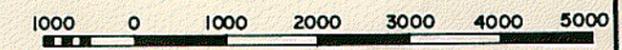


### EXPLANATION

- Qal** **RECENT ALLUVIUM.** Consists of river sand, gravel and silt; flood-plain deposits, and dredge tailings.
- Qoal** **OLDER ALLUVIUM.** Pleistocene river deposits of quartzose sand, gravel and silt. Unconsolidated to semi-indurated.
- Tm** **MEHRTEN FORMATION.** Mio-Pliocene fluvialite deposits of andesitic conglomerates, sandstones and siltstones and claystones (Tm) with interspersed volcanic mudflows of andesitic detritus (Tme)
- Tv** **VALLEY SPRINGS.** Miocene deposits of rhyolitic tuffs, tuffaceous siltstones, claystones and sandstones high in quartz. Occasional conglomerate beds of quartz and metamorphic rocks. Locally high in pumice.
- Geologic Contact
- - - Inferred Contact
- ..... Concealed Contact
- ↔ Geologic Cross-Section



1 IN. = 1,000 FEET

CONTOUR INTERVAL 10 FEET

DATUM IS MEAN SEA LEVEL  
2000 FOOT GRID IS BASED ON  
THE CALIFORNIA STATE PLANE COORDINATE SYSTEM  
(ZONE III)

NO.	DATE	REVISIONS	BY	CHK'D	APP'D	DATE

**BECHTEL CORPORATION**  
SAN FRANCISCO

EAST BAY MUNICIPAL UTILITY DISTRICT  
MOKELUMNE RIVER PROJECT

CAMANCHE DAM  
GEOLOGY  
**GEOLOGIC MAP**

E. B. M. U. D.		DESIGNED	ENGR. C. R. M.	ENGR.	ENGR.
APPROVED	DATE	DRAWN R. A. R.	JOB NO.	DRAWING NO.	REV.
		CHECKED D. B. C.	3444	4465 - G - 603	
		DATE 2-24-61			