

**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 # 73

Contract: 24-112-10

Boring Location: Sta. 167+00, 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		Depth of Hole	Depth of Casing	Depth of Water	Elev. of Water
Date 5/17/2006	Time 1:00 p.m.	6.0'	4.0'	5.75'	-5.8

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

Boring Contractor: Walton Corporation
Driller: Dave Burt
Helpers: Jim Deal & Wayne Hurd

Q: 35-37

Depth (ft.)	Daily Progress	No.	Sample Depth	Blows/6"	Sample Description	Class./G.I.	Remarks
3		1	2.0'	3 4 5	Wet loose brown silty fine sand w/some coarse sand, trace of gravel and organic matter. 20" RECOVERY	A-2-4(0)	
		2	4.0'	2 3 4	Wet soft brown fine sandy silt w/some clay, trace of coarse sand. 20" RECOVERY	A-4(0)	
6		3	6.0'	2 3 4	Saturated firm grayish brown silt w/some fine sand, trace of coarse sand and clay. 20" RECOVERY	A-4(0)	
		4	8.0'	2 3 4	Saturated firm grayish brown silty fine sandy clay w/trace of coarse sand. 20" RECOVERY	A-6(5)	
9			10.0'				
12							
15							
18							

Remarks:

Reviewed By:

Soils Supervisor:

KEY TO SYMBOLS

Symbol Description

Strata symbols



Silty sand



Silt



Low plasticity
clay

Notes:

1. Exploratory borings were drilled on 5-17-2006 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