



EXPLANATION

Qal/Qc ALLUVIUM/COLLUVIUM: PREDOMINANTLY SILTY CLAY TO SANDY CLAY; INTERBEDDED WITH CLAYEY SAND; THIN LENSES OF SILTY SAND AND GRAVELLY SAND WITHIN ALLUVIUM.

Qlso(Psv) OLD LANDSLIDE DEPOSIT: PROBABLE LANDSLIDE; FORMATION MATERIAL IN PARENTHESES.

Pp PETALUMA FORMATION: PIOCENE AGE; MOSTLY NON-MARINE; SHOWN WHERE NOTED IN EXPOSURES; COMPRISED OF MASSIVE CLAYSTONE (cs) WITH INTERBEDDED SANDSTONE (ss), SILTSTONE (slts) AND SOME LIMESTONE (lms).

Psv SONOMA VOLCANICS: PIOCENE AGE; SHOWN WHERE NOTED IN EXPOSURES; INCLUDES ANDESITE (an), AGGLOMERATE (ag), RHYOLITIC ASH FLOW TUFF (tf).

--- APPROXIMATE GEOLOGIC CONTACT

--- FAULT, DASHED WHERE UNCERTAIN

20° STRIKE AND DIP OF BEDDING

CS x x x x an OUTCROP LOCATION

• SPRING

(f) LANDSLIDE

SP-B3 • EXPLORATION BORING

SP-P8 □ TEST PIT

SP-SL2 — SEISMIC LINE

A A' LOCATION OF GEOLOGIC SECTION

NOTE: GEOLOGIC FEATURES SHOWN INCLUDING OUTCROPS, SPRINGS AND LANDSLIDES WERE NOTED DURING SITE RECONNAISSANCE MAPPING ON SEPTEMBER 14-15, 1994.

IMPERVIOUS BORROW AREA

NOTE: ONLY THE PRIMARY IMPERVIOUS BORROW SOURCE AREAS 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
SEARS POINT RESERVOIR SITE**

**SANTA ROSA SUBREGIONAL LONG TERM
WASTEWATER PROJECT**

PROJECT NO.
88230
DATE
OCTOBER 1995
FIGURE NO.
4-14