

STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

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CONTRACT: 97-200-13 CYPRESS SWAMP

BORING LOCATION:

Rg 15-04

BORING NO. B # 11

DAILY PROGRESS NO.	SAMPLE DEPTH	BLOWS/6"	SAMPLE DESCRIPTION	CLASS/G.I.	REMARKS
4/17/98 1	0.0'	1	Wet very loose brown fine sand w/some silt, coarse sand and organic matter.	A-2-4 (0)	
		1			
		1			
	2.0'	3			
17" Recovery					
2	2.0'	7	Wet medium dense brown fine sand w/some coarse sand and silt.	A-2-4 (0)	
		12			
		14			
	4.0'	13			
18" Recovery					
3	4.0'	6	Wet medium dense brown fine sand w/some coarse sand, trace of silt.	A-3 (0)	Water @ 6.0'
		11			
		15			
	6.0'	16			
21" Recovery					
4	5.0'	8	Wet dense gray fine sand w/some silt, trace of coarse sand.	A-2-4 (0)	
		19			
		24			
	8.0'	23			
15" Recovery					
5	8.0'	6	Saturated stiff gray organic silt w/some fine sand, trace of coarse sand.	A-4 (0)	
		7			
		7			
	10.0'	8			
19" Recovery					
6	10.0'	2	Saturated firm brown organic fine sandy silt w/trace of coarse sand.	A-4 (0)	
		3			
		3			
	12.0'	3			
17" Recovery					
7	12.0'	2	Wet loose brown silty fine sand w/trace of organic matter and coarse sand.	A-2-4 (0)	
		3			
		6			
	14.0'	12			
18" Recovery					

BORING NO. B # 11
SURFACE ELEV.

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PROGRESS NO.	DEPTH	BLOWS/6"	SAMPLE DESCRIPTION	CLASS/G.I.	REMARKS
4/17/98 8	14.0'	5	Saturated medium dense gray fine sand	A-2-4 (0)	
	15.0'	8	w/some silt, trace of coarse sand and organic matter.		

6" Recovery

(END)

BORING NO. B # 11
SURFACE ELEV.

LOUIS BERGER & ASSOCIATES, INC.

ENGINEERS, ECONOMISTS, PLANNERS

LOG OF BORING B11

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 Walton Corporation		4/17/98		4/20/98			
DRILLING EQUIPMENT		COMPLETION DEPTH		ROCK DEPTH			
Truck mounted drill rig		15'					
TYPE BIT		NO. SAMP.		DIST.			
Auger (hollow stem)				UNDIST.			
CASING		GW DATA		FIRST			
No Casing				9:10 AM			
CASING HAMM.		WEIGHT		WATER LEVEL (FT.)			
		2" split spoon		6'			
SAMPLER		DROP		BORING			
1		30 inches		B11 (Singel)			
SAMPLER HAMMER		WEIGHT		LOCATION			
		140 lb		Ruwan Rajapakse/Tim Burke			
BLOWS		SAMPLER		INSPECTOR			
DEPTH FT.	PENETR. RESIST. BL/6 IN.	REC. IN.	TYPE NO.	DESCRIPTION		LOG	REMARKS
				SAMPLES			
1	1	17		Black compost, root, SILT and fine Sand		7"	Topsoil
2	1			Dark brown SILT, some fine Sand			
3	3			Dark brown fine SAND and Silt			
4	7	18		Brown fine SAND, little Silt			
5	12						
6	14						
7	13						
8	6						
9	11	21		Gray Clayey SILT and fine Sand			
10	15			Gray fine SAND, little Silt		6'3"	
11	24						
12	23			Gray Clayey SILT, trace fine Sand			
13	6			Dark brown Clayey SILT			
14	7	19		Dark brown Silty CLAY			
15	3			Gray fine SAND and Clay			
16	3						
17	3						
18	3						
19	2						
20	3	17					
21	3						
22	6						
23	12						
24	12						
25	5						
26	8	6					