

**STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

F.A. Project: S.R. 26, Atlantic Avenue from Clarksville to Assawoman Canal

Boring No.: RB # 12

Contract: 24-112-10

Boring Location: Sta. 27+75, 20' Rt. C.L.

Boring Surface Elev.:

Reference:

Wt. of Casing Hammer:		Lbs.	Average Fall:		IN.
Wt. of Sample Hammer: 140		Lbs.	Average Fall: 30		IN.
Type of: D-Sampler: Split-Barrel		O.D.	O.D. of Sampler: 2		IN.
S-Sampler:		O.D.	O.D. of Samp. Tube:		IN.
U-Sampler:		O.D.	O.D. of Samp. Tube:		IN.
Core Bit:		O.D.	O.D. of Rock Core:		IN.

Casing Size: 3 1/4"	Inches	From Depth of: 0.0'	To:	6.0'
Hollow Stem Auger:		From Depth of:	To:	

Water Level Readings	Date	Time	Depth of Hole	Depth of Casing	Depth of Water	Elev. of Water
		9:00 a.m.	8.0'	6.0'	6.75'	-6.8

Pay Quantities:

2 1/2 in. Dia. Dry Sample Boring:	8.0	Ft.;	Dia. U-Sample Boring:	Ft.
No. of 2 in. Dia. Shelby Tubes:		;	No. of U-Samples:	Ft.
2 1/2 in. Dia. Contin. Sample Boring:		Ft.;	Core Drilling in Rock:	Ft.

Boring Contractor: Walton Corporation
Driller: Dave Burt
Helpers: Jason Truver & Wayne Hurd

Q:22-12

Depth (ft.)	Daily Progress	No.	Sample Depth	Blows/6"	Sample Description	Class./G.I.	Remarks
3		1	2.0'	1 2 2	Wet very loose brownish gray silty fine sand w/some coarse sand, trace of organic matter.	A-2-4(0)	
			4.0'		16" RECOVERY		
		2	4.0'	4 8 7 5	Wet medium dense gray silty fine sand w/ trace of coarse sand.	A-2-4(0)	
6			6.0'		18" RECOVERY		
		3	6.0'	2 4 3	Saturated firm gray fine sandy silt w/some coarse sand.	A-4(0)	
		4	6.8'	2	Saturated very loose gray silty fine sand w/ trace of coarse sand.	A-2-4(0)	
			7.3'	2			
			8.0'		6" RECOVERY		
9		5	8.0'	2 5 6	Saturated stiff black fine sandy silt w/some clay and organic matter, trace of coarse sand.	A-4(1)	
			9.5'		18" RECOVERY		
12							
15							
18							

Remarks:

Reviewed By: _____ **Soils Supervisor:** _____

KEY TO SYMBOLS

Symbol Description

Strata symbols



Silty sand



Silt

Notes:

1. Exploratory borings were drilled on 5-12-2006 using a 3 1/4-inch diameter hollow stem auger.
2. No free water was encountered at the time of drilling or when re-checked the following day, unless recorded on 1st page.
3. Boring locations were taped from existing features and elevations extrapolated from survey unless otherwise reported.
4. These logs are subject to the limitations, conclusions, and recommendations in this report.
5. Results of tests conducted on samples recovered are reported on the logs.