

STATE OF DELAWARE
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

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BORING NO. B # 18

CONTRACT: 97-200-13 CYPRESS SWAMP

BORING LOCATION:

Reg 22-05

DAILY	PROGRESS NO.	SAMPLE DEPTH	BLOWS/6"	SAMPLE DESCRIPTION	CLASS/G. I.	REMARKS
4/22/98	1	0.0'	1	Wet medium dense brown fine sand	A-2-4 (0)	
			9	w/some coarse sand and silt.		
			12			
		2.0'	9			
				16" Recovery		
	2	2.0'	6	Wet medium dense brown fine sand	A-3 (0)	Water @ 3.6'
			7	w/some coarse sand, trace of silt.		
			9			
		4.0'	11			
				16" Recovery		
	3	4.0'	7	Wet loose brown fine sand w/some coarse sand, trace of silt.	A-3 (0)	
			6			
			4			
		6.0'	4			
				21" Recovery		
	4	6.0'	5	Saturated medium dense gray fine sand	A-3 (0)	
			8	w/trace of silt and coarse sand.		
			11			
		8.0'	10			
				19" Recovery		
	5	8.0'	6	Saturated dense gray fine sand w/some coarse sand, trace of silt.	A-3 (0)	
			12			
			19			
		10.0'	18			
				20" Recovery		
	6	10.0'	4	Wet medium dense gray fine sand w/some coarse sand, trace of silt.	A-3 (0)	
			7			
			5			
		12.0'	10			
				15" Recovery		
	7	12.0'	2	Saturated soft brownish gray silt w/some fine sand, trace of coarse sand and organic matter.	A-4 (0)	
			1			
			2			
		14.0'	4			
				17" Recovery		

BORING NO. B # 18
 SURFACE ELEV.

STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

BORING NO. B # 18

CONTRACT: 97-200-13 CYPRESS SWAMP

BORING LOCATION:

R522-05

DAILY PROGRESS	NO.	SAMPLE DEPTH	BLOWS/6"	SAMPLE DESCRIPTION	CLASS/G.I.	REMARKS
4/22/98	8	14.0'	2	Saturated soft brown organic silt w/trace of fine to coarse sand.	A-4 (0)	
		15.0'	2			

12* Recovery

(END)

LOUIS BERGER & ASSOCIATES, INC.

ENGINEERS, ECONOMISTS, PLANNERS

LOG OF BORING B18 Rg 22-05 SHEET 1 OF 1

PROJECT AND LOCATION		ELEVATION (FT)		PROJECT NO.		
Delaware DOT Great Cypress Swamp Wetland Mitigation Bank				JG-1317		
DRILLING CONTRACTOR		DATE STARTED		DATE FINISHED		
Walton Corporation		4/22/98		4/22/98		
FOREMAN		COMPLETION DEPTH		ROCK DEPTH		
Andy Talley		15'				
DRILLING EQUIPMENT				NO. SAMP.		
Truck mounted drill rig				DIST.		
TYPE BIT		SIZE & TYPE OF CORE BARREL		GW DATA		
Auger (hollow stem)		2" split spoon		FIRST		
CASING		WEIGHT		TIME		
No Casing		DROP		WATER LEVEL (FT.)		
CASING HAMM.		DROP		BORING		
SAMPLER		DROPS		B18 (Single)		
SAMPLER		DROPS		LOCATION		
HAMMER		DROPS		INSPECTOR		
BLOWS		DROPS		Ruwan Rajapakse/Tim Burke		
ON CASING		DROPS		LOG		
DEPTH		DROPS		REMARKS		
FT.		DROPS				
1	9	16	S1	Black organic SILT, roots leave etc.	4"	Topsoil
2	12		4"-2'	Light brown m-f SAND, little Silt		
3	9	16	S2			
4	11		2'-4'	Brown Silty CLAY		
5	7	21	S3			
6	4	4	4'-6'	Light gray fine SAND, trace Silt		
7	8		S4			
8	11	19	6'-8'	Gray fine SAND and Clay		
9	10	6	S5			8'1"
10	19		8'-10'	Light gray m-f SAND, trace Silt		
11	18	20				
12	4		S6	Gray fine SAND and Clay		
13	7	15	10'-12'			
14	1	17	S7	Brown Clayey SILT, trace fine Sand		
15	2		12'-14'			
	4			Gray Silty CLAY		
	2	12	S8			
	2		14'-15'	Brown SILT (organic)		