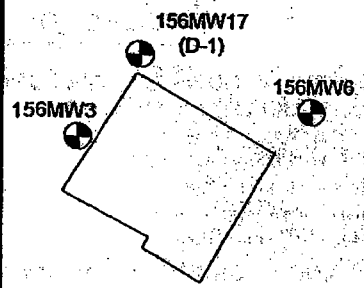
LOCATION MAP



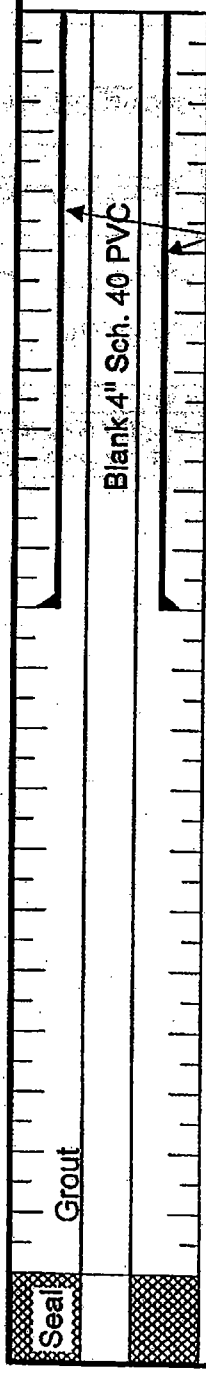
SHAW E & I, INC.

BORING NO. D-1
PAGE 1 OF 2

156MW17

PROJECT NO. 779480
LOGGED BY: SIBBETT
DRILLER: S/G DRILLING
DRILLING METHOD: AUGER
SAMPLING METHOD: CONTINUOUS CORE
CASING TYPE: PVC
SLOT SIZE: 0.01"
GRAVEL PACK: 2/12 SAND

CLIENT: VANDENBERG AIR FORCE BASE
DATE DRILLED: 12/16-17/02
LOCATION: SITE 50
HOLE DIAMETER: 10"
HOLE DEPTH: 59'
WELL DIAMETER: 4"
WELL DEPTH: 59'
CASING STICKUP: FLUSHMOUNT



MOISTURE CONTENT	PID (ppm)	PENETRATION (BLOWS/ FT)	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY/REMARKS
			0				SM	SILTY SAND (SM); brown (10YR 5/3), dry, moderately loose, minor clay. SILTY SAND (SM); very pale-brown (10YR 7/3), dry, loose, at 4' strong brown (7.5YR 5/4).
							SP	4-5' fine sand, ~1" of dark gray clay at 4'
			5				CL	SANDY CLAY (CL); gray-brown (10YR 5/2), stiff.
							SP	SAND (SP); pale-brown (10YR 6/2), fine sand, loose, grading to medium sand . Hematite cemented in shoe.
			10				SW	SAND (SW); olive-yellow (2.5Y 6/8), well graded sand, fine to coarse with granules gravelly sand, moist.
			15				SP	SAND (SP); light yellowish-brown (2.5 Y 6/4), medium sand, well sorted with minor silt & clay. SAND (SP); light yellowish-brown (2.5Y 6/3), medium sand, well sorted with minor clay in matrix few granules of chert.
			20	▽			CL	SILTY CLAY TO CLAYEY SILT (CL); light yellowish-brown (2.5Y 6/3), with fine sand, wet.
							ML	CLAYEY-SANDY SILT (ML); light yellowish-brown, grades to silty sand.
							SP	SAND (SP); light yellowish-brown (2.5Y 6/4), fine sand, well sorted, quartz grains, moist.
			25	▽			SM	SILTY SAND (SM); fine grained, moderately loose. lower 2-3 feet of silty sand is wet.
			30				CL	SILTY CLAY (CL); light yellowish-brown (2.5YR 6/4), wet, brown streaks, stiff. SILTY CLAY (CL); yellow (10YR 7/6), 1-10mm thick beds of yellow to gray.
			35					CLAY (CL); olive-gray (5Y 5/2), very stiff. CLAY (CL); gray (5Y 5/1), very stiff, wet.
			40				GP	PEBBLE GRAVEL (GP); chert clasts to 3 cm.
							CL	CLAY (CL); GRAY (5Y, 5/1), stiff
			45					

LOCATION MAP

SEE PAGE 1

SHAW E & I, INC.

BORING NO. D-1
PAGE 2 OF 2

156MW17
PROJECT NO. 779480
LOGGED BY: SIBBETT
DRILLER: S/G DRILLING
DRILLING METHOD: AUGER
SAMPLING METHOD: CONTINUOUS CORE
CASING TYPE: PVC
SLOT SIZE: 0.01"
GRAVEL PACK: #2/12 SAND

CLIENT: VANDENBERG AIR FORCE BASE
DATE DRILLED: 12/16-17/02
LOCATION: SITE 50
HOLE DIAMETER: 10"
HOLE DEPTH: 59'
WELL DIAMETER: 4"
WELL DEPTH: 59'
CASING STICKUP: FLUSHMOUNT

BOREHOLE BACKFILL	MOISTURE CONTENT	PID (ppm)	PENETRATION (BLOWS/ FT)	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY/REMARKS
Seal; Blank; 48.5'; #2/12 Sand; 0.01 Slot PVC; Cap				45				CL	same as above
				48				SC	CLAYEY SAND (SC); gray (5Y 5/1), fine grained, well sorted, moist, not wet.
								CL	CLAY (CL); olive (5Y 5/8), stiff, yellow to gray.
				50				SP	SAND (SP); gray (5Y 6/1), fine sand, very well sorted, very moist, not saturated.
								GP	wet from top of gravel. SANDY GRAVEL (GP); gray (5Y 7/1), chert pebbles to 3 cm. well rounded fine sand matrix, wet.
				55					SANDY GRAVEL (GP); pebbles to 3 cm., mostly ≤1 cm. No water in well
								SP	SAND (SP); gray (5Y 6/1), medium to coarse, wet
								RX	SILICIOUS SHALE or Diatomite (RX); olive-gray (5Y 5/2), very dense, near horizontal beds limonite stain on some bedding plains.
				60					Boring terminated at 59' bgs.
				65					
				70					
				75					
				80					
				85					
				90					