
1	ONE/SERIES/AGF	
28388	Miocene	
28389	Miocene	
28390	Miocene	
28391	Miocene	
28392	Miocene	
28393	Miocene	
28394	Miocene	
28395	Miocene	
28396	Miocene	
28397	no paleo info	
28398	no paleo info	
28399	no paleo info	
28400	no paleo info	
28401	no paleo info	
28402	no paleo info	
28403	no paleo info	
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28405	no paleo info	
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28411	no paleo info	
28412	no paleo info	
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28414	no paleo info	
28415	no paleo info	
28416	no paleo info	
28417	no paleo info	
28418	no paleo info	
28419	no paleo info	
28420	no paleo info	
28421	no paleo info	
28422	no paleo info	
28423	not diagnostic	
28424	Upper Cretaceous	
28425	not diagnostic	
28426	not diagnostic	
28427	not diagnostic	
28428	Upper Cretaceous	
28429	Upper Cretaceous	
28430	Upper Cretaceous	
28431	Eoc A-1 & Ref?	
28432	U Eoc A-2 zone	
28433	U Eoc A-2 zone	
28434	U Eoc A-2 zone	
28435	U Eoc A-2 zone	
28436	U Eoc A-2 zone	
28437	U Eoc A-2 zone	
28438	U Eoc A-2 zone	
28439	U Eoc A-2 zone	
28440	U Eoc A-2 zone	
28441	U Eoc A-2 zone	
28442	U Eoc A-2 zone	
28443	U Eoc A-2 zone	
28444	U Eoc A-2 zone	
28445	U Eoc A-2 zone	
28446	U Eoc A-2 zone	
28447	U Eoc A-2 zone	
28448	U Eoc A-2 zone	
28449	U Eoc A-2 zone	
28450	U Eoc A-2 zone	
28451	U Eoc A-2 zone	
28452	U Eoc A-2 zone	
28453	U Eoc A-2 zone	
28454	U Eoc A-2 zone	
28455	U Eoc A-2 zone	
28456	U Eoc A-2 zone	
28457	U Eoc A-2 zone	
28458	U Eoc A-2 zone	
28459	U Eoc A-2 zone	
28460	U Eoc A-2 zone	
28461	U Eoc A-2 zone	
28462	U Eoc A-2 zone	
28463	U Eoc A-2 zone	
28464	U Eoc A-2 zone	
28465	U Eoc A-1 zone	
28466	U Eoc A-1 zone	
28467	U Eoc A-1 zone	
28468	U Eoc A-1 zone	
28469	U Eoc A-1 zone	
28470	U Eoc A-1 zone	
28471	U Eoc A-1 zone	
28472	U Eoc A-1 zone	

	I	M
1	ONE/SERIES/AGF	
28473	U Eoc A-1 zone	
28474	U Eoc A-1 zone	
28475	U Eoc A-1 zone	
28476	U Eoc A-1 zone	
28477	U Eoc A-1 zone	
28478	U Eoc A-1 zone	
28479	U Eoc A-1 zone	
28480	U Eoc A-1 zone	
28481	U Eoc A-1 zone	
28482	U Eoc A-1 zone	
28483	U Eoc A-1 zone	
28484	U Eoc A-1 zone	
28485	U Eoc A-1 zone	
28486	U Eoc A-1 zone	
28487	U Eoc A-1 zone	
28488	U Eoc A-1 zone	
28489	U Eoc A-1 zone	
28490	U Eocene	
28491	Eoc A-1 & Refug.?	
28492	Eoc A-1 & Refug.?	
28493	Eoc A-1 & Refug.?	
28494	Eoc A-1 & Refug.?	
28495	Eoc A-1 & Refug.?	
28496	Eoc A-1 & Refug.?	
28497	Eoc A-1 & Refug.?	
28498	Eoc A-1 & Refug.?	
28499	Eocene	
28500	Eocene	
28501	prob Luisian	
28502	no paleo info	
28503	no paleo info	
28504	Middle Miocene	
28505	Relizian	
28506	Miocene	
28507	Eocene A zone	
28508	no paleo info	
28509	no paleo info	
28510	no paleo info	
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28514	no paleo info	
28515	no paleo info	
28516	no paleo info	
28517	Eocene	
28518	Middle Miocene	
28519	U Eocene A zone	
28520	U Eocene A zone	
28521	prob Paleocene	
28522	prob Paleocene	
28523	prob Paleocene	
28524	prob Paleocene	
28525	prob Paleocene	
28526	prob Paleocene	
28527	Eocene A zone	
28528	Eocene A zone	
28529	U Cret F-1 zone	
28530	Eocene A zone	
28531	Eocene A zone	
28532	not diagnostic	
28533	Poss L Miocene	
28534	barren	
28535	prob Relizian	
28536	Relizian	
28537	Eocene A zone	
28538	Eocene A zone	
28539	barren	
28540	Eocene A zone	
28541	not diagnostic	
28542	not diagnostic	
28543	not diagnostic	
28544	Eocene A-2 zone	
28545	Eocene A-2 zone	
28546	not diagnostic	
28547	not diagnostic	
28548	Paleocene D zone	
28549	Paleocene D zone	
28550	Paleocene D zone	
28551	Paleocene D zone	
28552	not diagnostic	
28553	Eocene B zones	
28554	U Cret H zone	
28555	no paleo info	
28556	Upper Cretaceous	
28557	U Eocene A zone	

	I	M
1	ONE/SERIES/AGF	
28558	U Eocene A zone	
28559	U Eocene A zone	
28560	L Cret J-1 zone	
28561	Upper Cretaceous	
28562	U Eocene A zone	
28563	U Eocene A zone	
28564	U Eocene A zone	
28565	U Eocene A zone	
28566	not diagnostic	
28567	U Eocene A-1 zon	
28568	composite?	
28569	composite?	
28570	composite?	
28571	see set above	
28572	see set above	
28573	see set above	
28574	see set above	
28575	see set above	
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28627	see set above	
28628	see set above	
28629	see set above	
28630	see set above	
28631	see set above	
28632	Eocene	
28633	Eocene/Paleocene	
28634	Eocene/Paleocene	
28635	Eocene/Paleocene	
28636	Relizian	
28637	Miocene	
28638	Miocene	
28639	Miocene	
28640	Miocene	
28641	not diagnostic	
28642	not diagnostic	

	I	M
1	ONE/SERIES/AGI	
28643	not diagnostic	
28644	not diagnostic	
28645	Relizian	
28646	Relizian	
28647	Relizian	
28648	Relizian	
28649	Relizian	
28650	Sauc/Relizian	
28651	Sauc/Relizian	
28652	Relizian	
28653	Relizian	
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28655	Relizian	
28656	no paleo info	
28657	no paleo info	
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28660	no paleo info	
28661	no paleo info	
28662	Cretaceous	
28663	Paleocene	
28664	Paleocene	
28665	Eocene	
28666	Eocene	
28667	Eocene	
28668	Eocene	
28669	not diagnostic	
28670	not diagnostic	
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28727	no age provided	

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1	ONE/SERIES/AGI	
28728	no age provided	
28729	no age provided	
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28731	no age provided	
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28733	no age provided	
28734	no age provided	
28735	no age provided	
28736	no age provided	
28737	no age provided	
28738	no age provided	
28739	no age provided	
28740	Eocene	
28741	Eocene	
28742	Eocene	
28743	Eocene	
28744	Eocene	
28745	Eocene	
28746	Eocene	
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28748	Eocene	
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28768	Eocene	
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28772	Eocene	
28773	Eocene	
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28810	no paleo info	
28811	no paleo info	
28812	no paleo info	

	I	M
1	ONE/SERIES/AGF	
28813	no paleo info	
28814	no paleo info	
28815	no paleo info	
28816	Miocene	
28817	Miocene	
28818	Miocene	
28819	Miocene	
28820	Miocene	
28821	Miocene	
28822	Miocene	
28823	Miocene	
28824	Miocene	
28825	Miocene	
28826	Miocene	
28827	Tertiary	
28828	Tertiary	
28829	Tertiary	
28830	Tertiary	
28831	Tertiary	
28832	Tertiary	
28833	Tertiary	
28834	Tertiary	
28835	Tertiary	
28836	Tertiary	
28837	Tertiary	
28838	Tertiary	
28839	Tertiary	
28840	Tertiary	
28841	Tertiary	
28842	U Eocene A zone	
28843	Tertiary	
28844	Tertiary	
28845	Tertiary	
28846	Tertiary	
28847	Tertiary	
28848	Tertiary	
28849	Tertiary	
28850	Tertiary	
28851	Tertiary	
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28854	Tertiary	
28855	Tertiary	
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28857	Tertiary	
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28859	Tertiary	
28860	Tertiary	
28861	Tertiary	
28862	Tertiary	
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28864	Tertiary	
28865	Tertiary	
28866	Tertiary	
28867	Tertiary	
28868	Tertiary	
28869	Tertiary	
28870	Tertiary	
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28872	Tertiary	
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28874	Tertiary	
28875	Tertiary	
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28880	Tertiary	
28881	Tertiary	
28882	Tertiary	
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28885	Tertiary	
28886	Tertiary	
28887	Tertiary	
28888	Tertiary	
28889	Tertiary	
28890	L Eocene C zone	
28891	L Eocene C zone	
28892	L Eocene C zone	
28893	L Eocene C zone	
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28895	L Eocene C zone	
28896	L Eocene C zone	
28897	L Eocene C zone	

	I	M
1	ONE/SERIES/AGF	
28898	L Eocene C zone	
28899	L Eocene C zone	
28900	L Eocene C zone	
28901	L Eocene C zone	
28902	L Eocene C zone	
28903	Paleocene D/E zn	
28904	U Cret A/B zones	
28905	U Cret A/B zones	
28906	U Cret A/B zones	
28907	U Cret A/B zones	
28908	U Cret A/B zones	
28909	U Cret A/B zones	
28910	U Cret A/B zones	
28911	U Cret A/B zones	
28912	U Cret A/B zones	
28913	U Cret A/B zones	
28914	U Cret A/B zones	
28915	U Cret A/B zones	
28916	U Cret A/B zones	
28917	U Cret A/B zones	
28918	U Cret A/B zones	
28919	U Cret A/B zones	
28920	U Cret A/B zones	
28921	U Cret A/B zones	
28922	U Cret A/B zones	
28923	U Cret A/B zones	
28924	U Cret A/B zones	
28925	U Cret A/B zones	
28926	U Cret A/B zones	
28927	U Cret A/B zones	
28928	U Cret A/B zones	
28929	U Cret A/B zones	
28930	U Cret A/B zones	
28931	U Cret A/B zones	
28932	U Cret A/B zones	
28933	U Cret A/B zones	
28934	U Cret A/B zones	
28935	U Cret A/B zones	
28936	U Cret A/B zones	
28937	U Cret A/B zones	
28938	U Cret A/B zones	
28939	U Cret A/B zones	
28940	U Cret A/B zones	
28941	U Cret A/B zones	
28942	U Cret C zone	
28943	U Cret C zone	
28944	U Cret C zone	
28945	U Cret C zone	
28946	U Cret C zone	
28947	U Cret C zone	
28948	U Cret C zone	
28949	U Cret C zone	
28950	U Cret C zone	
28951	U Cret C zone	
28952	U Cret C zone	
28953	Cretaceous	
28954	Cretaceous	
28955	Cretaceous	
28956	barren	
28957	not diagnostic	
28958	Upper Cretaceous	
28959	Cretaceous	
28960	Cretaceous	
28961	not diagnostic	
28962	?U Cret C zone	
28963	?Cretaceous	
28964	?Cretaceous	
28965	not diagnostic	
28966	?Cretaceous	
28967	?Cretaceous	
28968	?Cretaceous	
28969	Eocene C zone	
28970	Cretaceous	
28971	Eocene C zone	
28972	Eocene C zone	
28973	Eocene C zone	
28974	not diagnostic	
28975	not diagnostic	
28976	?Cretaceous	
28977	Upper Cretaceous	
28978	Upper Cretaceous	
28979	not diagnostic	
28980	not diagnostic	
28981	no paleo info	
28982	barren	

	I	M
1	ONE/SERIES/AGF	
28983	Eocene C zone	
28984	not diagnostic	
28985	Eocene C zone	
28986	barren	
28987	barren	
28988	barren	
28989	not diagnostic	
28990	not diagnostic	
28991	L Eocene B-3 zone	
28992	barren	
28993	L Eocene B-3 zone	
28994	no paleo info	
28995	L Eocene C zone	
28996	L Eocene C zone	
28997	L Eocene C zone	
28998	L Eocene C zone	
28999	L Eocene C zone	
29000	not diagnostic	
29001	Cret/Paleocene	
29002	not diagnostic	
29003	Cret/Paleocene	
29004	Upper Cretaceous	
29005	Paleocene E zone	
29006	Cret/Paleocene	
29007	Paleocene E zone	
29008	barren	
29009	Upper Cretaceous	
29010	L Eocene B-3 zone	
29011	L Eocene B-3 zone	
29012	L Eocene C zone	
29013	L Eocene C zone	
29014	L Eocene C zone	
29015	Upper Cretaceous	
29016	barren	
29017	L Eocene B-3 zone	
29018	?Lower Eocene	
29019	Upper Cretaceous	
29020	Upper Cretaceous	
29021	Upper Cretaceous	
29022	Upper Cretaceous	
29023	Upper Cretaceous	
29024	Upper Cretaceous	
29025	Upper Cretaceous	
29026	Paleocene	
29027	Paleocene	
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29039	Paleocene	
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29045	Eocene	
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29047	no paleo info	
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29061	no paleo info	
29062	no paleo info	
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29064	no paleo info	
29065	Eocene	
29066	Eocene	
29067	Eocene	

	I	M
1	ONE/SERIES/AGI	
29068	Eocene	
29069	Eocene	
29070	Eocene	
29071	Eocene	
29072	Eocene	
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29074	Eocene	
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29079	Eocene	
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29081	Eocene	
29082	Eocene	
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29084	Eocene	
29085	Eocene	
29086	Cretaceous	
29087	Cretaceous	
29088	Paleocene	
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29102	Eocene	
29103	Eocene	
29104	Eocene	
29105	Eocene	
29106	Eocene	
29107	Eocene	
29108	Upper Cretaceous	
29109	barren	
29110	not diagnostic	
29111	not diagnostic	
29112	not diagnostic	
29113	Upper Cretaceous	
29114	Upper Cretaceous	
29115	Upper Cretaceous	
29116	not diagnostic	
29117	barren	
29118	no paleo info	
29119	U Cret D-1 zone	
29120	Middle Miocene	
29121	Saucesian	
29122	Saucesian	
29123	Saucesian	
29124	no paleo info	
29125	no paleo info	
29126	no paleo info	
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29128	Saucesian	
29129	Saucesian	
29130	Saucesian	
29131	Saucesian	
29132	Saucesian	
29133	Luisian	
29134	Luisian	
29135	no paleo info	
29136	no paleo info	
29137	no paleo info	
29138	barren	
29139	barren	
29140	Luisian	
29141	Miocene	
29142	Miocene	
29143	Miocene	
29144	Miocene	
29145	not diagnostic	
29146	no paleo info	
29147	Miocene	
29148	Saucesian/Relizian	
29149	Lower Relizian	
29150	Saucesian/Relizian	
29151	Zemorrian	
29152	Zemorrian	

	I	M
1	ONE/SERIES/AGI	
29153	Zemorrian	
29154	poss U Miocene	
29155	Lower Miocene	
29156	Luisian	
29157	no paleo info	
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29318	no age provided	
29319	no paleo info	
29320	no paleo info	
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	I	M
1	ONE/SERIES/AGI	
29323	no paleo info	
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1	ONE/SERIES/AG	
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30873	U Cret C/D-1 zone	
30874	not diagnostic	
30875	Paleocene E zone	
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30885	Upper Eocene	
30886	U Cret I zone	
30887	U Cret F-2 zone	
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30899	no paleo info	
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30901	U Cret F-2 zone	
30902	U Cret D-2 zone	
30903	U Cret D-2 zone	
30904	U Cret D-2 zone	
30905	not diagnostic	
30906	not diagnostic	
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30910	Eocene C zone	
30911	not diagnostic	
30912	Paleocene E zone	
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30919	Eocene	
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30925	Cretaceous	
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30932	no paleo info	
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30936	Middle Eocene	
30937	Middle Eocene	

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30969	Eocene A-2	
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30973	Eocene A-2	
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30998	not diagnostic	
30999	barren	
31000	not diagnostic	
31001	Upper Miocene	
31002	not diagnostic	
31003	U Eocene A-1 zon	
31004	U Eocene A-1 zon	
31005	no paleo info	
31006	no paleo info	
31007	Eocene C zone	
31008	no paleo info	
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31039	Eoc/Paleoc C/D	
31040	Eoc/Paleoc C/D	
31041	Eoc/Paleoc C/D	
31042	no paleo info	
31043	Paleocene D zone	
31044	Paleocene D zone	
31045	Paleocene D zone	
31046	barren	
31047	barren	
31048	barren	
31049	barren	
31050	Narizian	
31051	Eocene A-2 zone	
31052	not diagnostic	
31053	not diagnostic	
31054	Eocene B zones	
31055	Upper Eocene	
31056	Paleocene D/E	
31057	not diagnostic	
31058	Eocene C zone	
31059	not diagnostic	
31060	Paleocene D/E	
31061	Paleocene D/E	
31062	Paleocene D/E	
31063	Paleocene D/E	
31064	Paleocene D/E	
31065	not diagnostic	
31066	Paleocene D/E	
31067	Paleocene D/E	
31068	Upper Eocene	
31069	Paleocene	
31070	Paleocene	
31071	Eocene C zone	
31072	Eocene C zone	
31073	not diagnostic	
31074	not diagnostic	
31075	not diagnostic	
31076	not diagnostic	
31077	not diagnostic	
31078	U Eocene A-1 zon	
31079	Upper Eocene	
31080	Narizian	
31081	not diagnostic	
31082	U Eocene A-1 zon	
31083	no paleo info	
31084	Miocene	
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31086	Miocene	
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31101	not diagnostic	
31102	Ynezian E zone	
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31107	Eocene?	

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31111	Miocene	
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31116	Upper Miocene	
31117	Upper Miocene	
31118	no paleo info	
31119	Eocene	
31120	poss Eocene	
31121	Lower Miocene	
31122	U Eocene A zone	
31123	Upper Zemorrian	
31124	not diagnostic	
31125	Zemorrian	
31126	L or M Miocene	
31127	L or M Miocene	
31128	not diagnostic	
31129	not diagnostic	
31130	not diagnostic	
31131	L or M Miocene	
31132	L or M Miocene	
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31134	Cret/Paleocene	
31135	not diagnostic	
31136	Miocene/Pliocene	
31137	Miocene/Pliocene	
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31189	U Cret G zone	
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1	ONE/SERIES/AG	
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31362	Upper Eocene	

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1	ONE/SERIES/AGI	
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31617	U Eocene A-1 zon	

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31638	U Eocene A-1 zone	
31639	U Eocene A-1 zone	
31640	U Eocene A-1 zone	
31641	U Eocene A-1 zone	
31642	U Eocene A-1 zone	
31643	U Eocene A-1 zone	
31644	U Eocene A-1 zone	
31645	U Eocene A-1 zone	
31646	U Eocene A-1 zone	
31647	U Eocene A-1 zone	
31648	U Eocene A-1 zone	
31649	U Eocene A-1 zone	
31650	U Eocene A-1 zone	
31651	U Eocene A-1 zone	
31652	U Eocene A-1 zone	
31653	U Eocene A-1 zone	
31654	U Eocene A-1 zone	
31655	U Eocene A-1 zone	
31656	U Eocene A-1 zone	
31657	U Eocene A-1 zone	
31658	U Eocene A-1 zone	
31659	U Eocene A-1 zone	
31660	U Eocene A-1 zone	
31661	U Eocene A-1 zone	
31662	U Eocene A-1 zone	
31663	U Eocene A-1 zone	
31664	U Eocene A-1 zone	
31665	U Eocene A-1 zone	
31666	U Eocene A-1 zone	
31667	U Eocene A-1 zone	
31668	U Eocene A-1 zone	
31669	U Eocene A-1 zone	
31670	U Eocene A-1 zone	
31671	U Eocene A-1 zone	
31672	U Eocene A-1 zone	
31673	U Eocene A-1 zone	
31674	U Eocene A-1 zone	
31675	U Eocene A-1 zone	
31676	U Eocene A-1 zone	
31677	U Eocene A-1 zone	
31678	U Eocene A-1 zone	
31679	U Eocene A-1 zone	
31680	U Eocene A-1 zone	
31681	U Eocene A-1 zone	
31682	U Eocene A-1 zone	
31683	U Eocene A-1 zone	
31684	U Eocene A-1 zone	
31685	U Eocene A-1 zone	
31686	U Eocene A-1 zone	
31687	U Eocene A-1 zone	
31688	no paleo info	
31689	no paleo info	
31690	no paleo info	
31691	no paleo info	
31692	no paleo info	
31693	no paleo info	
31694	no paleo info	
31695	no paleo info	
31696	no paleo info	
31697	no paleo info	
31698	no paleo info	
31699	no paleo info	
31700	no paleo info	
31701	no paleo info	
31702	M Eocene A-2 zone	

	I	M
1	ONE/SERIES/AGE	
31703	M Eocene A-2 zon	
31704	M Eocene A-2 zon	
31705	M Eocene A-2 zon	
31706	M Eocene A-2 zon	
31707	M Eocene A-2 zon	
31708	M Eocene A-2 zon	
31709	M Eocene A-2 zon	
31710	M Eocene A-2 zon	
31711	M Eocene A-2 zon	
31712	M Eocene A-2 zon	
31713	M Eocene A-2 zon	
31714	M Eocene A-2 zon	
31715	M Eocene A-2 zon	
31716	M Eocene A-2 zon	
31717	M Eocene A-2 zon	
31718	M Eocene A-2 zon	
31719	M Eocene A-2 zon	
31720	M Eocene A-2 zon	
31721	M Eocene A-2 zon	
31722	M Eocene A-2 zon	
31723	M Eocene A-2 zon	
31724	M Eocene A-2 zon	
31725	M Eocene A-2 zon	
31726	M Eocene A-2 zon	
31727	M Eocene A-2 zon	
31728	M Eocene A-2 zon	
31729	M Eocene A-2 zon	
31730	M Eocene A-2 zon	
31731	M Eocene A-2 zon	
31732	M Eocene A-2 zon	
31733	M Eocene A-2 zon	
31734	M Eocene A-2 zon	
31735	M Eocene A-2 zon	
31736	M Eocene A-2 zon	
31737	M Eocene A-2 zon	
31738	M Eocene A-2 zon	
31739	M Eocene A-2 zon	
31740	M Eocene A-2 zon	
31741	M Eocene A-2 zon	
31742	M Eocene A-2 zon	
31743	M Eocene A-2 zon	
31744	M Eocene A-2 zon	
31745	M Eocene A-2 zon	
31746	M Eocene A-2 zon	
31747	M Eocene A-2 zon	
31748	M Eocene A-2 zon	
31749	M Eocene A-2 zon	
31750	M Eocene A-2 zon	
31751	M Eocene A-2 zon	
31752	M Eocene A-2 zon	
31753	M Eocene A-2 zon	
31754	M Eocene A-2 zon	
31755	M Eocene A-2 zon	
31756	M Eocene A-2 zon	
31757	M Eocene A-2 zon	
31758	M Eocene A-2 zon	
31759	M Eocene A-2 zon	
31760	Upper Eocene	
31761	Upper Eocene	
31762	Upper Eocene	
31763	Eocene	
31764	Eocene	
31765	Eocene	
31766	Eocene	
31767	Eocene	
31768	Eocene	
31769	Eocene	
31770	Eocene	
31771	Eocene	
31772	Cretaceous	
31773	Paleocene	
31774	no paleo info	
31775	no paleo info	
31776	no paleo info	
31777	no paleo info	
31778	no paleo info	
31779	no paleo info	
31780	no paleo info	
31781	no paleo info	
31782	no age given	
31783	no age given	
31784	no age given	
31785	Eocene	
31786	Eocene	
31787	Eocene	

	I	M
1	ZONE/SERIES/AGI	
31788	Eocene	
31789	Eocene	
31790	Eocene	
31791	Eocene	
31792	Eocene	
31793	Eocene	
31794	Eocene	
31795	Eocene	
31796	Eocene	
31797	Eocene	
31798	Eocene	
31799	Eocene	
31800	Eocene	
31801	Eocene	
31802	Eocene	
31803	Eocene	
31804	Eocene	
31805	Eocene	
31806	Eocene	
31807	prob Upper Miocer	
31808	prob Upper Miocer	
31809	prob Upper Miocer	
31810	prob Upper Miocer	
31811	prob Upper Miocer	
31812	prob Upper Miocer	
31813	prob Upper Miocer	
31814	prob Upper Miocer	
31815	prob Upper Miocer	
31816	prob Upper Miocer	
31817	prob Upper Miocer	
31818	prob Upper Miocer	
31819	prob Upper Miocer	
31820	prob Upper Miocer	
31821	prob Upper Miocer	
31822	prob Upper Miocer	
31823	prob Upper Miocer	
31824	prob Upper Miocer	
31825	Mostly not diagnos	
31826	Mostly not diagnos	
31827	Mostly not diagnos	
31828	Mostly not diagnos	
31829	Mostly not diagnos	
31830	Mostly not diagnos	
31831	Mostly not diagnos	
31832	Mostly not diagnos	
31833	Mostly not diagnos	
31834	Mostly not diagnos	
31835	Mostly not diagnos	
31836	Mostly not diagnos	
31837	Mostly not diagnos	
31838	Mostly not diagnos	
31839	Mostly not diagnos	
31840	Mostly not diagnos	
31841	Mostly not diagnos	
31842	Mostly not diagnos	
31843	Mostly not diagnos	
31844	Mostly not diagnos	
31845	Mostly not diagnos	
31846	Mostly not diagnos	
31847	Mostly not diagnos	
31848	Mostly not diagnos	
31849	Mostly not diagnos	
31850	Mostly not diagnos	
31851	Mostly not diagnos	
31852	Mostly not diagnos	
31853	Mostly not diagnos	
31854	Mostly not diagnos	
31855	Mostly not diagnos	
31856	Mostly not diagnos	
31857	Mostly not diagnos	
31858	Mostly not diagnos	
31859	Mostly not diagnos	
31860	Mostly not diagnos	
31861	Mostly not diagnos	
31862	Mostly not diagnos	
31863	Mostly not diagnos	
31864	Mostly not diagnos	
31865	Mostly not diagnos	
31866	Mostly not diagnos	
31867	Mostly not diagnos	
31868	Mostly not diagnos	
31869	probably Pliocene	
31870	Miocene	
31871	Miocene	
31872	Miocene	

	I	M
1	ONE/SERIES/AGI	
31873	Miocene	
31874	Miocene	
31875	Miocene	
31876	Miocene	
31877	Miocene	
31878	not diagnostic	
31879	not diagnostic	
31880	not diagnostic	
31881	Eocene?	
31882	not diagnostic	
31883	not diagnostic	
31884	no paleo info	
31885	no paleo info	
31886	no paleo info	
31887	no paleo info	
31888	no paleo info	
31889	no paleo info	
31890	no paleo info	
31891	no paleo info	
31892	no paleo info	
31893	no paleo info	
31894	no paleo info	
31895	no paleo info	
31896	no paleo info	
31897	no paleo info	
31898	no paleo info	
31899	no paleo info	
31900	no paleo info	
31901	no paleo info	
31902	no paleo info	
31903	no paleo info	
31904	no paleo info	
31905	no paleo info	
31906	no paleo info	
31907	no paleo info	
31908	no paleo info	
31909	no paleo info	
31910	no paleo info	
31911	Upper Miocene	
31912	Upper Miocene	
31913	Upper Miocene	
31914	nonmarine	
31915	no paleo info	
31916	no paleo info	
31917	no paleo info	
31918	Luisian	
31919	Luisian	
31920	Luisian	
31921	Luisian?	
31922	Luisian?	
31923	no paleo info	
31924	no paleo info	
31925	no paleo info	
31926	no paleo info	
31927	no paleo info	
31928	no paleo info	
31929	no paleo info	
31930	no paleo info	
31931	no paleo info	
31932	no paleo info	
31933	no paleo info	
31934	no paleo info	
31935	no paleo info	
31936	no paleo info	
31937	no paleo info	
31938	no paleo info	
31939	no paleo info	
31940	no paleo info	
31941	no paleo info	
31942	no paleo info	
31943	no paleo info	
31944	no paleo info	
31945	no paleo info	
31946	no paleo info	
31947	no paleo info	
31948	no paleo info	
31949	no paleo info	
31950	no paleo info	
31951	no paleo info	
31952	no paleo info	
31953	Middle Miocene	
31954	Upper Saucesian	
31955	Pliocene	
31956	Pliocene	
31957	Miocene	

	I	M
1	ONE/SERIES/AGE	
31958	Mohnian	
31959	Mohnian	
31960	no paleo info	
31961	no paleo info	
31962	no paleo info	
31963	no paleo info	
31964	Miocene	
31965	no paleo info	
31966	Miocene	
31967	no paleo info	
31968	prob L Miocene	
31969	Saucesian	
31970	no age info	
31971	no age info	
31972	Miocene	
31973	Miocene	
31974	Miocene	
31975	Miocene	
31976	Miocene	
31977	Miocene	
31978	Miocene	
31979	Miocene	
31980	Miocene	
31981	Mohnian?	
31982	Delmontian?	
31983	no age provided	
31984	no age provided	
31985	no age provided	
31986	no age provided	
31987	no age provided	
31988	no age provided	
31989	no age provided	
31990	no age provided	
31991	no age provided	
31992	no age provided	
31993	no age provided	
31994	no age provided	
31995	not diagnostic	
31996	barren	
31997	barren	
31998	barren	
31999	barren	
32000	barren	
32001	barren	
32002	barren	
32003	not diagnostic	
32004	barren	
32005	barren	
32006	barren	
32007	barren	
32008	barren	
32009	barren	
32010	not diagnostic	
32011	barren	
32012	not diagnostic	
32013	not diagnostic	
32014	barren	
32015	barren	
32016	not diagnostic	
32017	barren	
32018	not diagnostic	
32019	not diagnostic	
32020	barren	
32021	not diagnostic	
32022	barren	
32023	not diagnostic	
32024	barren	
32025	not diagnostic	
32026	Pliocene	
32027	Pliocene	
32028	Pliocene	
32029	Pliocene	
32030	Pliocene	
32031	Pliocene	
32032	Pliocene	
32033	Pliocene	
32034	Pliocene	
32035	Pliocene	
32036	Pliocene	
32037	Pliocene	
32038	Pliocene	
32039	Pliocene	
32040	Pliocene	
32041	Pliocene	
32042	Pliocene	

	I	M
1	ONE/SERIES/AG#	
32043	Pliocene	
32044	Pliocene	
32045	Pliocene	
32046	Pliocene	
32047	Pliocene	
32048	Pliocene	
32049	Pliocene	
32050	Pliocene	
32051	Pliocene	
32052	Pliocene	
32053	Pliocene	
32054	Pliocene	
32055	Pliocene	
32056	Pliocene	
32057	Pliocene	
32058	Pliocene	
32059	Pliocene	
32060	Pliocene	
32061	Pliocene	
32062	Pliocene	
32063	Pliocene	
32064	Pliocene	
32065	Pliocene	
32066	Pliocene	
32067	Pliocene	
32068	Pliocene	
32069	Pliocene	
32070	Pliocene	
32071	Pliocene	
32072	Pliocene	
32073	Pliocene	
32074	Pliocene	
32075	Pliocene	
32076	Pliocene	
32077	Pliocene	
32078	Pliocene	
32079	Pliocene	
32080	Pliocene	
32081	Pliocene	
32082	Pliocene	
32083	Pliocene	
32084	Pliocene	
32085	Pliocene	
32086	Pliocene	
32087	Pliocene	
32088	Pliocene	
32089	Pliocene	
32090	Pliocene	
32091	Pliocene	
32092	Pliocene	
32093	Pliocene	
32094	Pliocene	
32095	Pliocene	
32096	Pliocene	
32097	Pliocene	
32098	Pliocene	
32099	Pliocene	
32100	Pliocene	
32101	Pliocene	
32102	Pliocene	
32103	Pliocene	
32104	Pliocene	
32105	Pliocene	
32106	Pliocene	
32107	Pliocene	
32108	Pliocene	
32109	Pliocene	
32110	Pliocene	
32111	Pliocene	
32112	Pliocene	
32113	Pliocene	
32114	Pliocene	
32115	Pliocene	
32116	Pliocene	
32117	Pliocene	
32118	Pliocene	
32119	Pliocene	
32120	Pliocene	
32121	Pliocene	
32122	Pliocene	
32123	Pliocene	
32124	Pliocene	
32125	Pliocene	
32126	Pliocene	
32127	Pliocene	

	I	M
1	ONE/SERIES/AGE	
32128	Pliocene	
32129	Pliocene	
32130	Pliocene	
32131	Pliocene	
32132	Pliocene	
32133	Pliocene	
32134	Pliocene	
32135	Pliocene	
32136	Pliocene	
32137	Pliocene	
32138	Pliocene	
32139	Pliocene	
32140	Pliocene	
32141	Pliocene	
32142	Pliocene	
32143	Pliocene	
32144	Pliocene	
32145	Pliocene	
32146	Pliocene	
32147	Pliocene	
32148	Pliocene	
32149	Pliocene	
32150	Pliocene	
32151	Pliocene	
32152	Pliocene	
32153	Pliocene	
32154	Pliocene	
32155	Delmontian	
32156	Delmontian	
32157	Delmontian	
32158	Delmontian	
32159	Delmontian	
32160	Delmontian	
32161	Delmontian	
32162	Delmontian	
32163	Delmontian	
32164	Delmontian	
32165	Delmontian	
32166	Pliocene	
32167	Pliocene	
32168	Pliocene	
32169	Pliocene	
32170	barren	
32171	no age provided	
32172	no age provided	
32173	no age provided	
32174	no age provided	
32175	barren	
32176	barren	
32177	barren	
32178	barren	
32179	no age provided	
32180	no age provided	
32181	Pliocene	
32182	Pliocene	
32183	Pliocene	
32184	Pliocene	
32185	Pliocene	
32186	Pliocene	
32187	Pliocene	
32188	Pliocene	
32189	Pliocene	
32190	Pliocene	
32191	Pliocene	
32192	Pliocene	
32193	Pliocene	
32194	Pliocene	
32195	Pliocene	
32196	Pliocene	
32197	Pliocene	
32198	Pliocene	
32199	Pliocene	
32200	Pliocene	
32201	Pliocene	
32202	Pliocene	
32203	Pliocene	
32204	Pliocene	
32205	Pliocene	
32206	Pliocene	
32207	Pliocene	
32208	Pliocene	
32209	Pliocene	
32210	Pliocene	
32211	Pliocene	
32212	Pliocene	

	I	M
1	ONE/SERIES/AGF	
32213	Pliocene	
32214	Pliocene	
32215	Pliocene	
32216	Pliocene	
32217	Pliocene	
32218	Pliocene	
32219	Upper Mohnian	
32220	Upper Mohnian	
32221	Upper Mohnian	
32222	Upper Mohnian	
32223	Upper Mohnian	
32224	Upper Mohnian	
32225	Upper Mohnian	
32226	Upper Mohnian	
32227	Upper Mohnian	
32228	Upper Mohnian	
32229	Upper Mohnian	
32230	Upper Mohnian	
32231	not diagnostic	
32232	Middle Mohnian	
32233	Middle Mohnian	
32234	Middle Mohnian	
32235	Middle Mohnian	
32236	Middle Mohnian	
32237	Middle Mohnian	
32238	Middle Mohnian	
32239	Middle Mohnian	
32240	Middle Mohnian	
32241	Middle Mohnian	
32242	Middle Mohnian	
32243	Pliocene	
32244	no paleo info	
32245	no paleo info	
32246	L Cret J-2 zone	
32247	L Cret J-2 zone	
32248	L Cret J-2 zone	
32249	L Cret J-2 zone	
32250	L Cret J-2 zone	
32251	L Cret J-2 zone	
32252	L Cret J-2 zone	
32253	L Cret J-2 zone	
32254	L Cret J-2 zone	
32255	L Cret J-2 zone	
32256	L Cret J-2 zone	
32257	L Cret J-2 zone	
32258	L Cret J-2 zone	
32259	L Cret J-2 zone	
32260	L Cret J-2 zone	
32261	L Cret J-2 zone	
32262	L Cret J-2 zone	
32263	L Cret J-2 zone	
32264	L Cret J-2 zone	
32265	L Cret J-2 zone	
32266	L Cret J-2 zone	
32267	L Cret J-2 zone	
32268	L Cret J-2 zone	
32269	L Cret J-2 zone	
32270	L Cret J-2 zone	
32271	L Cret J-2 zone	
32272	L Cret J-2 zone	
32273	L Cret J-2 zone	
32274	L Cret J-2 zone	
32275	L Cret J-2 zone	
32276	L Cret J-2 zone	
32277	L Cret J-2 zone	
32278	L Cret J-2 zone	
32279	L Cret J-2 zone	
32280	not diagnostic	
32281	not diagnostic	
32282	not diagnostic	
32283	not diagnostic	
32284	not diagnostic	
32285	not diagnostic	
32286	not diagnostic	
32287	not diagnostic	
32288	not diagnostic	
32289	not diagnostic	
32290	not diagnostic	
32291	not diagnostic	
32292	not diagnostic	
32293	not diagnostic	
32294	not diagnostic	
32295	not diagnostic	
32296	not diagnostic	
32297	not diagnostic	

	I	M
1	ONE/SERIES/AGT	
32298	not diagnostic	
32299	not diagnostic	
32300	not diagnostic	
32301	not diagnostic	
32302	not diagnostic	
32303	not diagnostic	
32304	not diagnostic	
32305	not diagnostic	
32306	not diagnostic	
32307	not diagnostic	
32308	not diagnostic	
32309	not diagnostic	
32310	not diagnostic	
32311	not diagnostic	
32312	not diagnostic	
32313	not diagnostic	
32314	not diagnostic	
32315	L Cret K/L zone	
32316	L Cret K/L zone	
32317	L Cret K/L zone	
32318	U Cret G-1 zone	
32319	U Cret G-1 zone	
32320	not diagnostic	
32321	not diagnostic	
32322	barren	
32323	U Cret I zone	
32324	Jurassic	
32325	Jurassic	
32326	Upper Cretaceous	
32327	Upper Cretaceous	
32328	poss U Cretaceous	
32329	U Mohnian	
32330	L Mohnian	
32331	? Upper Miocene	
32332	Upper Miocene	
32333	? Upper Miocene	
32334	not diagnostic	
32335	Upper Miocene	
32336	Upper Miocene	
32337	Upper Miocene	
32338	barren	
32339	Upper Miocene	
32340	no paleo info	
32341	? Upper Miocene	
32342	?U Miocene	
32343	? Upper Mohnian	
32344	? Lower Mohnian	
32345	not diagnostic	
32346	Relizian	
32347	Luisian	
32348	Luisian (type)	
32349	Luisian (type)	
32350	Luisian (type)	
32351	Luisian (type)	
32352	Luisian (type)	
32353	Luisian (type)	
32354	Luisian (type)	
32355	Luisian (type)	
32356	Luisian (type)	
32357	Luisian (type)	
32358	Luisian (type)	
32359	Luisian (type)	
32360	Luisian (type)	
32361	Luisian (type)	
32362	Luisian (type)	
32363	Luisian (type)	
32364	Luisian (type)	
32365	Luisian (type)	
32366	Luisian (type)	
32367	Luisian (type)	
32368	Luisian (type)	
32369	Luisian (type)	
32370	Luisian (type)	
32371	Luisian (type)	
32372	Luisian (type)	
32373	Luisian (type)	
32374	Luisian (type)	
32375	Luisian (type)	
32376	Luisian (type)	
32377	Luisian (type)	
32378	Luisian (type)	
32379	Luisian (type)	
32380	Luisian (type)	
32381	Luisian (type)	
32382	Luisian (type)	

	I	M
1	ONE/SERIES/AGF	
32383	Luisian (type)	
32384	Luisian (type)	
32385	Luisian (type)	
32386	Luisian (type)	
32387	Luisian (type)	
32388	Luisian (type)	
32389	Luisian	
32390	Luisian	
32391	Luisian	
32392	Luisian	
32393	Luisian	
32394	Luisian	
32395	Luisian	
32396	Luisian	
32397	Luisian	
32398	Luisian	
32399	Luisian?	
32400	not diagnostic	
32401	not diagnostic	
32402	Luisian	
32403	Luisian	
32404	Luisian	
32405	Luisian	
32406	not diagnostic	
32407	not diagnostic	
32408	Luisian	
32409	Luisian	
32410	Luisian	
32411	Luisian	
32412	mixed Miocene	
32413	Luisian	
32414	Luisian	
32415	not diagnostic	
32416	Relizian	
32417	not diagnostic	
32418	Luisian	
32419	Prob L Cret L zone	
32420	not diagnostic	
32421	not diagnostic	
32422	Jurassic?	
32423	Jurassic?	
32424	Jurassic?	
32425	Jurassic?	
32426	Jurassic?	
32427	Jurassic?	
32428	Jurassic?	
32429	Jurassic?	
32430	Jurassic	
32431	Upper Jurassic	
32432	Upper Jurassic	
32433	not diagnostic	
32434	Upper Jurassic	
32435	Lower Cretaceous	
32436	Lower Cretaceous	
32437	Lower Cretaceous	
32438	Lower Cretaceous	
32439	Lower Cretaceous	
32440	Lower Cretaceous	
32441	Lower Cretaceous	
32442	Lower Cretaceous	
32443	Lower Cretaceous	
32444	Lower Cretaceous	
32445	Lower Cretaceous	
32446	Lower Cretaceous	
32447	Lower Cretaceous	
32448	Lower Cretaceous	
32449	Lower Cretaceous	
32450	Lower Cretaceous	
32451	Lower Cretaceous	
32452	Lower Cretaceous	
32453	Lower Cretaceous	
32454	Lower Cretaceous	
32455	Lower Cretaceous	
32456	Lower Cretaceous	
32457	Lower Cretaceous	
32458	Lower Cretaceous	
32459	Lower Cretaceous	
32460	Lower Cretaceous	
32461	Lower Cretaceous	
32462	Lower Cretaceous	
32463	Lower Cretaceous	
32464	Lower Cretaceous	
32465	Lower Cretaceous	
32466	Lower Cretaceous	
32467	Lower Cretaceous	

	I	M
1	ONE/SERIES/AGF	
32468	Lower Cretaceous	
32469	Lower Cretaceous	
32470	Lower Miocene	
32471	Lower Miocene	
32472	Lower Miocene	
32473	not diagnostic	
32474	not diagnostic	
32475	not diagnostic	
32476	not diagnostic	
32477	not diagnostic	
32478	not diagnostic	
32479	not diagnostic	
32480	not diagnostic	
32481	Saucesian	
32482	not diagnostic	
32483	not diagnostic	
32484	not diagnostic	
32485	Zemorrian?	
32486	not diagnostic	
32487	barren	
32488	barren	
32489	not diagnostic	
32490	Eocene?	
32491	Eocene?	
32492	not diagnostic	
32493	barren	
32494	not diagnostic	
32495	not diagnostic	
32496	not diagnostic	
32497	barren	
32498	barren	
32499	barren	
32500	barren	
32501	Eocene?	
32502	Eocene?	
32503	not diagnostic	
32504	not diagnostic	
32505	barren	
32506	not diagnostic	
32507	barren	
32508	not diagnostic	
32509	barren	
32510	not diagnostic	
32511	not diagnostic	
32512	not diagnostic	
32513	not diagnostic	
32514	Refugian	
32515	not diagnostic	
32516	not diagnostic	
32517	Eocene?	
32518	not diagnostic	
32519	not diagnostic	
32520	barren	
32521	Eocene?	
32522	barren	
32523	not diagnostic	
32524	not diagnostic	
32525	not diagnostic	
32526	barren	
32527	not diagnostic	
32528	not diagnostic	
32529	Upper Eocene	
32530	not diagnostic	
32531	Miocene?	
32532	Lower Miocene	
32533	Eocene A-2 zone	
32534	not diagnostic	
32535	Zemorrian	
32536	Miocene	
32537	Miocene?	
32538	Zemorrian	
32539	not diagnostic	
32540	Zemorrian?	
32541	Saucesian?	
32542	poss Saucesian	
32543	Saucesian	
32544	not diagnostic	
32545	Zemorrian	
32546	poss Zemorrian	
32547	not diagnostic	
32548	not diagnostic	
32549	Zemorrian	
32550	U Eocene A-2 zon	
32551	U Eocene A-2 zon	
32552	not diagnostic	

	I	M
1	ONE/SERIES/AGF	
32553	Zemorrian	
32554	not diagnostic	
32555	Lower Miocene	
32556	not diagnostic	
32557	Lower Miocene	
32558	not diagnostic	
32559	Lower Saucesian	
32560	Saucesian/Relizian	
32561	Lower Miocene	
32562	Lower Miocene	
32563	Lower Miocene	
32564	Upper Zemorrian	
32565	U Eocene A zone	
32566	U Eocene A zone	
32567	poss U Eocene	
32568	poss L Miocene	
32569	Lower Miocene	
32570	Upper Zemorrian	
32571	Lower Miocene	
32572	Lower Miocene	
32573	prob Eocene	
32574	prob Zemorrian	
32575	not diagnostic	
32576	prob Zemorrian	
32577	Lower Miocene	
32578	Lower Miocene	
32579	Lower Miocene	
32580	Middle Mohnian	
32581	Middle Mohnian	
32582	Middle Mohnian	
32583	Middle Mohnian	
32584	Middle Mohnian	
32585	Middle Mohnian	
32586	Middle Mohnian	
32587	Middle Mohnian	
32588	Upper Mohnian	
32589	Upper Mohnian	
32590	Upper Mohnian	
32591	Upper Mohnian	
32592	Upper Mohnian	
32593	Upper Mohnian	
32594	Upper Mohnian	
32595	Upper Mohnian	
32596	Upper Mohnian	
32597	Upper Mohnian	
32598	Upper Mohnian	
32599	Upper Mohnian	
32600	Upper Mohnian	
32601	Upper Mohnian	
32602	Upper Mohnian	
32603	no paleo info	
32604	no paleo info	
32605	Mohnian	
32606	Mohnian	
32607	Mohnian	
32608	Upper Miocene?	
32609	Upper Miocene?	
32610	not diagnostic	
32611	Upper Miocene?	
32612	not diagnostic	
32613	not diagnostic	
32614	not diagnostic	
32615	not diagnostic	
32616	Mohnian	
32617	no paleo info	
32618	no paleo info	
32619	no paleo info	
32620	no paleo info	
32621	Upper Mohnian	
32622	Upper Mohnian	
32623	Upper Mohnian	
32624	Upper Mohnian	
32625	Upper Mohnian	
32626	Upper Mohnian	
32627	Upper Mohnian	
32628	Upper Mohnian	
32629	Upper Mohnian	
32630	Upper Mohnian	
32631	Upper Mohnian	
32632	Upper Mohnian	
32633	Upper Mohnian	
32634	Upper Mohnian	
32635	prob Zemorrian	
32636	prob Zemorrian	
32637	prob Zemorrian	

	I	M
1	ONE/SERIES/AGT	
32638	prob Zemorrian	
32639	prob Zemorrian	
32640	prob Zemorrian	
32641	prob Zemorrian	
32642	prob Zemorrian	
32643	prob Zemorrian	
32644	prob Zemorrian	
32645	prob Zemorrian	
32646	prob Zemorrian	
32647	prob Zemorrian	
32648	prob Zemorrian	
32649	Zemorrian	
32650	Zemorrian	
32651	barren	
32652	barren	
32653	prob Luisian	
32654	Relizian	
32655	Saucesian	
32656	Zemorrian	
32657	poss Luisian	
32658	not diagnostic	
32659	Upper Relizian	
32660	Lower Relizian	
32661	prob Relizian	
32662	Lower Miocene	
32663	Middle Miocene	
32664	Middle Miocene	
32665	Relizian	
32666	prob Zemorrian	
32667	Luisian	
32668	no paleo info	
32669	no paleo info	
32670	no age provided	
32671	not diagnostic	
32672	not diagnostic	
32673	not diagnostic	
32674	not diagnostic	
32675	not diagnostic	
32676	not diagnostic	
32677	not diagnostic	
32678	not diagnostic	
32679	not diagnostic	
32680	not diagnostic	
32681	not diagnostic	
32682	not diagnostic	
32683	not diagnostic	
32684	not diagnostic	
32685	not diagnostic	
32686	not diagnostic	
32687	not diagnostic	
32688	not diagnostic	
32689	not diagnostic	
32690	not diagnostic	
32691	not diagnostic	
32692	not diagnostic	
32693	Upper Mohnian	
32694	Upper Mohnian	
32695	not diagnostic	
32696	not diagnostic	
32697	no paleo info	
32698	no paleo info	
32699	no paleo info	
32700	no paleo info	
32701	no paleo info	
32702	no paleo info	
32703	no paleo info	
32704	Lower Miocene	
32705	no paleo info	
32706	not diagnostic	
32707	not diagnostic	
32708	Saucesian	
32709	U Eocene A zone	
32710	U Eocene A zone	
32711	not diagnostic	
32712	Upper Eocene	
32713	Upper Eocene	
32714	Upper Eocene	
32715	poss Upper Eocen	
32716	poss Upper Eocen	
32717	poss upper Eocen	
32718	poss upper Eocen	
32719	poss upper Eocen	
32720	no paleo info	
32721	no paleo info	
32722	no paleo info	

	I	M
1	ONE/SERIES/AG#	
32723	no paleo info	
32724	no paleo info	
32725	no paleo info	
32726	Lower Zemorrian	
32727	Lower Zemorrian	
32728	no paleo info	
32729	no paleo info	
32730	no paleo info	
32731	no paleo info	