

STATE OF DELAWARE  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

BORING NO. B # 7

CONTRACT: 97-200-13 CYPRESS SWAMP

BORING LOCATION:

Rg14-06

DAILY PROGRESS	NO.	SAMPLE DEPTH	BLOWS/6"	SAMPLE DESCRIPTION	CLASS/G.I.	REMARKS
4/8/98	1	0.0'	1	Wet medium dense brown silty fine sand w/some coarse sand.	A-2-4 (0)	
			5			
			16			
		2.0'	31			
19" Recovery						
	2	2.0'	19	Wet dense brown fine sand w/some silt, trace of coarse sand.	A-2-4 (0)	Water @ 3.0'
			31			
			15			
		4.0'	16	17" Recovery		
	3	4.0'	6	Wet medium dense brown fine sand w/some silt, trace of coarse sand.	A-2-4 (0)	
			10			
			12			
		6.0'	16	20" Recovery		
	4	6.0'	9	Wet dense brown silty fine sand w/trace of coarse sand.	A-2-4 (0)	
			12			
			21			
		8.0'	23	20" Recovery		
	5	8.0'	3	Wet medium dense brown fine to coarse sand w/some silt.	A-2-4 (0)	
			9			
			14			
		10.0'	18	19" Recovery		
	6	10.0'	7	Wet medium dense gray fine sand w/some silt, trace of coarse sand.	A-2-4 (0)	
			14			
			16			
		12.0'	20	23" Recovery		
	7	12.0'	10	Saturated dense gray fine sand w/some silt.	A-2-4 (0)	
			20			
			26			
		14.0'	27	22" Recovery		

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DAILY PROGRESS	SAMPLE NO.	DEPTH	BLOWS/6"	SAMPLE DESCRIPTION	CLASS/G.I.	REMARKS
4/8/98	8	14.0'	5	No Sample Recovery		
		15.0'	14			

( END )

BORING NO. B # 7  
SURFACE ELEV.

# LOUIS BERGER & ASSOCIATES, INC.

ENGINEERS, ECONOMISTS, PLANNERS

## LOG OF BORING B7 *Rg14-06* 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 4/8/98		DATE FINISHED 4/8/98	
DRILLING EQUIPMENT Truck mounted drill rig				COMPLETION DEPTH 15'		ROCK DEPTH	
				NO. SAMP. -		DIST. UNDIST.	
TYPE BIT Auger (hollow stem)		SIZE & TYPE OF CORE BARREL		GW DATA		FIRST	
CASING No Casing		2" split spoon		TIME		8:30 AM	
CASING HAMM.		WEIGHT 140 lbs		DROP 3'		WATER LEVEL (FT.) 3' 0"	
SAMPLER 1				BORING B7 (Dual)			
SAMPLER HAMMER		WEIGHT 140 lb		DROP 30 inches		LOCATION	
				INSPECTOR Ruwan Rajapakse/Tim Burke			
BLOWS ON CASING	DEPTH FT.	SAMPLES			DESCRIPTION	LOG	REMARKS
		PENETR. RESIST. BL/6 IN.	REC. IN.	TYPE NO.			
		1			Dark brown organic SILT and fine Sand	7"	Topsoil
1	5	19	S1	Brown fine SAND, some Silt			
	16		0'-2'				
2	31						
	19				Brown fine SAND and Silt		Groundwater at 3' Clay layer
3	31	17	S2				
	15		2'-4'		Brown Silty CLAY		
4	16						
	6				Light brown m-f SAND and silt, trace Clay		
5	10	19	S3				
	12		4'-6'				
6	16						
	9				Light brown m-f SAND, some Silt		
7	12	20	S4				
	21		6'-9'		Light brown Clayey SILT and m-f Sand	7'3"	
8	23				Light brown m-f SAND some Silt		
	3				Light gray cm-f SAND, some Silt		
9	9	19					
	14		S5				
10	18		9'-10'		Light Gray fine SAND and Silt, trace Clay		
	7				Light gray-gray fine SAND, some Silt		
11	14	23					
	16						
12	20		S6				
	10		10'-14'		Light gray cm SAND, little Silt		
13	20	22					
	26				Gray fine SAND, some Silt		
14	27						
					No Recovery, driller noted loose wet sand		
15		0					