

SYMBOLS

- Contact  
Shown dashed where gradational or approximately located, and between members of formations.
- Fault  
Shown dashed where inferred; dotted where concealed; U - Upright side, D - Downthrown side, arrow indicates dip of fault plane
- Anticline
- Syncline  
Axis of fold arrow on axis indicates direction of plunge
- strike and dip of bedding, numbers indicate amount of dip in degrees
- Direction of downward movement of landslides
- Sandstone bed
- Tar seep
- Oil well
- Abandoned test hole drilled for oil or gas

Pertinent references  
Merrill, W.R., 1954, Geology of the Suspe Creek-Pine Mountain area, Ventura County, Calif. Div. of Mines Bull. 170, Geology of Southern California: Map Sheet No. 3. Scale 1:125,000

Weber, F.H. and others, 1973, Geology and Mineral resources study of southern Ventura County, California: Calif. Div. of Mines and Geol. Spec. Rept. 14, pt. 3, geol. map. Scale 1:48,000

Schlueter, J.C., 1976, Geology along San Cayetano Fault, upper Ojai Valley to Timber Canyon, California: M.A. thesis, Ohio Univ., unpubl. Scale 1:12,000

AAPG, Pacific Section 1977 San Cayetano Fault. Field trip guidebook, June 3, 1977, subsurface geology and cross-sections, Scale 1:24,000



	Qg	Surficial sediments
	Qf	stream channel gravel
	Qa	alluvial fan gravel
	Qaa	valley alluvium
	Qls	Landslide debris
	Qoa	Older surficial sediments
	Qog	older alluvium
	Qob	boulder fan gravel
	Qoc	Unconformity
	Qvs	Valley sediments (Saugus Formation) alluvial gravel of sandstone and shale debris, sand and clay
	Qss	Unconformity
	Tp	Pico Formation marine siltstone, claystone and sandstone
	Tsq	Sisquoc Shale marine splintery fractured silty shale, minor semi-siliceous shale (Mohanian Delmontian age)
	Tm	Monterey Shale (Modelo Form) marine, shale
	Tml	Tm - upper part, platy-fractured brittle siliceous shale (Mohanian age)
	Tml	Tm - lower part, siliceous to soft, punky shale, thin carbonate strata; Luisian Relizian age
	Tr	Rincon Claystone marine clay shale; Saucian - upper Zemorrian age
	Tva	Vaqueros sandstone marine sandstone and siltstone; Zemorrian age
	Tsp	Sespe Formation nonmarine maroon-red claystone, sandstone and local conglomerate
	Tcw	Coldwater Sandstone marine sandstone, minor siltstone; rare nonmarine red clay in upper part; Tcw - silty shale
	Tcd	Cozy Dell Shale marine clay shale; few thin sandstone strata; (Narizian age)
	Tma	Matilija Sandstone marine; Ulatisian? age
	Tj	Juracal Formation marine, mid- and lower? Eocene
	Tjs	Tj - clay shale
	Tjs	Tjs - sandstone & shale

Base from U.S. Geological Survey, Ojai, 1967

Geology mapped by T.W. Dibblee, Jr., 1978-1980  
Drafted by E.J. Wiedmann, 1981

SCALE 1:24,000

CONTOUR INTERVAL 40 FEET  
DOTTED LINES REPRESENT 20-FOOT CONTOURS  
DATUM IS MEAN SEA LEVEL

GEOLOGIC MAP OF THE OJAI QUADRANGLE, CALIFORNIA

By Thomas W. Dibblee, Jr.  
1981

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