DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN-FILE REPORT
80-318

PLATE I

EXPLANATION

QUATERNARY	Qa	Alluvium
QUATERNARY – PLEISTOCENE	Qls	Landslides
QUATERNARY – PLEISTOCENE	Qoa	Older Alluvium
	UNCONFORMITY	
TERTIARY – MIOCENE – UPPER		MONTEREY FORMATION
	Tmh	Hames Member Lower part phosphatic
	Tms	Sandholdt Member Upper part phosphatic
TERTIARY – MIOCENE – MIDDLE	Tml	Laureles Sandstone Member
	UNCONFORMITY	
		CHAMISAL FORMATION
	Tct	Los Tularcitos Member
	Tcr	Robinson Canyon Member
	UNCONFORMITY	
CRETACEOUS	gdp	Granitic Rocks

Contact
Dashed where inferred, dotted where concealed

Anticline — Syncline
Axis of fold, showing direction of plunge

Fault
Dashed where inferred, dotted where concealed

Horizonal — Inclined — Vertical — Overturned
Strike and dip of strata

Direction of landslide movement

A — A′
Location of structure section

37 Qa
Water well showing total depth of well in m and type of basement rock

N — MN 16½°

Base by U.S. Geological Survey, 1:2400, Seaside, 1948.

Scale 1:6857

1000m 800m 600m 400m 200m 0 1Km

Geology by G. A. Younse, 1978.

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

GEOLOGIC MAP OF THE ROBINSON CANYON—LAURELES GRADE AREA, CALIFORNIA

By

G. A. YOUNSE

1979