73-57 EAGLE REST PEAK

OPEN FILE MAP

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

Qg | Qa
Surficial deposits
Qg, gravel and sand of stream channel
Qa, alluvium

Qls
Landslide debris

Qoa
Older alluvium

Qog | Qfg
Fan gravel
(equiv. to part of Tulare Fm.)
Qog, heterogeneous detritus
Qfg, basement detritus
UNCONFORMITY

QTt
Tulare Formation
(terrest. gravel, sand & clay)

Tuc | Tun | Tus
Terrestrial sediments
(pebble gravel, sand & clay)
Tuc, mostly clay (equiv. in part to San Joaquin Clay)
Tun, mostly pebble gravel & sand
Tus, same as Tun but includes some marine strata

Te
Etchegoin Formation
(marine sand)
UNCONFORMITY

* Tmg | Tm
Monterey Shale
(marine siliceous shale)
Tmg, Gould Shale Member
Tm, black shale

* Tt | Tts
Temblor Formation
(marine sandst, siltst. & clay shale)
Tt, mostly clay shale and siltstone
Tts, mostly sandstone

* Tvb | Tvd
Volcanic rocks
(intrusive & extrusive)
Tvb, basalt
Tvd, dacite or andesite
LOCAL UNCONFORMITY

* Ttc | Ttg
Tecuya Formation
(terrestrial strata in Temblor and Pleito Formations)
Ttc, red sandst. and clay
Ttg, conglomerates

* Tpl | Tps
Pleito Formation
(marine sandst. siltst. & clay shale)
Tpl, mostly siltst. and clay shale
Tps, mostly sandst, locally pebbly
LOCAL UNCONFORMITY

* Tse | Tss | Tqd
San Emigdio Formation
(marine sandst, siltst. and clayshale)
Tse, mostly siltst. and clay shale
Tss, mostly sandstone
Tqd, quartz diorite breccia
LOCAL UNCONFORMITY

† Ttm | Ttl | Ttu
Tejon Formation
(marine sandst., shale and conglom.)
Ttm, Metralla Sandst. Member (mostly thin-bedded fine grained sandstone)
Ttl, Liveoak Shale Member (mostly micaceous shale)
Ttu, Uvas Conglomerate Member (sandstone and conglomerate)
UNCONFORMITY

qm | qd | mig
Granitic rocks
qm, quartz monzonite
qd, quartz diorite
gr-qd, quartz monz.-quartz dior. migmatite

‡ hd
Hornblende diorite

‡ gb
Hornblende pyroxene gabbro

ms | m | mq
Metasedimentary rocks
ms, schist
mq, quartzite
m, marble

* See Nilsen et al, 1973, for description and age of this unit
† See Nilsen, 1973, for description and age of this unit
‡ See Ross, 1970, for description of this unit

Holocene
Pleistocene
QUATERNARY
Pliocene
Miocene
TERTIARY
Oligocene
Eocene
MESOZOIC
MESO. OR OLDER

Contact
dashed where gradational or approximately located

Fault
dashed where uncertain
dotted where concealed
U-upthrown side
D-downthrown side, relatively; arrow indicates observed dip of fault plane

anticline syncline
Axis of fold
(showing position at surface and direction of plunge)

30 vertical 70
inclined overturned
Strike and dip of bedding
(in degrees from horizontal)

Strike and dip of foliation

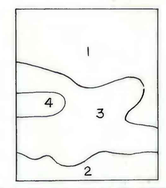
mollusks foraminifera
Fossil locality

Oil well

Abandoned test hole drilled for oil or gas
(with total depth in feet)

Downslope direction of movement of landslide debris

Sandstone bed



INDEX TO SOURCE OF GEOLOGY
1. Dibblee, 1961, modified
2. Dibblee, T. W. Jr. fieldwork, 1972
3. Dibblee, T. W. Jr. and Nilsen, T.H., fieldwork, 1971–72
4. data from Ross, 1970

References:
Dibblee, T. W. Jr, 1961 Geologic map of San Emigdio Mtns, 1961 AAPG-SEPM-SJGS guidebook
Ross, D.C., 1970, Quartz-gabbro and anorthositic gabbros along San Andreas fault, Calif. Coast Ranges GSA Bull. v.81, p.3047–62
Nilsen, T.H., Dibblee, T.W. Jr., Addicott, W.O., 1973, Lower and middle Tertiary stratigraphic units of the San Emigdio and western Tehachapi Mtns, Calif.: USGS Bull. 1372-H
Nilsen, T.H., 1973, Facies relations in the Eocene Tejon Formation of the San Emigdio and western Tehachapi Mtns. Calif., in Sedimentary facies changes in Tertiary rocks-Calif. Transverse and southern Coast Ranges: 1973 AAPG-SEPM-SEG guidebook, field trip 2, p.7–23

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Topography from aerial photographs by stereophotogrammetric methods. Aerial photographs taken 1942

Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 5

Dashed land lines indicate approximate locations

No distinction is made between barns, dwellings, commercial and industrial buildings

1000-meter Universal Transverse Mercator grid ticks, zone 11, shown in blue

16°
TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1942

SCALE 1:24 000
1 ½ 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER
CONTOUR INTERVAL 50 FEET
DATUM IS MEAN SEA LEVEL

CALIF.
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Unimproved dirt

EAGLE REST PEAK, CALIF.
N3452.5—W11907.5/7.5
1942

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey standards and nomenclature.

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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

GEOLOGIC MAP OF THE EAGLE REST PEAK QUADRANGLE, CALIFORNIA

COMPILED BY T.W. DIBBLEE JR., 1973

5-July 1973 TWD