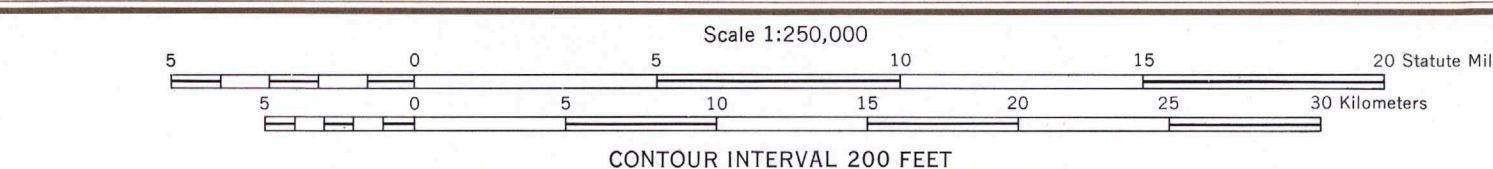
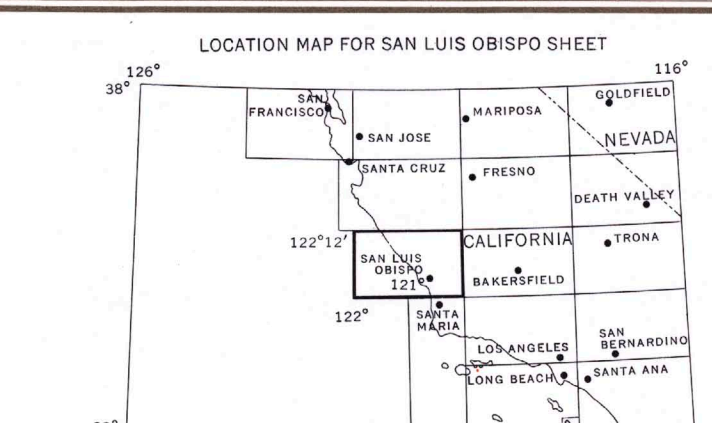
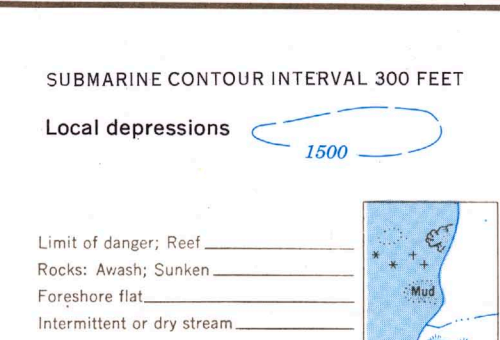




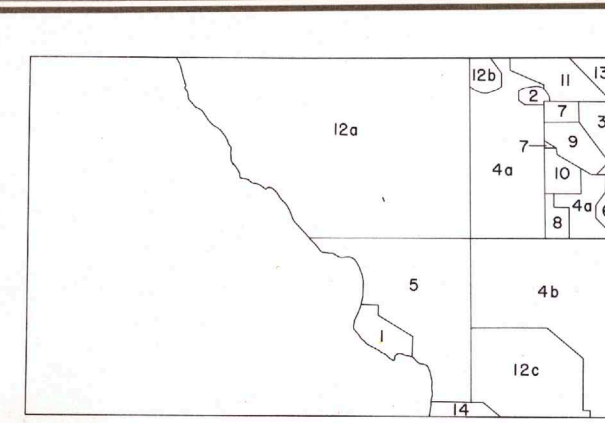
Geologic Period	Unit	Description	Volcanic Rock Types
QUATERNARY	Qd	Dune sand	
	Qal	Alluvium	
	Qsc	Stream channel deposits	
	Qf	Fan deposits	
	Qb	Basin deposits	
	Qst	Salt deposits	
	Ql	Quaternary lake deposits	
	Qg	Glacial deposits	
	Qt	Quaternary nonmarine terrace deposits	
	Qm	Pleistocene marine and marine terrace deposits	Recent volcanic: Qv^1 - rhyolite; Qv^2 - andesite; Qv^3 - basalt; Qv^4 - pyroclastic rocks
CENOZOIC	Qm	Pleistocene nonmarine	
	Qp	Plio-Pleistocene nonmarine	
	Qc	Undivided Pliocene nonmarine	
	Qn	Upper Pliocene nonmarine	
	Qm	Upper Pliocene marine	
	Qm	Middle and/or lower Pliocene nonmarine	
	Qm	Middle and/or lower Pliocene marine	
	Qm	Undivided Miocene nonmarine	
	Qm	Upper Miocene nonmarine	
	Qm	Upper Miocene marine	Miocene volcanic: Qm^1 - rhyolite; Qm^2 - andesite; Qm^3 - basalt; Qm^4 - pyroclastic rocks
TERTIARY	Qm	Middle Miocene nonmarine	
	Qm	Middle Miocene marine	
	Qm	Lower Miocene marine	
	Qo	Oligocene nonmarine	
	Qo	Oligocene marine	Oligocene volcanic: Qo^1 - rhyolite; Qo^2 - andesite; Qo^3 - basalt; Qo^4 - pyroclastic rocks
	Qe	Eocene nonmarine	
	Qe	Eocene marine	Eocene volcanic: Qe^1 - rhyolite; Qe^2 - andesite; Qe^3 - basalt; Qe^4 - pyroclastic rocks
	Qp	Paleocene nonmarine	
	Qp	Paleocene marine	
	Qc	Cenozoic nonmarine	Cenozoic volcanic: Qc^1 - rhyolite; Qc^2 - andesite; Qc^3 - basalt; Qc^4 - pyroclastic rocks
MESOZOIC	Qc	Tertiary nonmarine	
	Qc	Tertiary lake deposits	
	Qc	Tertiary marine	
	Qc	Undivided Cretaceous marine	
	Qc	Upper Cretaceous marine	
	Qc	Lower Cretaceous marine	
	Qc	Knoxville Formation	Franciscan Formation
	Qc	Upper Jurassic marine	Mesozoic granitic rocks: Qc^1 - granite and adamellite; Qc^2 - granodiorite; Qc^3 - tonalite and diorite
	Qc	Middle and/or Lower Jurassic marine	Mesozoic basic intrusive rocks
	Qc	Triassic marine	Mesozoic ultrabasic intrusive rocks
PALEOZOIC	Qc	Pre-Cretaceous metamorphic rocks (s = limestone or dolomite)	Pre-Cretaceous metavolcanic rocks
	Qc	Pre-Cretaceous metasedimentary rocks	Pre-Cretaceous granitic and metamorphic rocks
	Qc	Paleozoic marine (s = limestone or dolomite)	Paleozoic metamorphic rocks
	Qc	Permian marine	Permian metavolcanic rocks
	Qc	Undivided Carboniferous marine	Carboniferous metavolcanic rocks
	Qc	Pennsylvanian marine	
	Qc	Mississippian marine	
	Qc	Devonian marine	Devonian metavolcanic rocks
	Qc	Silurian marine	Devonian and pre-Devonian? metavolcanic rocks
	Qc	Pre-Silurian meta-sedimentary rocks	Pre-Silurian metamorphic rocks
PRECAMBRIAN	Qc	Ordovician marine	Pre-Silurian metamorphic rocks
	Qc	Cambrian marine	Pre-Silurian metamorphic rocks
	Qc	Cambrian - Precambrian marine	Precambrian igneous and metamorphic rock complex
	Qc	Undivided Precambrian metamorphic rocks	Undivided Precambrian granitic rocks
	Qc	Later Precambrian sedimentary and metamorphic rocks	
	Qc	Earlier Precambrian metamorphic rocks	

TOPOGRAPHIC BASE MAP
Prepared by the U. S. Army Map Service (GUSM), Corps of Engineers, Washington, D. C. Compiled in 1959 from: United States Quadrangles, 1:24,000, U. S. Geological Survey, Kettleman Plain and Reef Ridge, 1950; California, 1:25,000, Army Map Service, 1947-53; California, 1:50,000, Army Map Service, 1948-52; United States Quadrangles 1:62,500, U. S. Geological Survey and Corps of Engineers, 1922-47; USGS Chart 5302, 1941. Planimetric detail revised by photogrammetric methods. Control by USGS and CE. Map field checked, 1956.
Land not prepared by U.S. Geological Survey, 1957
Submarine contours adapted from Shepard and Emery Special Paper No. 31 Geol. Soc. America



CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS
GEOLOGIC MAP OF CALIFORNIA
OLAF P. JENKINS EDITION
SAN LUIS OBISPO SHEET
COMPILATION BY CHARLES W. JENNINGS 1958
SECOND PRINTING, 1967

Contact
(Dashed where approximately located, gradational or inferred)
Fault
(Dashed where approximately located)



- INDEX TO GEOLOGIC MAPPING
(COMPLETE INDEX ON EXPLANATORY DATA SHEET)
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 - Brooks, T. J., 1935
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- *Modified by T. W. Dibblee, Jr.

HEAVY BORDER ON BOXES INDICATES UNITS THAT APPEAR ON THIS SHEET