

STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

CONTRACT: 97-200-13 CYPRESS SWAMP

BORING NO. B # 1

DAILY LOG LOCATION:

Rg 15-03

DAILY PROGRESS NO.	SAMPLE DEPTH	BLOWS/6"	SAMPLE DESCRIPTION	CLASS/G.I.	REMARKS
4/6/98 1	1.0'	1	Saturated soft brown organic fine sandy silt w/some clay, trace of coarse sand.	A-4 (1)	
		1			
		2			
	3.0'	2			
2	3.0'	5	Saturated stiff brown fine sandy silt w/trace of coarse sand. (6" Sample)	A-4 (0)	
3	5.0'	9	Wet medium dense brown fine sand w/some silt and coarse sand. (9" Sample)	A-2-4 (0)	
		11			
		15			
			15" Recovery		
4	5.0'	6	Saturated medium dense gray fine sand w/some silt, trace of coarse sand.	A-2-4 (0)	
		10			
		13			
	7.0'	12			
			18" Recovery		
5	7.0'	1	Saturated soft brown organic silt w/trace of fine to coarse sand.	A-4 (1)	
		2			
		2			
	9.0'	4			
			18" Recovery		
6	9.0'	1	No Sieve Analysis - Indication of saturated soft brown peat.		
		1			
		2			
	11.0'	2			
			18" Recovery		
7	11.0'	W/H	Saturated very loose brown fine sand w/some silt and organic matter, trace-of coarse sand.	A-2-4 (0)	
		W/H			
		W/H			
	13.0'	4			
			18" Recovery		
8	13.0'	1	Saturated medium dense grayish brown fine sand w/trace of silt, coarse sand and organic matter.	A-3 (0)	
		6			
		9			
	15.0'	9			

(END)

LOUIS BERGER & ASSOCIATES, INC.
ENGINEERS, ECONOMISTS, PLANNERS

LOG OF BORING **B1** **Rg15-03** SHEET **1** OF **1**

PROJECT AND LOCATION		ELEVATION (FT)		PROJECT NO.					
Delaware DOT Great Cypress Swamp Wetland Mitigation Bank				JG-1317					
DRILLING CONTRACTOR		FOREMAN		DATE FINISHED					
Walton Corporation		Paul		4/6/98					
DRILLING EQUIPMENT									
Truck mounted drill rig									
TYPE BIT		SIZE & TYPE OF CORE BARREL		ROCK DEPTH					
Auger (hollow stem)		2" split spoon		15'					
CASING		WEIGHT		NO. SAMP. - DIST.					
		2" split spoon		UNDIST.					
CASING HAMM.		DROP		FIRST COMPL.					
		30 inches		2:30 PM					
SAMPLER		WEIGHT		WATER LEVEL (FT.)					
1		140 lb		3' 0"					
SAMPLER HAMMER		DROP		BORING					
		30 inches		BI (Dual)					
		LOCATION		INSPECTOR					
		Ruwan Rajapakse							
BLOWS ON CASING		DEPTH FT.		DESCRIPTION		LOG		REMARKS	
		PENETR. RESIST. BL/6 IN.		REC. IN. NO.		TYPE			
		Augered to 1'							
1		1		18		S1		Dark Gray - to Black Organic SILT trace Clay	
2		1		18		1'-3'		Light brown to dark brown SILT, little fine Sand	
3		2		2					
4		2		2					
5		5		15		S2		Light brown to light gray Silty CLAY	
6		9		15		3'-5'		3'-3.5' Clay layer	
7		11		13				S2 @ 3'-3.5'	
8		15		15				S3 @ 3.5'-5'	
9		6		18		S3		Light brown to gray fine SAND, some silt	
10		10		18		5'-7'		gray	
11		13		12				Light brown to gray c-f SAND, little Silt	
12		1		1		S4		Light gray Silt, trace Clay	
13		2		18		7'-9'		Light gray Silt, little Clay	
14		2		2					
15		4		4					
16		1		15		S5		Brown Silt, and fine SAND	
17		1		15		9'-11'			
18		2		2					
19		2		2					
20		WOH		15		S6		Dark brown fine SAND and SILT	
21		WOH		15		11'-13			
22		WOH		4					
23		1		15		S7			
24		6		9					
25		9		9		13'-15		Gray fine SAND, some Silt	
26		9							