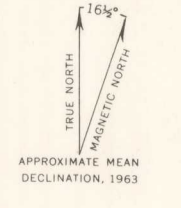
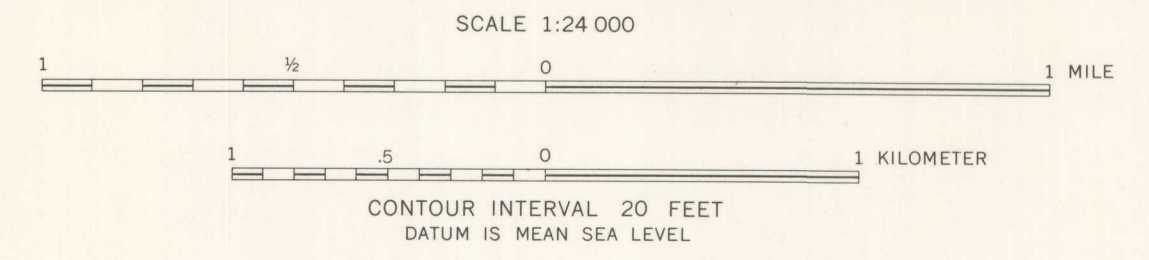


EXPLANATION

Recent		Alluvium Unconsolidated gravel, sand and silt along streams	QUATERNARY
		Older alluvium Semiconsolidated gravel, sand, and silt	
Pleistocene and Recent(?)		Paso Robles Formation Pebble conglomerate, sandstone, and mudstone; nearly all pebbles are of siliceous rocks common in the Monterey Shale; hard, siliceous conglomerate at the base in most places; nonmarine	TERTIARY AND QUATERNARY(?)
		Unnamed formation Fine-grained sandstone, coarse-grained and pebbly sandstone, mudstone, and claystone; marine fossils locally abundant	
Pliocene		Monterey Shale Mudstone, porcellaneous mudstone, shale, carbonate beds, and carbonate concretions; marine; present west of Salinas River only	TERTIARY
		Basement complex Biotite schist	
Miocene		Contact Dashed where gradational or approximately located	PRE-TERTIARY
		Anticline Showing approximate trace of axial plane	
		Syncline Showing approximate trace of axial plane	
		Strike and dip of beds	
		Approximate direction of dip of poorly exposed beds	
		Fossil locality Numbered according to list of fossil localities in text	
		Measured section Numbered according to descriptions in text under "Measured sections"	
		Oil and gas wells 31' ? 22	
		Dry hole	
		Producing well Numbered as in table 2	
		Projected section lines, dotted; numbers of projected sections in parenthesis	

GEOLOGIC MAP OF THE SAN LUCAS QUADRANGLE, MONTEREY COUNTY, CALIFORNIA



Base by Army Map Service

Geology mapped in 1959