

STATE OF DELAWARE
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

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CONTRACT: 97-200-13 CYPRESS SWAMP

BORING LOCATION:

R913-03

BORING NO. B # 17

PROGRESS NO.	SAMPLE DEPTH	BLOWS/6"	SAMPLE DESCRIPTION	CLASS/G.I.	REMARKS
4/14/98	1	0.0'	2	Saturated loose brown organic fine sand w/some silt and coarse sand.	A-2-4 (0)
	2	2.0'	3		
	3	2.0'	4		
	4	2.0'	4		
			18" Recovery		
	2	2.0'	7	Wet medium dense brown fine sand w/some coarse sand and silt.	A-2-4 (0)
	9				
	13				
	14				
	4.0'		16" Recovery		
	3	4.0'	7	Wet medium dense brown fine sand w/some coarse sand, trace of silt.	A-3 (0)
	8				Water @ 5.3'
	11				
	6.0'		13		
			24" Recovery		
	4	6.0'	3	Saturated medium dense gray fine sand w/some silt and coarse sand, trace of organic matter.	A-2-4 (0)
	12				
	13				
	8.0'		9		
			15" Recovery		
	5	8.0'	3	Wet medium dense gray fine sand w/some coarse sand and silt.	A-2-4 (0)
	11				
	17				
	10.0'		24		
			18" Recovery		
	6	10.0'	10	Wet medium dense gray fine sand w/some coarse sand, trace of silt.	A-3 (0)
	12				
	8				
	12.0'		4		
			13" Recovery		
	7	12.0'	1	Saturated firm gray silt w/some organic matter, trace of fine to coarse sand.	A-4 (0)
	2				
	3				
	14.0'		6		
			20" Recovery		

BORING NO. B # 17
 SURFACE ELEV.

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PROGRESS NO.	DEPTH	BLOWS/6"	SAMPLE DESCRIPTION	CLASS/G.I.	REMARKS
4/14/98	8	14.0'	2	A-4	(0)
		15.0'	3		

Saturated firm brown organic silt w/some
fine sand, trace of coarse sand.

8" Recovery

(END)

BORING NO. B # 17
SURFACE ELEV.

LOUIS BERGER & ASSOCIATES, INC.

ENGINEERS, ECONOMISTS, PLANNERS

LOG OF BORING

B17 Rg13-03

SHEET 1 OF 1

PROJECT AND LOCATION		ELEVATION (FT)		PROJECT NO.			
Delaware DOT Great Cypress Swamp Wetland Mitigation Bank				JG-1317			
DRILLING CONTRACTOR		FOREMAN		DATE FINISHED			
Walton Corporation		Andy Talley		4/14/98			
DRILLING EQUIPMENT							
Truck mounted drill rig							
TYPE BIT		SIZE & TYPE OF CORE BARREL		ROCK DEPTH			
Auger (hollow stem)		2" split spoon		15'			
CASING		WEIGHT		NO. SAMP. .			
No Casing		2" split spoon		DIST.			
CASING HAMM.		DROP		FIRST			
				9:15 AM			
SAMPLER		WEIGHT		COMPL.			
1		140 lb		5.3'			
SAMPLER HAMMER		DROP		BORING			
		30 inches		B17 (Singel)			
BLOWS		SAMPLER		LOCATION			
				Ruwan Rajapakse/Tim Burke			
ON CASING	DEPTH FT.	PENETR. RESIST. BL/6 IN.	REC. IN.	TYPE NO.	DESCRIPTION	LOG	REMARKS
	1	2	18	S1	Brown fine SAND and Silt	6"	Topsoil
	2	3	6"-2'		Black (organic) SILT, little fine Sand		
	3	7	S2		Light brown-gray m-f SAND, little Silt		
	4	9	2'-4"		Light gray fine SAND, some Clay, trace Silt		
	5	13			Light brown m-f SAND, trace Silt		Groundwater at 5.3'
	6	14					
	7	7	S3		Gray m-f SAND, little Clay, trace Silt		
	8	8	4'-6"				
	9	11			Gray m-f SAND, little Silt		
	10	17	S4				
	11	24	6'-8"				
	12	10	S5				
	13	12	8'-10"				
	14	8	S6		Gray Clayey SILT, trace fine Sand		
	15	4	10'-12"		Gray Silty CLAY		
	1	1	S7				
	2	2	20				
	3	3	12'-14"				
	4	6					
	2	2	S8		Dark gray, CLAY, little Silt		
	3	3	14'-15"				