

# LOUIS BERGER & ASSOCIATES, INC.

ENGINEERS, ECONOMISTS, PLANNERS

## LOG OF BORING

B30

Qf54-09

SHEET 1 OF

PROJECT AND LOCATION		ELEVATION (FT)		PROJECT NO.			
Delaware DOT Great Cypress Swamp Wetland Mitigation Bank				JG-1317			
DRILLING CONTRACTOR		FOREMAN		DATE STARTED			
Walton Corporation		Andy Talley		4/21/98			
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		FIRST			
No Casing				2:30PM			
CASING HAMM.		DROP		TIME			
1				3.4'			
SAMPLER		WEIGHT		BORING			
1		140 lb		B30			
SAMPLER HAMMER		DROP		LOCATION			
		30 inches		Tim Burke			
BLOWS ON CASING	DEPTH FT.	PENETR. RESIST. BL/6 IN.	SAMPLES		DESCRIPTION	LOG	REMARKS
			REC. IN.	TYPE NO.			
	1	1	16	S1	Compost and Silt	3"	Topsoil
	2	1	3	3"-2'	Brown organic SILT and fine Sand		
	3	7	16	S2	Light brown fine SAND, some Silt		
	4	19	17	2'-4'	Light gray m-f SAND, little Silt	2'9"	Groundwater at 3.4'
	5	11	20	S3			
	6	14	17	4'-6'			
	7	17	16		Light gray fine SAND, little Silt		
	8	5	9	S4	Gray fine SAND and Silty Clay	7'8"	
	9	9	5	6'-8'	Light gray fine SAND, little Silt		
	10	5	2	S5	Gray CLAY		
	11	8	15	8'-10'	Brown Clayey SILT, trace fine Sand	10'9"	
	12	12	2	10'-12'			
	13	1	2		Gray Silty CLAY, some fine Gravel		
	14	2	3	S7			
	15	4	7	12'-14'			
		5	6	S8			
		6	9	14'-15'	Gray Silty CLAY and fine Sand	14'9"	