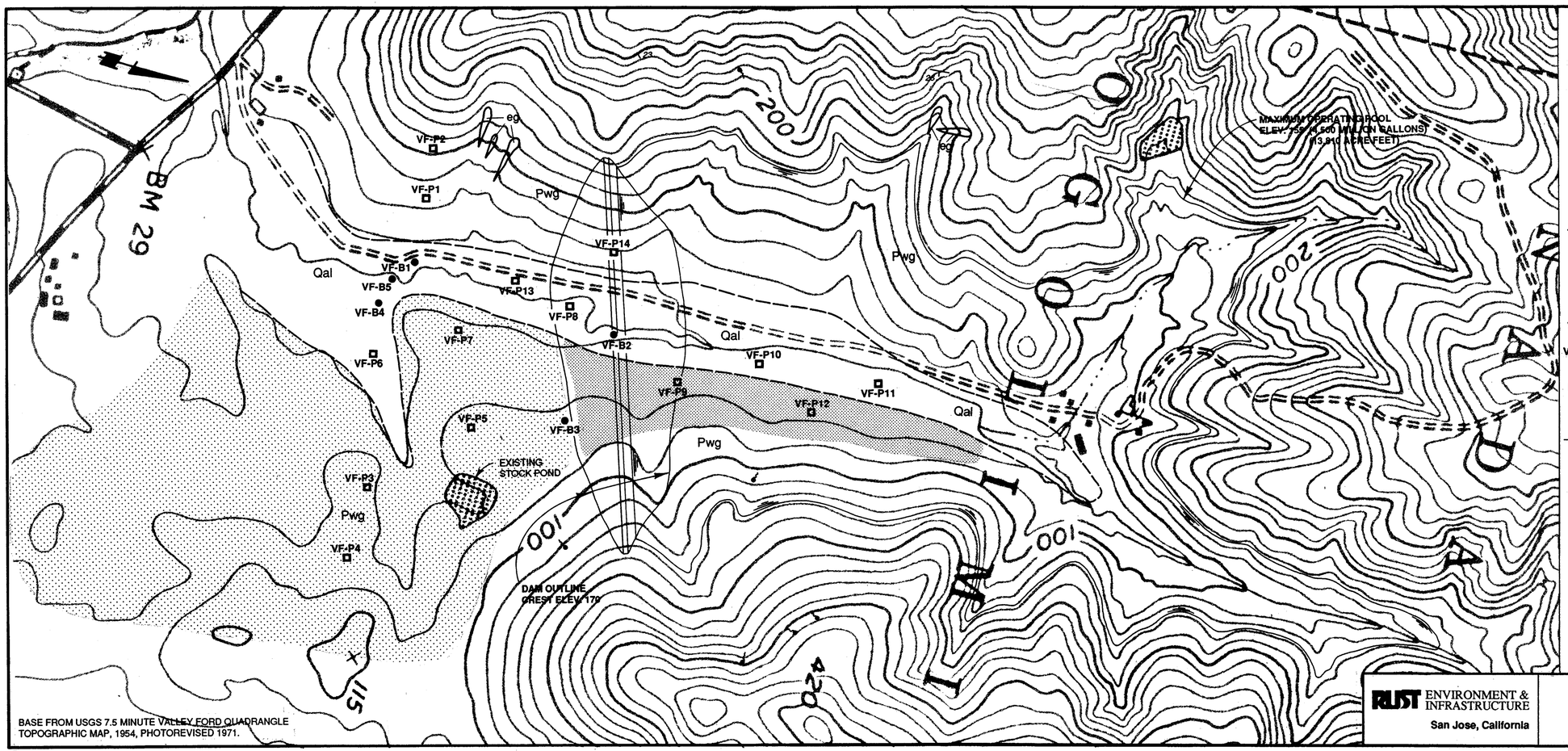

BASE FROM USGS 7.5 MINUTE VALLEY FORD QUADRANGLE TOPOGRAPHIC MAP, 1954, PHOTOREVISED 1971.

EXPLANATION

Qal — ALLUVIUM: CLAYEY SAND; SANDY CLAY; SILTY SAND; INTERLAYERED; LOCATED IN VALLEY FLOOR; MAXIMUM THICKNESS ON THE ORDER OF 16 FEET IN PROPOSED RESERVOIR AREA.

Pwg — WILSON GROVE FORMATION (FORMERLY MERCED FORMATION): RARE OUTCROPS; SANDY SILTSTONE/ SILTSTONE; MASSIVE; BEDDING NOT DISCERNABLE; GENERALLY SUBHORIZONTAL TO SLIGHT/MODERATE DIP TO NORTHEAST; SOFT IN HARDNESS; STRONG; APPEARS TIGHT; IN PROPOSED RESERVOIR AREA, OVERLAIN BY 0 TO 5 FEET OF CLAYEY SAND TO SANDY CLAY TOPSOIL OR COLLUVIUM.

- APPROXIMATE GEOLOGIC CONTACT
- STRIKE AND DIP OF BEDDING
- SPRING
- eg — EROSION GULLY
- VF-B5 ● — EXPLORATION BORING
- VF-P12 ◘ — TEST PIT

NOTE: GEOLOGIC FEATURES SHOWN INCLUDING SPRINGS AND EROSION GULLIES WERE NOTED DURING SITE RECONNAISSANCE MAPPING ON SEPTEMBER 27-28, 1994.

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

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
VALLEY FORD EAST RESERVOIR SITE

SANTA ROSA SUBREGIONAL LONG TERM WASTEWATER PROJECT

PROJECT NO.	88230
DATE	OCTOBER 1995
FIGURE NO.	4-1