

EXPLANATION

Correlation of map units

Qa	Qts	} QUATERNARY	} CENOZOIC
Tv	Ts		
Td	F	} TERTIARY	} MESOZOIC
um	bc		
		} MESOZOIC and PALEOZOIC	

Description of map units

Qa Alluvial and lacustrine sediments

Qts Alluvial deposits, sedimentary rocks, and minor volcanic rocks, undivided—used on structure sections only and consists of units Qs and Ts. Dashed line shows the approximate boundary between the Paleogene and Neogene

Tv Volcanic rocks

Ts Sedimentary rocks—Marine and nonmarine rocks. Dashed line shows the approximate boundary between the Paleogene and Neogene

Td_{mv} Great Valley sequence—Marine sedimentary rocks

F Franciscan Complex—Melanges of sedimentary rocks, serpentinite, and blueschist in a sheared matrix, and coherent sedimentary rocks

um Ultramafic rocks

bc Crystalline rocks of the basement complex

Map symbols

Contact

Fault—dotted where concealed, queried where uncertain. Bar and ball on down-thrown side (normal faults), R on up-thrown side (reverse faults), barbs on upper plate (thrust faults), arrows show relative movement (strike-slip faults)

Anticline—dotted where concealed

Syncline—dotted where concealed

Approximate axis of valley trough

Boundary of structural region

Approximate area of structural arches

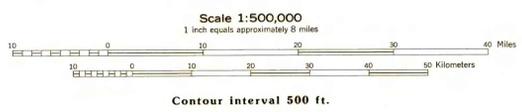
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Location of stratigraphic column—numbers refer to column number on figure.3

A—A'

Locations of cross sections that are given on plate 2.

Base from U.S. Geological Survey
1:500,000 State of California, 1970



Geology compiled by J.A. Bartow from Los Angeles Department of Water and Power (1975, fig. 2-5, 1-104), Bartow (1976, fig. 3a), Bartow (1977), 10102a (1978), Bart (1979), Bart (1981, fig. 3), Bartow (1981), and Bartow (1985).

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GENERALIZED GEOLOGIC MAP OF THE SAN JOAQUIN VALLEY AREA, CALIFORNIA

by
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This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.