



- Qr**
Stream sand & gravel
- Qa**
Alluvium
- Qls**
Landslide debris
- Qoa**
Older alluvium
- UNCONFORMITY**
- Qip**
Paso Robles Form.
(valley sediments—
sand and silt)
- UNCONFORMITY**
- Tus**
Unnamed marine sandstone
- UNCONFORMITY**
- Tsm**
Santa Margarita Form.
(marine white sandst.)
- Tm**
Tml
Tls
Monterey Shale
(marine organic shale)
Tm, upper part; hard,
siliceous shale
(upper Miocene)
Tml, lower part; silic.
to punky shale & thin
carbonate strata
(middle Miocene)
Tls, basalt
Tls, basal limestone
- Tb**
Trh
Volcanic rocks
Tb, basalt
Trh, rhyolitic rock
- Tvt**
Tv
Vaqueros Formation
(marine sandstone)
Tvt, Tierra Redonda sand-
stone Member
Tv, sandst. and conglom.
- UNCONFORMITY**
- KTs**
Unnamed strata
(marine sandstone,
clay shale and minor
congl. Paleocene and
uppermost Cretaceous)
- Kss**
Unnamed strata
marine sandstone,
minor shale; Upper
Cretaceous
- Ksh**
Unnamed shale
(marine dark shale,
Upper? & Lower Cret.)
- sp**
Serpentine
- f**
Franciscan rocks
(mixed and sheared clay-
shale, graywacke, green-
stone, chert, jasper,
glauconite rocks)

Contact
Dashed where gradational
or approximately located

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°
Inclined
Vertical
70°
Overturned
Strike and dip of strata

Abandoned well
drilled for oil or gas

Map by the Army Map Service
Published for civil use by the Geological Survey
Control by USGS, USC&GS, and USGS
Topography by photogrammetric methods from aerial photographs
taken 1947. Field checked 1948. Revised from aerial
photographs taken 1960. Field checked 1961
Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 5
1000-meter Universal Transverse Mercator grid ticks,
zone 10, shown in blue
Where omitted land lines have not been established

References:
Durham, D. L., 1968, Geologic map of the Adelaida
quadrangle, San Luis Obispo County, California:
U.S. Geol. Surv. Bull. 1181-Q (north half of quadrangle);
Page, B. M., 1970, Sur-Nacimiento Fault Zone of California:
Continental margin tectonics: Geol. Soc. Amer. Bull. v. 81

COMPILED AND MAPPED BY T. W. DIBBLEE JR. 1971

GEOLOGIC MAP OF THE ADELAIDA QUADRANGLE, CALIFORNIA

Geology of NW, NE, & SE 1/4's by T. W. Dibblee Jr.
1929, 52, 63, 69. NE 1/4 in part modified after
DL Durham 1968. SW part and pre-Tertiary rocks
of NW and SE parts after L. Layton Stanton
Ph.D. thesis, 1931, Cal Tech. N. L. Taliaferro (unpub.)
and B. M. Page, 1970
Drafted by Kathleen Moore & Gertrude Edmonston

Adelaida, Calif.
N 45 30' W 120 45' E
1961
AM 1958 II—SERIES 7700

THIS MAP IS A REVISION OF THE
GEOLOGIC MAP OF THE ADELAIDA QUADRANGLE, CALIFORNIA
GEOLOGICAL SURVEY STANDARDS