BORING NO. 40MW-5

COORDINATES N 2108650.1012 E 5772310.1262

FIELD ENGINEER B. Stibbett DATE BEGAN 11-16-98
EDITED BY B. Stibbett DATE FINISHED 11-16-98
CHECKED BY _____ TOP OF CASING 113.81'

DEPTH IN FEET	PID READING (ppm)	LABORATORY TEST DATA: PERMEABILITY (cm/s)	BENZENE (ppm)	TOLUENE (ppm)	XYLENE (ppm)	TOTAL PETROLEUM HYDROCARBONS (ppm)	WELL SUMMARY/ BACKFILL	PENETRATION RESISTANCE (BLOWS/6 INCHES) — SAMPLE	USCS	PROFILE	DESCRIPTION
0											ASPHALT pavement .25'
											Very loose, very pale brown, (10YR 8/9) SAND, damp, medium grained, very well sorted.
5											
10								5/15/18			Very loose, yellow (10YR 7/6) SAND, trace damp, medium grained, very well sorted.
15								4/4/6	sp		Loose SAND, continued.
20								2/4/8			Very loose, very pale brown (10YR 7/4) SAND, trace damp, medium grained, very well sorted.
25								4/6/9			2" silty sand layer at 25 feet. Very loose, very pale brown (10YR 7/4) medium grained, very well sorted.
									sm		29.0' Loose, very pale brown (10YR 7/3) silty SAND, fine grained. 29.5'
30								11/23/4			Very loose, yellow (10YR 7/6) SAND, medium grained, very well sorted
35								15/30/50			
40								8/11/4			Loose, brown (7.5YR 4/4) SAND, trace moisture, medium grained, well sorted with trace silt.
45								8/75/35/50	sp		Medium dense, dark yellowish brown (10YR 4/6) and brownish yellow (10YR 6/6) SAND, medium with 3" layers of yellow and brown.
50								12/24/25			
55								15/45/50-4			Loose, brownish yellow (10YR 6/6) SAND, medium grain, very clean to 55'. Medium dense, strong brown (7.5YR 4/6) SAND, slightly damp, medium grain, trace clay, shale clasts to 3 cm.
60								10/20/26	gw		60.0' Moderately dense, light yellowish brown (10YR 6/4) sandy GRAVEL, wet, clasts of chert to 2 cm. Groundwater encountered at 61.0 feet from ground surface on 12-09-98.
65								50/5			65.0' White (10YR 8/2) Diatomite-Shale BEDROCK. TOTAL DEPTH = 65.5 FEET
70											

PROJECT NO. 768047
CLIENT: Vandenberg Air Force Base

SEE LEGEND FOR LOGS AND TEST PITS
FOR EXPLANATION OF SYMBOLS AND TERMS

INTERNATIONAL TECHNOLOGY CORPORATION