

STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PAGE 2 OF 3

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

BORING NO. B # 4

Rg14-03

PROGRESS NO.	SAMPLE DEPTH	BLOWS/6"	SAMPLE DESCRIPTION	CLASS/G.I.	REMARKS
4/7/98	1 0.0'	1	Wet loose brown silty fine sand w/some coarse sand.	A-2-4 (0)	
	2 2.0'	2			
	5 2.0'	5			
	4 2.0'	4			
21" Recovery					
2	2.0'	5	Saturated medium dense brown silty fine sand w/some coarse sand.	A-2-4 (0)	
	6 4.0'	6			
	6 4.0'	6			
18" Recovery					
3	4.0'	2	Wet medium dense brown silty fine sand w/some coarse sand.	A-2-4 (0)	Water @ 5.0'
	10 6.0'	10			
	13 6.0'	13			
19" Recovery					
4	6.0'	8	Wet medium dense brown fine sand w/some silt and coarse sand.	A-2-4 (0)	
	11 6.0'	11			
	16 6.0'	16			
	17 6.0'	17			
24" Recovery					
5	8.0'	4	Saturated firm gray organic silt w/trace of fine sand.	A-4 (2)	
	2 10.0'	2			
	3 10.0'	3			
	4 10.0'	4			
14" Recovery					
6	10.0'	1	Saturated soft brown organic fine sandy silt w/trace of coarse sand and gravel.	A-4 (0)	
	2 12.0'	2			
	1 12.0'	1			
	2 12.0'	2			
11" Recovery					
7	12.0'	1	Saturated soft gray fine sandy silt w/trace of coarse sand and organic matter.	A-4 (0)	
	1 14.0'	1			
	3 14.0'	3			
	4 14.0'	4			
18" Recovery					

BORING NO. B # 4
SURFACE ELEV.

STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PAGE 3 OF 3

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

BORING NO. B # 4

Rg14-03

PROGRESS NO.	DAILY	DEPTH	SAMPLE	BLOWS/6"	W/H	SAMPLE DESCRIPTION	CLASS/G. I.	REMARKS
8	4/7/98	14.0'		3		Saturated soft gray fine sandy silt	A-4 (0)	
		15.0'				w/trace of coarse sand and organic matter.		

(END)

BORING NO. B # 4
SURFACE ELEV.

LOUIS BERGER & ASSOCIATES, INC.

ENGINEERS, ECONOMISTS, PLANNERS

LOG OF BORING B4 R314-03

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		4/7/98		4/7/98			
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		2:30 PM					
CASING HAMM.		TIME		COMPL.			
		5'					
SAMPLER		BORING		LOCATION			
1		B4 (Single Peizometer)					
SAMPLER HAMMER		LOCATION		INSPECTOR			
140 lb		30 inches		Ruwan Rajapakse/Tim Burke			
BLOWN CASING	DEPTH FT.	PENETR. RESIST. BL/6 IN.	SAMPLES		DESCRIPTION	LOG	REMARKS
			REC. IN.	TYPE NO.			
1	1	1	18	S1	Dark brown to black organic fine SAND and Silt		Topsoil
2	2	2	18	0'-2'	Light brown SILT, some fine Sand		
3	3	5	18	S2	Brown fine SAND, little Silt		Moist soil
4	4	6	18	2'-4'	Light brown fine SAND and Silt trace Clay		
5	5	9	19	S3	Tan medium to fine SAND, little Silt		Groundwater at 5'
6	6	13	19	4'-6'			
7	7	8	24	S4	Gray Silty CLAY, some fine Sand		
8	8	11	24	6'-8'			
9	9	16	14	S5	Light brown Clayey SILT, little fine Sand		
10	10	17	14	8'-10'	Dark brown Clayey SILT, trace fine Sand		
11	11	2	11	S6	Gray Silty CLAY, some fine Sand		
12	12	1	11	10'-12'			
13	13	2	18	S7	Gray Silty CLAY, some fine Sand		
14	14	3	18	12'-14'			
15	15	4	11	S8	Gray Silty CLAY and fine Sand		
		WOH	11	14'-15'			
		3					