



**CALIFORNIA DEPARTMENT OF CONSERVATION
CALIFORNIA GEOLOGICAL SURVEY**

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Map Release
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**GEOLOGIC MAP OF THE OCEANSIDE 30' x 60'
QUADRANGLE, CALIFORNIA**

REGIONAL GEOLOGIC MAP SERIES, 1:100,000 SCALE, MAP NO. 2

Compiled by
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Digital Preparation by
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1. California Geological Survey
2. U.S. Geological Survey, U.C. Riverside

The Geologic Map of the Oceanside 30' x 60' Quadrangle, California is the second map in the California Geological Survey's 1:100,000 scale Regional Geologic Map Series. It depicts both the onshore and offshore geology of coastal southern California between latitudes 33° 00' and 33° 30' north and 117° 00' and 118° 00' west longitude. The onshore part of the map was compiled and digitized from new 1:24,000-scale geologic mapping completed in each of the eighteen 7.5-minute quadrangles while the offshore was compiled from the published California Continental Margin Geologic Map Series. The geologic map is superimposed on a shaded-relief image, which depicts the offshore bathymetry as well as the topography onshore. A twenty-six page pamphlet, containing a geologic summary, description of map units, sources of mapping, and references is also included. Plate 2, included with the pamphlet, contains a correlation of map units and a diagram depicting the chronology of marine terraces and their deposits.

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GEOLOGIC MAP OF THE OCEANSIDE 30' × 60' QUADRANGLE, CALIFORNIA

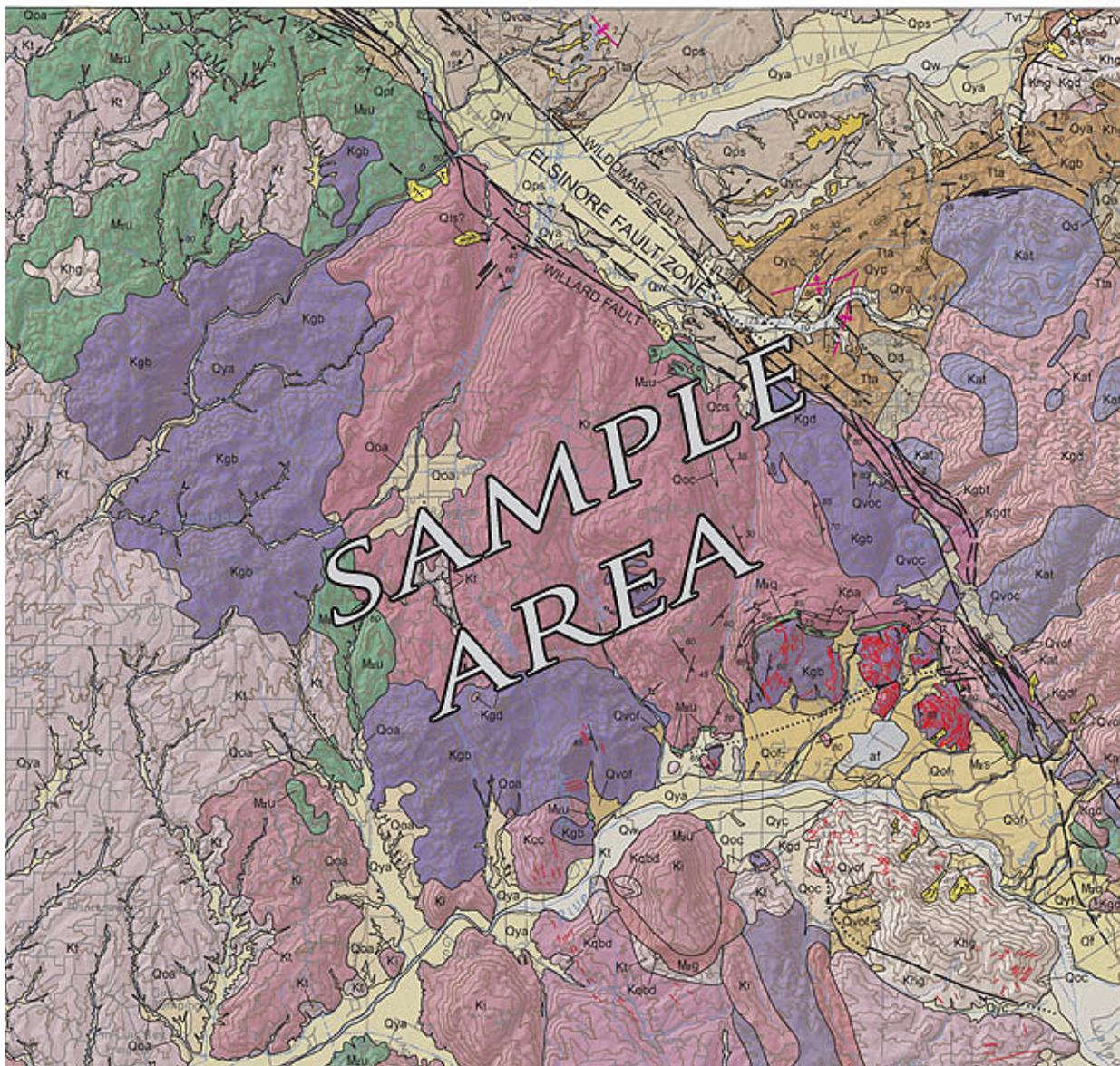
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117°00'
33°30'



ABBREVIATED EXPLANATION
Approximate stratigraphic relationships only;
see pamphlet and CMU (Plate 2) for more detailed information

MODERN SURFICIAL DEPOSITS

Holocene	af	Artificial fill (late Holocene)
	Qw	Wash deposits (late Holocene)
	Qf	Alluvial fan deposits (late Holocene)
	Qa	Alluvial flood-plain deposits (late Holocene)
	Qls	Landslide deposits, undivided (Holocene and Pleistocene)
	Qmb	Marine beach deposits (late Holocene)
	Qpe	Paralic estuarine deposits (late Holocene)
	Qmo	Undivided marine deposits in offshore region (late Holocene)
	Qfo	Marine fan deposits (late Holocene)

YOUNG SURFICIAL DEPOSITS

	Qyf	Young alluvial fan deposits (Holocene and late Pleistocene)
	Qya	Young alluvial flood-plain deposits (Holocene and late Pleistocene)
	Qyc	Young colluvial deposits (Holocene and late Pleistocene)
	Qyv	Young alluvial valley deposits (Holocene and late Pleistocene)

OLD SURFICIAL DEPOSITS

	Qof	Old alluvial fan deposits, undivided (late to middle Pleistocene)
	Qof ₂	Unit 2
	Qof ₁	Unit 1
	Qoa	Old alluvial flood-plain deposits, undivided (late to middle Pleistocene)
	Qoa ₇	Unit 7
	Qoa ₆	Unit 6