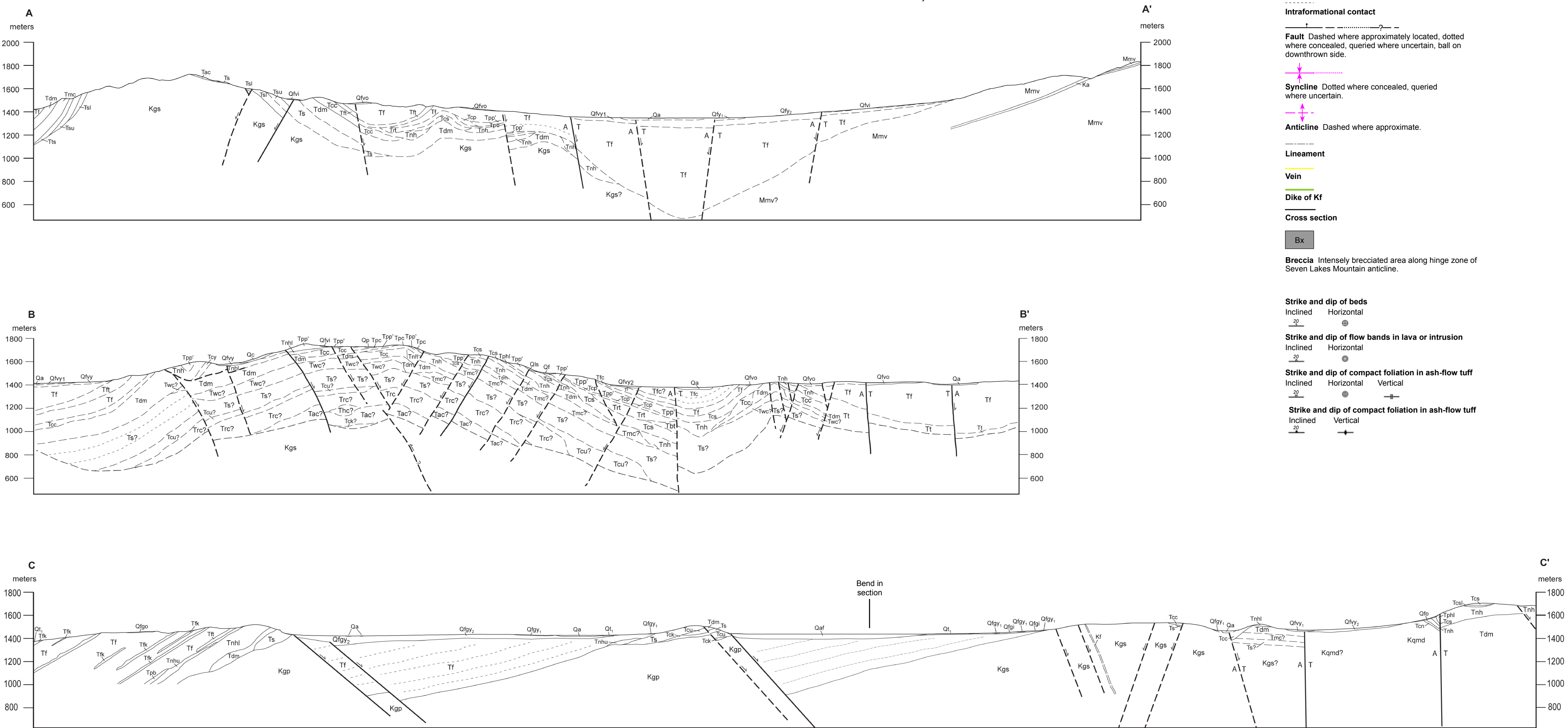
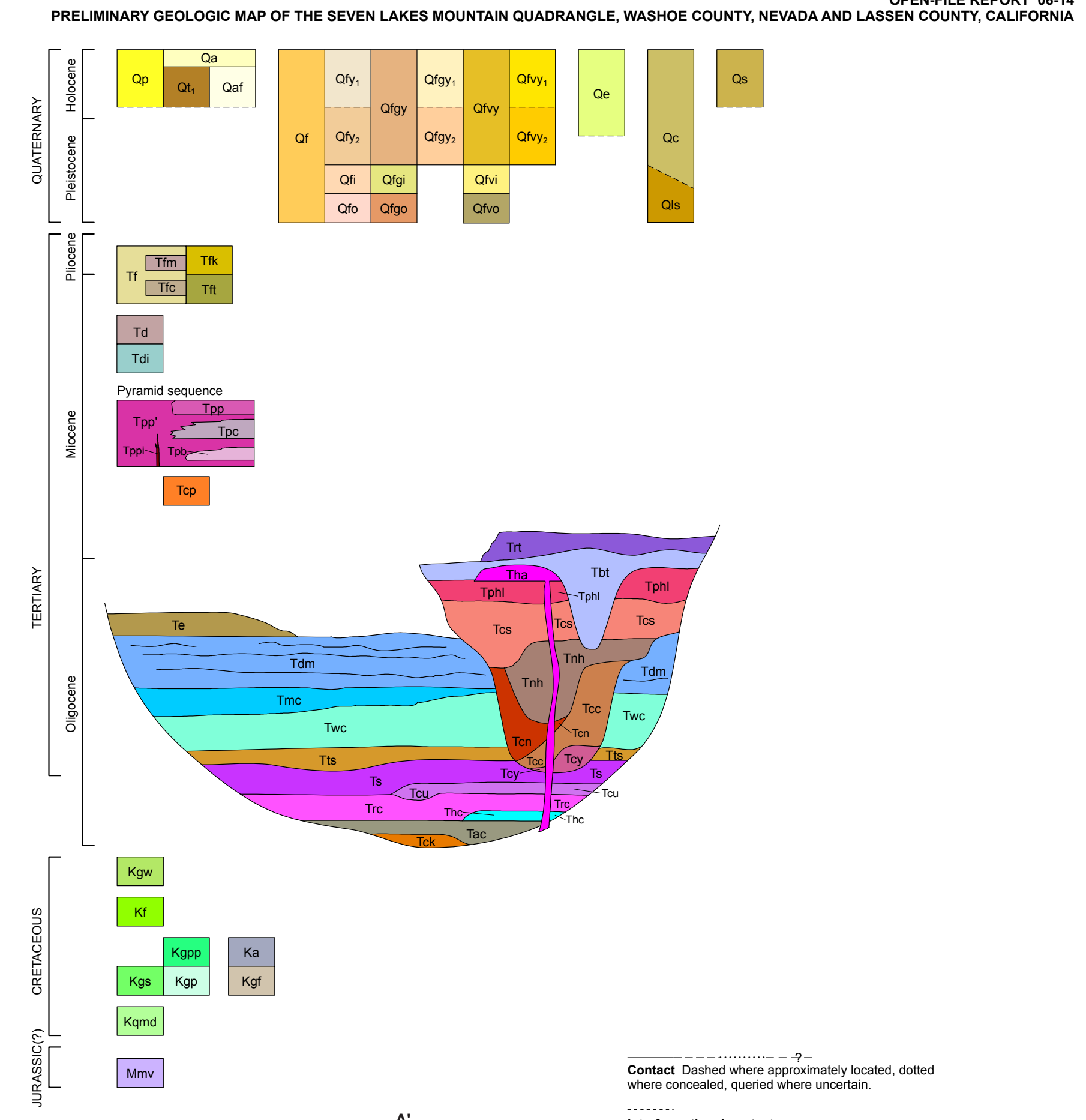


- Qa Active alluvium
- Qaf Fine-grained alluvium
- Qat Alluvial terrace deposits
- Qp Ponded alluvium
- Qs Spring deposits
- Qe Eolian deposits
- Qf Alluvial fan deposits (undifferentiated), Basal-dominated fan deposits
- Qfy Qfyv Alluvial fan deposits (late Holocene to late Pleistocene)
- Qhy Qhyv Alluvial fan deposits (late to middle Holocene)
- Qly Qlyv Alluvial fan deposits (early Holocene to late Pleistocene)
- Qm Intermediate-age fan deposits (late to middle Pleistocene)
- Qo Older fan deposits (middle to early Pleistocene)
- Cd Colluvial deposits
- Qs Landslide deposits
- Tt Pliocene to late Miocene sedimentary deposits
- Tlc Conglomerate
- Tlm Conglomerate of metavolcanic rocks
- Tlk Boulder beds of Cretaceous granodiorite
- Tlt Boulder beds of Tertiary ash-flow tuff
- Tld Dacite lava
- Tdi Dacite dikes
- Tfc Finely porphyritic basaltic andesite intrusion
- Tpl Finely porphyritic basaltic andesite lava
- Tpp Porphyritic basaltic andesite lava
- Tpc Conglomerate, sandstone, and breccia
- Tpb Basaltic lava
- Tps Pre-Pyramid sequence conglomerate
- Tpt Rhyolite-dacite ash-flow tuff
- Ttb Tuff breccia
- Tth Hombiende andesite dike and lavas(?)
- Tth Tuff of Painted Hills
- Tcs Tuff of Chimney Spring
- Tcl Lower part
- Tnh Nine Hill Tuff
- Tnh Upper part
- Tnh Lower part
- Tcc Conglomerate below Nine Hill Tuff
- Tcc Tuff of Campbell Creek
- Tcc Conglomerate below tuff of Campbell Creek
- Tta Tuff E
- Tdm Tuff of Dogskin Mountain
- Tmc Tuff of Mine Canyon
- Ttw Tuff of Cove Spring
- Tws Conglomerate and tuffaceous sedimentary rock
- Twm Tuff of Western Mine
- Tst Tuff of Sutcliffe
- Ttu Upper unit
- Ttl Lower unit
- Tsc Sedimentary rocks below tuff of Sutcliffe
- Ttr Tuff of Rattlesnake Canyon
- Tthc Tuff of Handsrabble Canyon
- Ttac Tuff of Anehandle Canyon
- Ttk Basal Tertiary conglomerate
- Tkw Weathered Cretaceous granitic rocks
- Tkh Aplite to pegmatite dikes and irregular intrusions
- Tks Granodiorite of the Sand Hills
- Tkp Quartz-pegmatite of Petersen Mountain
- Tkg Granodiorite of Petersen Mountain
- Tka Aplite dikes of the Fort Sage Mountains
- Tkgf Granodiorite of the Fort Sage Mountains
- Tkm Mafic granodiorite of the Fort Sage Mountains
- Tkd Quartz monzonite of Dogskin Mountain
- Tmv Mesozoic (Jurassic?) metavolcanic and metasedimentary rocks

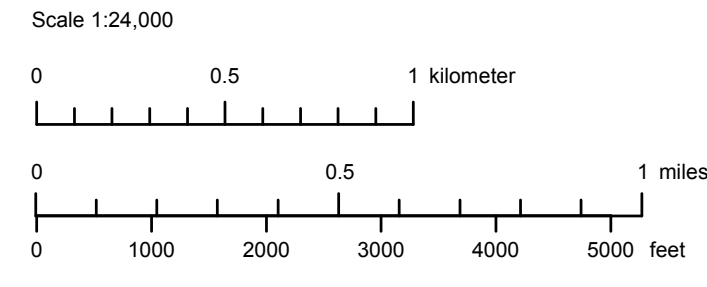


- Contact Dashed where approximately located, dotted where concealed, queried where uncertain.
- Informational contact
- Fault Dashed where approximately located, dotted where concealed, queried where uncertain, ball on downthrown side.
- Syncline Dotted where concealed, queried where uncertain.
- Anticline Dashed where approximate.
- Lineament
- Vein
- Dike of Kf
- Cross section
- Breccia Intensely brecciated area along hinge zone of Seven Lakes Mountain anticline.
- Strike and dip of beds  
Inclined Horizontal
- Strike and dip of flow bands in lava or intrusion  
Inclined Horizontal
- Strike and dip of compact foliation in ash-flow tuff  
Inclined Horizontal Vertical
- Strike and dip of compact foliation in ash-flow tuff  
Inclined Vertical

**PRELIMINARY GEOLOGIC MAP OF THE SEVEN LAKES MOUNTAIN QUADRANGLE, WASHOE COUNTY, NEVADA AND LASSEN COUNTY, CALIFORNIA**  
 Christopher D. Henry, Alan R. Ramelli, and James E. Faulds  
 2006

Adjacent 7 1/2' quadrangle names

1	2	3
4	5	6
7	8	9



Base map: U.S. Geological Survey, Dogskin Mountain, NV, CA 7.5' x 15' Quadrangle, 1979  
 CONTOUR INTERVAL: 10 METERS  
 Supplementary contour interval 5 meters  
 and U.S. Geological Survey, Constantia, CA 7.5' Quadrangle, 1984  
 CONTOUR INTERVAL: 40 FEET  
 Supplementary contour interval 20 feet  
 Projection: Universal Transverse Mercator, zone 11  
 1983 North American Datum

File work 2004-2006  
 Software prepared and supported by the U.S. Geological Survey  
 STATEMAP Program (Agreement Nos. 04-HQ-AG-0532  
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