BORING NO. 25MW-10

COORDINATES N 2106462.4192 E5773848.6794

FIELD ENGINEER B. Sibbett — DATE BEGAN 11-23-98
EDITED BY B. Sibbett — DATE FINISHED 11-23-98
CHECKED BY _____ — GROUND SURFACE EL. 201.50'
TOP OF CASING 203.92'

DEPTH IN FEET	RID 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											Very loose, yellowish brown (10YR 5/6) SAND, damp, medium grained, very well sorted.
5											
10	1.1							6/17/25			Very loose, brownish yellow (10YR 6/6) SAND, damp, medium grained, very well sorted.
15											
20	0.7							10/17/20			Very loose, brownish yellow (10YR 6/6) SAND, slightly damp, medium grained, very well sorted.
25									sp		
30	0.4							12/33/50			Possible 1/2" white layer at 29'. Very loose, brownish yellow (10YR 6/6) SAND, slightly damp, medium grained, very well sorted.
35											
40	0.6							4/13/19			Very loose, brownish yellow (10YR 6/6) SAND, damp, medium grained, very well sorted, bedding ~2mm thick at 2cm spacing.
45								12/23/34/42			Very loose, brownish yellow (10YR 6/6) SAND, slightly damp, medium grained, very well sorted.
50								7/14/14	sp		Groundwater encountered at 48.38 feet from ground surface on 12-06-98. 49.5' Very loose, light brownish gray (10YR 4/2) SAND, wet, fine-medium. 51.0' Stiff, yellowish red (5YR 4/6) and dark gray 5YR 4/1) clayey SAND and sandy CLAY.
55								14/24/32	sc		Stiff, light olive gray (5Y 6/2) clayey gravelly SAND, diatomite clast. Stiff, strong brown (7.5YR 5/6) clayey gravelly SAND, fine to medium, diatomite pebbles, variable colors of brownish yellow. 57.0'
60								50-4"			Top of Bedrock uncertain, but 57'-59'. Dense, White (2.5Y 8/2) DIATOMITE-SHALE bedrock. Bedding near horizontal, few joints. Minor limonite stain along some joints. Bentonite chip seal placed in 60-57' to seal boring.
65											TOTAL DEPTH = 60 FEET
70											

PROJECT NO. 768Q47
CLIENT: Vandenberg Air Force Base

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

INTERNATIONAL TECHNOLOGY CORPORATION