71-87

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

PRIEST VALLEY QUADRANGLE
CALIFORNIA
15 MINUTE SERIES (TOPOGRAPHIC)

SW OF SAN ANDREAS F.

- Qa — Alluvium
- Qls — Landslide rubble
- Qoa — Older alluvium
- UNCONFORMITY
- QTp — Paso Robles Fm.
- Tus | Tug — Unnamed fm. Tus, sandstone Tug, conglom.
- Tpo | Tps — Pancho Rico Fm. Tpo, diatomac. mudst. Tps, sandstone
- Tsm — Santa Margarita Fm. (white sandstone)
- Tm — Monterey Shale
- Tu — Unnamed sandstone and siltstone
- UNCONFORMITY
- gr — Granitic rocks
- m — Marble

Holocene / Pleistocene / Pliocene / Miocene — QUATERNARY / TERTIARY

PALEO- MESO- CENOZOIC

NE OF SAN ANDREAS FAULT

- Qa — Alluvium
- Qls — Landslide rubble
- Qoa — Older alluvium
- UNCONFORMITY
- QTh — Hans Grieve Fm. (terrestrial gravel and sand)
- Te | Teb — Etchegoin Fm. (mar.) Te, sandst. and siltst. Teb, blue sandstone
- Tr — Reef Ridge Mudst.
- Tm — Monterey Shale McLure Shale Member (silic. shale)
- Tt — Temblor Sandstone
- UNCONFORMITY
- Kp | Kps | Kpc — Panoche Formation Kp, shale Kps, sandstone Kpc, conglom.
- Kgf / Kgs — Gravelly Flat Fm (of Rose & Colburn, 1963) Kgf, shale Kgs, dark ss.
- sp — Serpentine
- f | fcg | fch | fg — Franciscan Rocks f, undiff. mixed rocks, mostly graywacke and shale; fcg, conglomerate; fch, chert; fg, greenstone

Holocene / Pleistocene / Pliocene / Miocene — QUATERNARY / TERTIARY

Upper / Lower — CRETACEOUS

JURASSIC OR CRETACEOUS

Contact
Dashed where gradational or approximately located

U / D — Fault
Dashed where doubtful
Dotted where concealed
U, Upthrown side
D, Downthrown side
Arrows indicate horizontal movement

Anticline — Syncline
Axis of fold showing direction of plunge

⊕ Horizontal
30 / 2 Inclined
× Vertical
70 Overturned
Strike and dip of strata

Abandoned well drilled for oil or gas

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by planetable surveys 1940–41
Culture revised from aerial photographs taken 1949–50
Field check 1956
Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 4
1000-meter Universal Transverse Mercator grid ticks, zone 10, shown in blue
Dashed land lines indicate approximate locations

APPROXIMATE MEAN DECLINATION, 1956

SCALE 1:62500

CONTOUR INTERVAL 50 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION
Medium-duty — Light-duty
Unimproved dirt
State Route

PRIEST VALLEY, CALIF.
N3600—W12030/15
1956

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Geology by T.W. Dibblee Jr. 1952, 65, 68, 69
SE¼ modified after E. Richardson, unpub., 1956
eastern part modified after Rose and Colburn (1963)

References:
Rose, R.L., and Colburn, I., 1963, Geologic map of eastern Priest Valley 15' quadrangle, Fresno County, Cal. Pacific section AAPG-SEPM Guidebook

Drafted by Gertrude J. Edmonston, 1971

GEOLOGIC MAP OF THE PRIEST VALLEY QUADRANGLE, CALIFORNIA

THIS MAP IS PRELIMINARY AND HAS NOT BEEN EDITED OR REVIEWED FOR CONFORMITY WITH U.S. GEOLOGICAL SURVEY STANDARDS