



BASE FROM U.S.G.S 7.5 MINUTE GLEN ELLER QUADRANGLE
TOPOGRAPHIC MAP, 1954, PHOTOREVISED 1980.

Qal

RECENT ALLUVIUM: MIXED CLAY, SAND AND GRAVEL ALONG ACTIVE STREAM CHANNEL.

Qc

COLLUVIUM: CLAY; SANDY CLAY; CLAYEY SAND; OCCURS ON LOWER FLATTER HILLSIDE SLOPES; ATTAINS THICKNESS ON THE ORDER OF 15 TO 20 FEET; MAY BE ASSOCIATED WITH OLD LANDSLIDE DEPOSITS.

Qls1

LANDSLIDE DEPOSIT: CLAY AND SHEARED CLAYSTONE; INTERPRETED FROM EXPLORATION TEST PITS AND BORINGS ON EAST SIDE OF PROPOSED RESERVOIR.

Qc/Qls

COLLUVIUM/LANDSLIDE DEPOSITS: UNDIFFERENTIATED.

Pp

PETALUMA FORMATION: PLIOCENE AGE; MOSTLY NON-MARINE; COMPRISED OF MASSIVE CLAYSTONE (cs), SILTSTONE (slts), WITH INTERBEDDED SANDSTONE (ss) AND PEBBLY CONGLOMERATE/SANDSTONE (pcgs).

APPROXIMATE GEOLOGIC CONTACT

15°

STRIKE AND DIP OF BEDDING

CS x x x x

slts

OBSERVED OUTCROP

●

SPRING

⬮

LANDSLIDE

AD-B3 ●

EXPLORATION BORING

AD-P10 □

TEST PIT

NOTE: GEOLOGIC FEATURES SHOWN INCLUDING OUTCROPS, SPRINGS, AND LANDSLIDES WERE NOTED DURING SITE RECONNAISSANCE MAPPING ON SEPTEMBER 12-13, 1994.

IMPERVIOUS BORROW AREA

POTENTIAL ADDITIONAL SELECT FILL BORROW AREA (OUTSIDE RESERVOIR AREA - NOT ASSUMED FOR DESIGN)

NOTE: ONLY THE PRIMARY IMPERVIOUS BORROW SOURCE AREAS AND POTENTIAL ADDITIONAL SELECT FILL BORROW SOURCE AREA OUTSIDE THE RESERVOIR 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.

SCALE
500 0 500 FEET

RUST

ENVIRONMENT & INFRASTRUCTURE

San Jose, California

SITE GEOLOGIC AND EXPLORATION MAP

ADOBE ROAD RESERVOIR SITE

SANTA ROSA SUBREGIONAL LONG TERM WASTEWATER PROJECT

PROJECT NO.
88230

DATE
OCTOBER 1995

FIGURE NO.
4-8