

LOG OF BORING DB17

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DATE

7/28/05

PROJECT:

SURFACE ELEVATION

+72' MSL

PROJECT NO.:

BORING TYPE: Auger: 0'-18';
Rotary: 18'-35'

DEPTH (ft.)	SAMPLES	USC	WATER LEVEL	MATERIAL DESCRIPTION	FIELD STRENGTH DATA				DRY DENSITY (pcf)	UU SHEAR STRENGTH (tsf)	FAILURE STRAIN (%)	CONFINING PRESSURE (psi)	Natural Moisture Content and Atterberg Limits			MOISTURE CONTENT (%)	PASSING #200 SIEVE (%)	ESTIMATED ANGLE OF INTERNAL FRICTION (°), OTHER TESTS & REMARKS
					○ BLOW COUNT 20 40 60 80	△ C _U (tsf) 1 2 3 4	△ SS (tsf) 1 2 3 4	◆ Torvane (psf) 200 400 600 800					Plastic Limit	Moisture Content	Liquid Limit				LL	PL	PI
0	CH	/ / / / / / / / / /		FAT CLAY (CH) stiff to very stiff, high plasticity, brown & gray w/ silt seams & calcareous & ferrous nodules, moist	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5					.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10					.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15					.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20					.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Water Level Est: Measured: Perched:
 Water Observations: Water level was measured at a depth of 1' & the borehole caved to a depth of 11' 24 hrs after completion of drilling. Saturated surficial soils may have affected this water level.

Key to Abbreviations:
 N - SPT Data (Blows/Ft)
 P - Pocket Penetrometer (tsf)
 T - Torvane (psf)
 C_U - Undrained Cohesion (tsf)
 SS - Shear Strength (P/2, tsf)

Notes:
 Driller: Van & Sons Drilling Service, Inc. Logger: K. Fluker, TWEI
 Ground water was measured at a depth of 18' during drilling. Surface water runoff entered the borehole & the water level was measured at 2.6' after 15 min.

Sample Key: SPT SHELBY TUBE DISTURBED