

# LOUIS BERGER & ASSOCIATES, INC.

ENGINEERS, ECONOMISTS, PLANNERS

## LOG OF BORING B27 Rf15-02

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		4/21/98		4/21/98		
DRILLING EQUIPMENT		COMPLETION DEPTH		ROCK DEPTH		
Truck mounted drill rig		15'				
TYPE BIT Auger (hollow stem)		NO. SAMP. -		DIST.		
Auger No Casing		2" split spoon		10:20AM		
CASING No Casing		WEIGHT		TIME		
		DROP		3'		
CASING HAMM.		WEIGHT		WATER LEVEL (FT.)		
				3'		
SAMPLER		BORING		UNDIST.		
1		B27 (Single)				
SAMPLER HAMMER		WEIGHT		LOCATION		
		140 lb		Tim Burke		
		DROP		INSPECTOR		
		30 inches		Tim Burke		
BLOWS ON CASING	DEPTH FT.	SAMPLES		DESCRIPTION	LOG	REMARKS
		PENETR. RESIST. BL/6 IN.	REC. IN. NO.			
	1	1	16	S1	4"	Topsoil
		2	4"-2'			
	2	5			1'9"	
		4				
	3	10	13	S2		
		11	2'-4'			
	4	11				
		4				
	5	6	16	S3		
		13	4'-6'			
	6	16				
		8				
	7	11	18	S4		
		15	6'-8'			
	8	16				
		2				
	9	4	14	S5		
		3	8'-10'			
	10	7				
		4				
	11	3	18	S6		
		2	10'-11"			
	12	2	11'-12"	S7		
		1				
	13	2	22	S8		
		6	12'-14'			
	14	13				
		7				
	15	12	10			

STATE OF DELAWARE  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

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

BORING NO. B # 27

RF15-02

DAILY PROGRESS NO.	SAMPLE DEPTH	BLOWS/6"	SAMPLE DESCRIPTION	CLASS/G.I.	REMARKS
4/21/98 1	0.0'	1	Wet very loose brown silty fine sand w/some coarse sand.	A-2-4 (0)	
2	2.0'	2			
5	2.0'	5			
14" Recovery					
2	2.0'	4	Wet medium dense brown fine to coarse sand w/trace of silt.	A-3 (0)	Water @ 3.0'
11		10			
11	4.0'	11			
13" Recovery					
3	4.0'	4	Wet medium dense brown fine sand w/some silt and coarse sand.	A-2-4 (0)	
6		6			
13		13			
16	6.0'	16			
16" Recovery					
4	6.0'	8	Wet medium dense gray fine sand w/some silt, trace of coarse sand.	A-2-4 (0)	
11		11			
15		15			
16	8.0'	16			
18" Recovery					
5	8.0'	2	Saturated loose gray silty fine sand w/trace of coarse sand.	A-2-4 (0)	
4		4			
3		3			
7	10.0'	7			
14" Recovery					
6	10.0'	4	Saturated loose gray silty fine sand w/some coarse sand. (10" Sample)	A-2-4 (0)	
2		2			
2	12.0'	2	Saturated soft brown fine sandy silt w/trace of coarse sand. (8" Sample)	A-4 (0)	
2		2			
18" Recovery					
8	12.0'	1	Wet loose brown fine to coarse sand w/trace of clay.	A-2-4 (0)	
2		2			
6		6			
13	14.0'	13			
23" Recovery					

BORING NO. B # 27  
SURFACE ELEV.

STATE OF DELAWARE  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

BORING NO. B # 27

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

RF 15-02

PROGRESS NO.	DAILY	SAMPLE DEPTH	BLOWS/6"	SAMPLE DESCRIPTION	CLASS/G.I.	REMARKS
9	4/21/98	14.0'	7	Wet medium dense brown fine to coarse sand	A-2-4 (0)	
		15.0'	12	w/some silt.		

11" Recovery

( END )