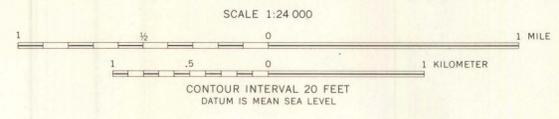


EXPLANATION	
Recent	Qal Alluvium Unconsolidated sand and gravel along streams
Pleistocene and Recent(?)	Qalo Older alluvium Semiconsolidated conglomerate, sandstone, and mudstone
	QTp Paso Robles Formation Chiefly conglomerate and sandstone; includes limestone; non-marine
Pliocene	Tp Pancho Rico Formation Sandstone, locally pebbly, fossiliferous; marine; occurs only northeast of Jolon fault
	Tsm Santa Margarita Formation Sandstone, fossiliferous; interbedded porcelaneous rocks near base; marine; occurs only southwest of Jolon fault
Miocene	Tm Monterey Shale Tmb, Butte Member; diatomite. Includes minor amounts of porcelanite, chert, and dolomitic carbonate rock; marine
	Tm Tm, porcelanite, mudstone, chert, dolomitic carbonate rock; local tuff beds and tar-impregnated sandstone beds; marine
	Tms Tms, Sandholt Member; chiefly calcareous shale. Includes porcelaneous rocks, chert, dolomitic carbonate rock, and sandstone; marine
	Tt Tierra Redonda Formation Sandstone and conglomerate; includes boulders of granitic rock; unfossiliferous; presumably marine
Upper Cretaceous and lower Tertiary	Tv Vaqueros Formation Sandstone, locally pebbly, and mudstone; abundant fossils; marine
	TKuf Unnamed formation Chiefly sandstone and conglomerate, includes some mudstone; fossils scarce; at least partly marine

Contact	Gradational or approximately located
Fault	Approximately located; queried where inferred
Thrust fault	Approximately located; queried where inferred; sawtooth on upper plate
Anticline	Showing crestline; approximately located
Syncline	Showing troughline; approximately located
Strike and dip of beds	
Strike and dip of overturned beds	
Strike of vertical beds	
Horizontal beds	
Fossil locality	X M1940 Numbered according to list of fossil localities in text
Exploratory well	Numbered according to table 7
Landslide	
Mine, quarry, or prospect pit	
Projected section lines; numbers of projected sections in parentheses	
Measured section 1	
Measured section	Numbered according to descriptions in text under "Measured Sections"

**GEOLOGIC MAP OF THE TIERRA REDONDA MOUNTAIN QUADRANGLE
MONTEREY AND SAN LUIS OBISPO COUNTIES, CALIFORNIA**



INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1955—557360
Geology mapped 1962-66 by David L. Durham, assisted in 1962 by David C. Wiese and in 1965 by Thomas L. Winder

Base by U.S. Geological Survey, 1949

