

# LOUIS BERGER & ASSOCIATES, INC.

ENGINEERS, ECONOMISTS, PLANNERS

**LOG OF BORING**      **B28**      **Qf 55-02**      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		4/16/98		4/16/98				
DRILLING EQUIPMENT		COMPLETION DEPTH		ROCK DEPTH				
Truck mounted drill rig		15'		UNDIST.				
TYPE BIT		SIZE & TYPE OF CORE BARREL		NO. SAMP.				
Auger (hollow stem)		2" split spoon		DIST.				
CASING		WEIGHT		GW DATA				
No Casing		2" split spoon		TIME				
CASING HAMM.		DROP		WATER LEVEL (FT.)				
1		30 inches		4'				
SAMPLER		WEIGHT		BORING				
140 lb		30 inches		B28 (Single)				
SAMPLER HAMMER		DROP		LOCATION				
				Tim Burke				
BLOWS		SAMPLES		INSPECTOR				
ON CASING		DEPTH FT.	PENETR. RESIST. BL/6 IN.	REC. IN.	TYPE NO.	DESCRIPTION	LOG	REMARK
	1	1	1	17	S1	Organic SILT, roots, leaves etc.	4"	Topsoil
	2	1	1	1	4'-2'	Brown SILT and fine Sand		
	3	2	4	8	S2	Light brown fine SAND, some Silt		
	4	1	5	2	2'-4'			
	5	3	9	20	S3			
	6	9	9	4	4'-6'	Brown Silty CLAY and fine Sand		
	7	14	14	14	S4	Light brown m-f SAND, little Silt		
	8	8	16	16	6'-8'	Light gray fine Sand and Silt		
	9	10	12	8	S5	Gray m-f SAND, little Silt		
	10	14	14	14	8'-10'			
	11	3	6	14	S6			
	12	16	20	16	10'-12'			
	13	6	7	13	S7	Gray fine SAND and Silt, trace Clay		
	14	11	13	11	12'-14'			
	15	5	8	8	S8	Gray fine SAND and Silty Clay		
		8			14'-15'	Gray m-f SAND, trace Silt	14' 4"	