



SEDIMENTARY AND METASEDIMENTARY ROCKS		IGNEOUS AND META-IGNEOUS ROCKS	
Quaternary	Recent	Quaternary	Recent
Quaternary	Pleistocene	Quaternary	Pleistocene
Quaternary	Pliocene	Quaternary	Pliocene
Quaternary	Miocene	Quaternary	Miocene
Quaternary	Oligocene	Quaternary	Oligocene
Quaternary	Eocene	Quaternary	Eocene
Quaternary	Paleocene	Quaternary	Paleocene
Quaternary	Unidentified	Quaternary	Unidentified
Mesozoic	Cretaceous	Mesozoic	Cretaceous
Mesozoic	Jurassic	Mesozoic	Jurassic
Mesozoic	Triassic	Mesozoic	Triassic
Mesozoic	Pre-Cretaceous	Mesozoic	Pre-Cretaceous
Unidentified	Unidentified	Unidentified	Unidentified
Paleozoic	Permian	Paleozoic	Permian
Paleozoic	Carboniferous	Paleozoic	Carboniferous
Paleozoic	Devonian	Paleozoic	Devonian
Paleozoic	Silurian	Paleozoic	Silurian
Paleozoic	Ordovician	Paleozoic	Ordovician
Paleozoic	Cambrian	Paleozoic	Cambrian
Paleozoic	Unidentified	Paleozoic	Unidentified
Precambrian	Unidentified	Precambrian	Unidentified

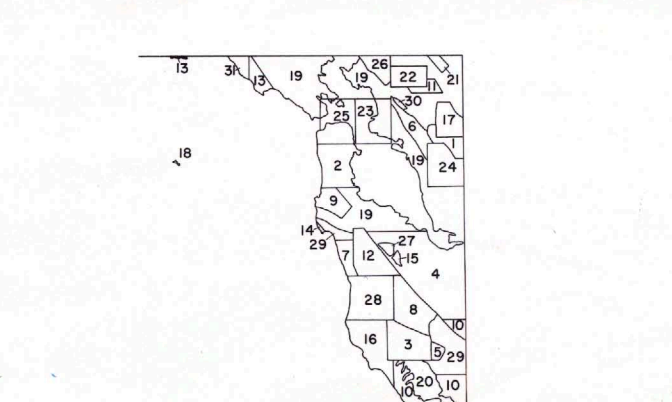
TOPOGRAPHIC BASE MAP
Prepared by the Army Map Service (GUSM), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1956 from United States Quadrangles, 1:24,000, U. S. Geological Survey, 1947-50; California, 1:25,000, Army Map Service, Sheets 1959 W SE and 1959 W SW, 1951; California, 1:50,000, Army Map Service, 1946-51; USCGS Charts 5402, 1941; 5502, 1947; 5531, 1953; 5532, 1947; 5520, 1935; 5531, 1950; and 5559, 1941. Planimetric detail revised by photoplanimetric methods. Horizontal and vertical control by USGS and CE. Map field checks, 1956.

SUBMARINE CONTOUR INTERVAL 300 FEET
Local depressions 1500
Limit of danger: Reef
Rocks: Awash; Sunken
Foreshire flat
Intermittent or dry stream
Marsh or swamp



Scale 1:250,000
CONTOUR INTERVAL 200 FEET
TRANSVERSE MERCATOR PROJECTION
GEOLOGIC MAP OF CALIFORNIA
OLAF P. JENKINS EDITION
SAN FRANCISCO SHEET
COMPILATION BY CHARLES W. JENNINGS AND JOHN L. BURNETT 1961

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



INDEX TO GEOLOGIC MAPPING
(COMPLETE INDEX ON EXPLANATORY DATA SHEET)
1. Aeron, Bernard L., unpublished.
2. Bonilla, M. G., unpublished.
3. Brabb, Earl E., unpublished.
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5. Dibble, Thomas W., Jr., unpublished.
6. Clark, C. W., 1917.
7. Chappin, James S., unpublished.
8. Cummings, Jon C., unpublished.
9. Darlow, G. L., unpublished.
10. Dibble, Thomas W., Jr., unpublished.
11. Douvan, E. L., unpublished.
12. Esser, R. W., unpublished.
13. MacG, John E., unpublished.
14. Gilroy, Alan J., unpublished.
15. Graham, J. J., and Cassen, W. J., 1955.
16. Hall, C. A., Brooks, S. A., and Jones, D. L., unpublished.
17. Ham, C. K., 1952.
18. Hanna, G. Dana, 1951.
19. Hanna, G. D., and Chesterman, C. W., 1952.
20. Lawson, A. C., 1924.
21. Leo, G. W., unpublished.
22. Passer, M. H., Jr., unpublished.
23. Radbruch, O. H., 1957.
24. Robinson, G. D., 1956.
25. Robinson, J. R., unpublished.
26. Schuchert, R., unpublished.
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28. Tourne, R. H., unpublished.
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31. Weaver, C. E., 1949.

HEAVY BORDER ON BOXES INDICATES UNITS THAT APPEAR ON THIS SHEET