

119°30'

119°00'

118°00'

117°45'

36°00'



CORRELATION OF MAP UNITS

SURFICIAL DEPOSITS		TERTIARY DEPOSITS		QUATERNARY AND TERRACE	
80	Ks	89	Ks	90	Kw
81	Kk	90	Kk	91	Kd
82	Kp	91	Kp	92	Km
83	Kq	92	Kq	93	Kn
84	Kr	93	Kr	94	Ko
85	Ks	94	Ks	95	Kp
86	Kt	95	Kt	96	Kq
87	Ku	96	Ku	97	Kr
88	Kv	97	Kv	98	Ks
89	Kw	98	Kw	99	Kt
90	Kx	99	Kx	100	Ku
91	Ky	100	Ky	101	Kv
92	Kz	101	Kz	102	Kw
93	102	102	Kx	103	Kx
94	103	103	Ky	104	Ky
95	104	104	Kz	105	Kz
96	105	105	101	106	102
97	106	106	102	107	103
98	107	107	103	108	104
99	108	108	104	109	105
100	109	109	105	110	106
101	110	110	106	111	107
102	111	111	107	112	108
103	112	112	108	113	109
104	113	113	109	114	110
105	114	114	110	115	111
106	115	115	111	116	112
107	116	116	112	117	113
108	117	117	113	118	114
109	118	118	114	119	115
110	119	119	115	120	116
111	120	120	116	121	117
112	121	121	117	122	118
113	122	122	118	123	119
114	123	123	119	124	120
115	124	124	120	125	121
116	125	125	121	126	122
117	126	126	122	127	123
118	127	127	123	128	124
119	128	128	124	129	125
120	129	129	125	130	126

COASTAL PLATONIC AND METAMORPHIC ROCKS

102	K102	K102	K102	K102
110-120	K110-120	K110-120	K110-120	K110-120
103	K103	K103	K103	K103
110	K110	K110	K110	K110
120	K120	K120	K120	K120
130	K130	K130	K130	K130
140	K140	K140	K140	K140
150	K150	K150	K150	K150
160	K160	K160	K160	K160
170	K170	K170	K170	K170
180	K180	K180	K180	K180
190	K190	K190	K190	K190
200	K200	K200	K200	K200
210	K210	K210	K210	K210
220	K220	K220	K220	K220
230	K230	K230	K230	K230
240	K240	K240	K240	K240
250	K250	K250	K250	K250
260	K260	K260	K260	K260
270	K270	K270	K270	K270
280	K280	K280	K280	K280
290	K290	K290	K290	K290
300	K300	K300	K300	K300

LEGEND

- Contact, dashed where uncertain
- Contact between areas of foliated granitic bodies and unfoliated granitic rocks (near north boundary of map area)
- Fault, berbe on upper plate of thrust, dashed where questionable, dotted where concealed
- Limit of reasonably extrapolation of basement in San Joaquin Valley based on thin section study of oil well cores and notes from Driller's logs
- Location of oil well in San Joaquin Valley with basement date from Driller's log only

Generalized geologic map of basement rocks showing location of chemically analyzed granitic samples, southern Sierra Nevada, California

by
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This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.