

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY
GEOLOGIC MAP OF THE REYES PEAK QUADRANGLE,
VENTURA COUNTY, CALIFORNIA

By

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Version 1.0

LIST OF MAP UNITS

| | |
|------|---|
| Af | Artificial fill (Holocene) |
| Qaa | Active alluvium (Holocene) |
| Qa | Very young alluvium (Holocene) |
| Qac | Very young alluvium and colluvium (Holocene) |
| Qls | Landslide deposits (Holocene) |
| Qya | Young alluvium (Holocene and Pleistocene?) |
| Qyac | Young alluvium and colluvium (Holocene and Pleistocene?) |
| Qoa | Old alluvium (Pleistocene) |
| Qoac | Old alluvium and colluvium (Pleistocene) |
| Qols | Old landslide deposit (Pleistocene?) |
| QTm | Morales Formation (Pleistocene and Pliocene) |
| Tqs | Quatal Formation, sandstone facies (Pliocene) |
| Tqcl | Quatal Formation, clay-rich facies (Pliocene) |
| Tqgr | Quatal Formation, granitic breccia facies (Pliocene) |
| Tqx | Quatal Formation, sedimentary breccia facies (Pliocene) |
| Tqc | Quatal Formation, conglomerate facies (Pliocene) |
| Tqg | Quatal Formation, gypsum (Pliocene) |
| Tqw | Quatal Formation, gypsum (Pliocene) |
| Tlc | Lockwood Clay (Pliocene?) |
| Tca | Caliente Formation, arkosic-lithic sandstone facies (Miocene) |
| Tc? | Caliente Formation, uncertain (Miocene) |
| Tcc | Caliente Formation, conglomerate facies (Miocene) |
| Tcgr | Caliente Formation, granitic breccia facies (Miocene) |
| Tsmg | Santa Margarita Formation, gypsum (Miocene) |
| Tsms | Santa Margarita Formation, gypsum (Miocene) |
| Tm | Monterey Formation (Miocene) |
| Tms | Monterey Formation, sandstone (Miocene) |
| Trd | Rhyolitic intrusions (Oligocene) |
| Ts | Sespe Formation (Eocene) |
| Tcw? | Coldwater Sandstone, uncertain (Eocene) |
| Tcd | Cozy Dell Shale (Eocene) |
| Tcds | Cozy Dell Shale, sandstone (Eocene) |
| Tmam | Matilija Sandstone, interbedded sandstone and shale facies (Eocene) |
| Tma | Matilija Sandstone (Eocene) |
| Tjs | Juncal Formation, sandstone facies (Eocene) |
| Tjm | Juncal Formation, interbedded sandstone, siltstone, and shale facies (Eocene) |

Tjsh Juncal Formation, siltstone and shale facies (Eocene)

Contact - long dashed where approximately located; short dashed where inferred

Fault - long dashed where approximately located; short dashed where inferred;
dotted where concealed; ball and bar on apparent downthrown side;
pair of opposing arrows show sense of strike-slip component of movement;
tic shows direction and amount of dip;
diamond-headed arrow shows trend and rake value of slickenside striae

Thrust fault - dashed where approximately located; dotted where concealed;
sawteeth on upthrown block

Reverse fault - dashed where approximately located; dotted where concealed;
boxes on upthrown block; tic shows direction and amount of dip;
diamond-headed arrow shows trend and rake value of slickenside striae

Fold axial traces - dashed where approximately located or inferred;
dotted where concealed; solid arrows show direction of plunge of fold axes

Anticline
Upright

Overtured
Syncline
Upright
Overtured

Marker beds
Tuff within map unit Tca
Sandstone

Landslide headwall scarp - hachures on slide block
Fluvial terrace scarp in map units Qoa and Qac
Man-made levee

Strike and dip of beds
Approximate
Overtured
Horizontal
Inclined
Strike and dip of beds calculated from bedding trace