

STATE OF DELAWARE
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

CONTRACT: 97-200-13 CYPRESS SWAMP
 BORING LOCATION:

Rg 22-04

BORING NO. B # 24

DAILY	SAMPLE	BLOWS/6"	SAMPLE DESCRIPTION	CLASS/G. I.	REMARKS
PROGRESS NO.	DEPTH				
4/22/98	1	0.0'	1 Saturated very loose brown fine sand	A-2-4 (0)	
			1 w/some silt and coarse sand.		
		2.0'	2		
			5		
					16" Recovery
	2	2.0'	7 Wet medium dense brown fine sand w/some	A-3 (0)	Water @ 3.5'
			7 coarse sand, trace of silt.		
		4.0'	9		
			12		
					16" Recovery
	3	4.0'	8 Wet dense brown fine sand w/some coarse	A-3 (0)	
			12 sand, trace of silt.		
			20		
		6.0'	21		
					24" Recovery
	4	6.0'	3 Saturated medium dense gray silty fine	A-2-4 (0)	
			3 sand w/some coarse sand.		
		8.0'	12		
			16		
					16" Recovery
	5	8.0'	4 Wet medium dense gray fine sand w/some	A-2-4 (0)	
			9 silt, trace of coarse sand.		
			8		
		10.0'	13		
					19" Recovery
	6	10.0'	3 Wet medium dense gray fine sand w/some	A-2-4 (0)	
			5 silt, trace of coarse sand.		
			10		
		12.0'	8		
					15" Recovery
	7	12.0'	2 Saturated soft gray organic silt w/trace	A-4 (0)	
			2 of fine to coarse sand.		
			2		
		14.0'	1		
					19" Recovery

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PAGE 3 OF 3

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4/22/98	8	14.0'	1	Saturated soft brown organic fine sandy	A-4 (0)	
		15.0'	1	silt w/trace of coarse sand.		

12" Recovery

(END)

BORING NO. B # 24
SURFACE ELEV.

LOUIS BERGER & ASSOCIATES, INC.

ENGINEERS, ECONOMISTS, PLANNERS

LOG OF BORING B24 Rg22-04 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 STARTED		DATE FINISHED
Walton Corporation			Andy Talley		4/15/98		4/15/98
DRILLING EQUIPMENT				COMPLETION DEPTH		ROCK DEPTH	
Truck mounted drill rig				15'		UNDIST.	
TYPE BIT		SIZE & TYPE OF CORE BARREL		GW DATA		FIRST	
Auger (hollow stem)		2" split spoon		TIME		9:15 AM	
CASING		WEIGHT		WATER LEVEL (FT.)		3.5'	
No Casing		DROP		BORING		B24 (Dual)	
SAMPLER				LOCATION		INSPECTOR	
1				30 inches		Tim Burke	
SAMPLER HAMMER		WEIGHT		DROP		DESCRIPTION	
140 lb		140 lb		30 inches			
BLOWS ON CASING		DEPTH FT.		PENETR. RESIST. BL/6 IN.		RECORD IN. NO.	
		1		1		S1	
		2		2		S1	
		3		3		S2	
		4		4		S2	
		5		5		S3	
		6		6		S3	
		7		7		S4	
		8		8		S4	
		9		9		S5	
		10		10		S5	
		11		11		S6	
		12		12		S6	
		13		13		S6	
		14		14		S6	
		15		15		S6	
				Black organic SILT		8"	
				Brown m-f SAND and Silt		Topsoil	
				Light brown m-f SAND, some Silt		Groundwater at 3.5'	
				Light brown m-f SAND, little Silt			
				Brown Silty CLAY			
				Light brown m-f SAND, some Silt			
				Light gray fine SAND, some Clayey Silt			
				Light gray m-f SAND, little Silt			
				Gray Silty CLAY			
				Brown SILT			
				Brown Clayey SILT, little fine Sand			