

STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PAGE 2 OF 3

BORING NO. B # 6

CONTRACT: 97-200-13 CYPRESS SWAMP

Rg 15-06

BORING LOCATION:

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

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PAGE 3 OF 3

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DAILY PROGRESS	SAMPLE NO.	DEPTH	BLOWS/6"	SAMPLE DESCRIPTION	CLASS/G.I.	REMARKS
4/10/98	9	14.0'	5	Saturated loose gray fine sand w/trace	A-3 (0)	
		15.0'	5	of silt.		

7" Recovery

(END)

BORING NO. B # 6
SURFACE ELEV.

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

LOG OF BORING B6 Rg 15-06 SHEET 1 OF 1

PROJECT AND LOCATION Delaware DOT Great Cypress Swamp Wetland Mitigation Bank				ELEVATION (FT)		PROJECT NO. JG-1317		
DRILLING CONTRACTOR Walton Corporation		FOREMAN Andy Talley		DATE STARTED 4/10/98		DATE FINISHED 4/10/98		
DRILLING EQUIPMENT Truck mounted drill rig				COMPLETION DEPTH 15'		ROCK DEPTH		
TYPE BIT Auger (hollow stem)		SIZE & TYPE OF CORE BARREL 2" split spoon		NO. SAMP. - DIST.		UNDIST.		
CASING	No Casing			GW DATA	FIRST	COMPL.	HR.	
CASING HAMM.	WEIGHT	DROP		TIME				
SAMPLER	1			WATER LEVEL (FT.)				
SAMPLER HAMMER	WEIGHT 140 lb	DROP 30 inches		BORING	B6 (Dual)			
				LOCATION				
				INSPECTOR	Ruwan Rajapakse/Tim Burke			
ON CASING	DEPTH FT.	SAMPLES PENETR. RESIST. BL/6 IN. REC. IN. TYPE NO.			DESCRIPTION		LOG	REMARKS
	1	1		S1	Black organic SILT, some fine Sand			Topsoil
	2	9	17	0'-2'	Brown SILT and fine Sand			screened 19"-36"
	3	11		S2			3'3"	Betonite 3'3" to
	4	13	16	2'-4'	Light brown/gray Silty CLAY, deposits separated by 2" m.sand		3'9"	4'3"
	5	17		S3	Light brown m-f SAND, some Silt			
	6	19	18	4'-6'	Light brown SILT and fine Sand			Lower screen
	7	22		S4	Light brown m-f SAND, little Silt			8'-13'
	8	7	22	6'-8'	Light brown Clayey SILT, trace fine Sand			
	9	7		S5	Light brown m-f SAND, some Silt			
	10	10	22	8'-9'	Dark brown Silty CLAY, some fine Sand			
	11	2		S6	Dark brown fine SAND and Silty Clay organic			
	12	1		9'-10'				
	13	1		S7				
	14	7		10'-12'	Gray fine SAND, some Silt			
	15	7	12	12'-14'				
		10		S8				
		9		14'-15'	Light gray m-f SAND, little Silt			
		5	7	S9	Gray fine SAND, some Silt			
		5						