

STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

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BORING NO. B # 23

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

Rg 12-02

DAILY PROGRESS NO.	SAMPLE DEPTH	BLOWS/6"	SAMPLE DESCRIPTION	CLASS/G.I.	REMARKS
4/15/98	1	0.0'	1 Saturated very loose brown silty fine sand w/some coarse sand and organic matter.	A-2-4 (0)	
		1			
		1			
	2.0'	1	21" Recovery		
	2	2.0'	3 Saturated loose brown silty fine sand w/some coarse sand. (9" Sample)	A-2-4 (0)	
		7			
	3	4.0'	9 Wet medium dense brown fine sand w/some coarse sand, trace of silt. (9" Sample)	A-3 (0)	
		12	18" Recovery		
	4	4.0'	7 Wet medium dense brown fine sand w/trace of silt and coarse sand.	A-3 (0)	Water @ 5.2'
		9			
		12			
	6.0'	9	19" Recovery		
	5	6.0'	3 Saturated medium dense gray silty fine sand w/trace of coarse sand.	A-2-4 (0)	
		9			
		11			
	8.0'	12	15" Recovery		
	6	8.0'	6 Wet medium dense gray fine sand w/some coarse sand, trace of silt.	A-3 (0)	
		9			
		13			
	10.0'	14	21" Recovery		
	7	10.0'	7 Wet medium dense gray fine sand w/some coarse sand, trace of silt.	A-3 (0)	
		9			
		11			
	12.0'	12	14" Recovery		
	8	12.0'	7 Wet loose gray fine sand w/some coarse sand, trace of silt. (12" Sample)	A-3 (0)	
		3			
	9	14.0'	3 Saturated loose brown silty fine sand w/some coarse sand, trace of organic matter. (6" Sample)	A-2-4 (0)	
		5	18" Recovery		

BORING NO. B # 23
SURFACE ELEV.

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PROGRESS NO.	DAILY	SAMPLE	DEPTH	BLOWS/6"	SAMPLE DESCRIPTION	CLASS/G.I.	REMARKS
10	4/15/98	10	14.0'	4	Wet loose brown fine sand w/some silt and coarse sand, trace of organic matter.	A-2-4 (0)	
			15.0'	4			

6" Recovery

(END)

BORING NO. B # 23
SURFACE ELEV.

LOUIS BERGER & ASSOCIATES, INC.

ENGINEERS, ECONOMISTS, PLANNERS

LOG OF BORING B23 R_g12-02 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		4/15/98		4/15/98		
DRILLING EQUIPMENT		COMPLETION DEPTH		ROCK DEPTH		
Truck mounted drill rig		15'		UNDIST.		
TYPE BIT		GW DATA		FIRST		
Auger (hollow stem)				9:40 AM		
CASING		TIME		COMPL.		
No Casing						
CASING HAMM.		WATER LEVEL (FT.)				
		5.2'				
SAMPLER		BORING				
1		B23 (Single)				
SAMPLER HAMMER		LOCATION		INSPECTOR		
140 lb		30 inches		Tim Burke		
BLOWS ON CASING	DEPTH FT.	PENETR. RESIST. BL/6 IN.	SAMPLES		LOG	REMARKS
			IN.	NO.		
	1	1	22	S1	2"	Topsoil
		1	1	2'-2'	8"	
	2	1	1		1'9"	
	3	3	7	S2	2'9"	
	4	9	13	S3		
		7	7	S4		
	5	9	12	4'-6'		
	6	9	9			
	7	3	9	S5		
		11	11	6'-8'		
	8	12	12			
	9	6	9	S6		
		9	13	8'-10'		
	10	14	14			
	11	7	9	S7		
		9	11	10'-12'		
	12	12	12			
	13	7	7	S8		
		3	3	12'-13'		
	14	3	3	S9		
		5	5	13'-14'		
	15	4	4	S10		
		4	4	14'-15'		
						Groundwater at 5.2'