

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

**LOG OF BORING**      B13      Qg54-05      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 4/20/98		DATE FINISHED 4/20/98
DRILLING EQUIPMENT Truck mounted drill rig			COMPLETION DEPTH      15'		ROCK DEPTH	
TYPE BIT    Auger (hollow stem)		SIZE & TYPE OF CORE BARREL		GW DATA	FIRST	COMPL.
CASING    No Casing		2" split spoon		TIME	11:15AM	HR.
CASING HAMM.	WEIGHT	DROP	WATER LEVEL (FT.)	4.5'		
SAMPLER            1			BORING			
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			Black organic SILT, compost	5"	Topsoil
1		2	12	S1	Dark brown SILT and fine Sand		
		4		5"-2'			
2		8					
		13			Brown m-f SAND, little Silt		
3		16	19	S2			
		18		2'-4'			
4		16					Groundwater at 4.5'
		6					
5		8	19	S3			
		10		4'-6'	Light gray Silty CLAY, little fine Sand		
6		13			Light gray m-f SAND, trace Silt	5'9"	
		7					
7		12		S4			
		14	17	6'-8'			
8		16					
		6					
9		12		S5			
		12		8'-10'			
10		20	24				
		2		S6			
11		6		10'-11'			
		7	17	S7	Gray Silty CLAY, some fine Sand		
12		11		11'-12'			
		7			Gray fine SAND, little Silty Clay		
13		11	14	S8			
		12		12'-14'	Light gray m-f SAND, trace Silt		
14		11					
		6	7	S9			
15		6		14'-15'			