

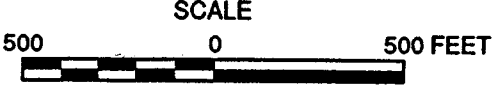
EXPLANATION

- Qal** **ALLUVIUM:** SILTY CLAY TO SANDY CLAY; CLAYEY SAND AND GRAVELLY SAND IN ACTIVE STREAM CHANNEL.
- Qlso (Psv)** **OLD LANDSLIDE DEPOSIT:** INTERPRETED FROM GEOMORPHIC EVIDENCE AND SUBSURFACE EXPLORATION DATA AT THE DAM SITE. LANDSLIDE FORMATION MATERIALS SHOWN IN PARENTHESES.
- Pp** **PETALUMA FORMATION:** PLIOCENE AGE; SHOWN WHERE NOTED IN EXPOSURES; INCLUDES CLAY-STONE (cs), SILICEOUS SILTSTONE (slts) AND SAND-STONE.
- Psv** **SONOMA VOLCANICS:** PLIOCENE AGE; SHOWN WHERE NOTED IN EXPOSURES; INCLUDES ANDESITE (an), AGGLOMERATE (ag), BASALT (bs), AND RHYOLITIC ASH FLOW TUFF (tf).
- APPROXIMATE GEOLOGIC CONTACT
- FAULT, DASHED WHERE UNCERTAIN, DOTTED WHERE CONCEALED.
- 42° STRIKE AND DIP OF BEDDING
- CS XXXX AN OBSERVED OUTCROP
- SPRING
- TOPOGRAPHIC SCARP
- TC-B9 ● EXPLORATION BORING
- TC-P19 □ TEST PIT
- TC-T1 --- EXPLORATION TRENCH
- TC-SL5 --- SEISMIC LINE
- A A' LOCATION OF GEOLOGIC SECTION

NOTES: GEOLOGIC FEATURES SHOWN INCLUDING OUTCROPS, SPRINGS AND SCARPS WERE NOTED DURING SITE RECONNAISSANCE MAPPING ON OCTOBER 12-13, 1994 AND OCTOBER 28-31, 1994.

- IMPERVIOUS BORROW AREA
- EARTH/ROCK BORROW AREA

NOTE: ONLY THE PRIMARY IMPERVIOUS BORROW SOURCE AREAS AND POTENTIAL EARTH/ROCK BORROW SOURCE AREA ARE SHOWN. SOURCES OF OTHER ON-SITE CONSTRUCTION MATERIALS WITHIN THE RESERVOIR AREA ARE NOT OUTLINED. REFER TO THE REPORT FOR EXPLANATION OF ALL BORROW SOURCES.



BASE FROM USGS 7.5 MINUTE PETALUMA RIVER AND SEAS POINT QUADRANGLE TOPOGRAPHIC MAPS, 1954, PHOTOREVISED 1986 AND 1951, PHOTOREVISED 1968, RESPECTIVELY.

RUST ENVIRONMENT & INFRASTRUCTURE
San Jose, California

SITE GEOLOGIC AND EXPLORATION MAP
TOLAY CREEK MAIN DAM SITE
SANTA ROSA SUBREGIONAL LONG TERM
WASTEWATER PROJECT

PROJECT NO.
88230
DATE
OCTOBER 1995
FIGURE NO.
4-12