Site 3A

LOG OF BORING NO. 85-225

WALLISVILLE LAKE
BORROW AREA 3A

DEPTH, FT	SYMBOL	SAMPLES	LOCATION: SURFACE EL	BLOWS PER FT	% PASSING NO. 200 SIEVE	UNIT DRY WT LB PER CU FT	WATER CONTENT, % (Plastic Limit / Natural / Liquid Limit; 20 40 60)	UNDRAINED SHEAR STRENGTH KIPS PER SQ FT (0.5 1.0 1.5 2.0 2.5) / KILOPASCALS (25 50 75 100 125)	Penetrometer, ksf	
	1/J		Firm gray clay with numerous sand filled fissures, sand seams, and roots w					S	0.84	1.4
2										
	2/J		w γ_d LL PL AMA					M-S	0.66	1.1
4			-stiff below 4'							
	3/J		w					S-V/S	1.32	2.2
6										
			w γ_d LL PL AMA							
	4/Q		w Very stiff brown sandy clay					V/S	2.16	3.6
8			-with sand pockets below 8'							
			- firm, 9' to 10.5'							
	5/Q		w -with sand seams below 9'					M	0.46	.8
10			- soft, 10.5' to 12'							
	6/Q		w					M	0.48	.8
12			-very soft below 12'							
	7/Q*		w					So	0.18	.3
14			Loose dark gray silty fine sand with clay seams							
16	8/J		AMK							
18			* 10-in sample							
20										

Driller: T. Mooney
Technician: R. Sigler
Drilling Equipment: Failing 250 on Ardco Buggy

JOB NO.: 0186-3000
COMPLETION DEPTH: 16 ft
DATE: December 22, 1985
DEPTH TO WATER IN BORING: 11 ft on completion

SAMPLER: 3" Thin-walled Tube

DRILLING METHOD: Dry Auger

STRENGTH LEGEND
- ● Unconfined Compression
- ▲ Unconsolidated-Undrained Triaxial Compression
- ✦ Miniature Vane
- (open symbols above indicate remolded tests)
- ✧ Torvane
- ⊠ Hand Penetrometer

REPRODUCED AT GOVERNMENT EXPENSE

McCLELLAND ENGINEERS