OPEN FILE REPORT

79-386

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

AUBURN QUADRANGLE
CALIFORNIA
15 MINUTE SERIES (TOPOGRAPHIC)

EXPLANATION

Qha	Alluvial deposits	Holocene	QUATERNARY
Qtl	Turlock Lake Formation	Pleistocene	
Tl	Laguna Formation	Pliocene	TERTIARY
Tm	Mehrten Formation	Miocene	
Ti	Ione Formation	Eocene	
pTu	Pre-Tertiary metamorphic and plutonic igneous rocks		PRE-TERTIARY

t — Tailings or artificial fill

Contact

U / D — Fault
Dashed where inferred; U, upthrown side; D, downthrown side

Note: Only faults known to offset Cenozoic units are shown; additional Cenozoic faults may be present in the vicinity of Auburn (Woodward-Clyde Consultants, 1977).

Base from USGS Auburn (1954) 15' quadrangle.

SCALE 1:62500

CONTOUR INTERVAL 80 FEET
DOTTED LINES REPRESENT 40-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

APPROXIMATE MEAN DECLINATION, 1954

QUADRANGLE LOCATION

SOURCES OF DATA

Cosby, S. W., Watson, E. B., and Harper, W. G., 1928, Soil survey of the Auburn area, California: U.S. Dept. Agriculture, Bur. Chem. and Soils, Ser. 1924, no. 15, 38 p., map scale 1:63,360.

Frei, L. R., Gilbert, J., Throner, R., and Ostenaa, D., 1977, Project geology report, Auburn Dam-Seismic evaluation of Auburn damsite: U.S. Department of the Interior, Bureau of Reclamation, 3 volumes.

Olmsted, F. H., 1971, Pre-Cenozoic geology of the south half of the Auburn 15-minute quadrangle, California: U.S. Geol. Survey Bull. 1341, 30 p., plate 1, scale 1:48,000.

Woodward-Clyde Consultants, 1977, Earthquake evaluation studies of the Auburn Dam area: Contract Number 6/07/05/72090, Auburn-Folsom South Unit, Central Valley Project, California, for the U.S. Bureau of Reclamation, 8 volumes.

PRELIMINARY GEOLOGIC MAP OF CENOZOIC DEPOSITS OF THE AUBURN QUADRANGLE, CALIFORNIA

compiled by

J.A. Bartow and E.J. Helley

1979

This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.