

**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 # 66

Contract: 24-112-10

Boring Location: Sta. 145+90, 20' Rt. C.L.

Boring Surface Elev.:

Reference:

Wt. of Casing Hammer:
Wt. of Sample Hammer: 140
Type of: D-Sampler: Split-Barrel
S-Sampler:
U-Sampler:
Core Bit:

Lbs.
Lbs.
O.D.
O.D.
O.D.
O.D.

Average Fall:
Average Fall: 30
O.D. of Sampler: 2
O.D. of Samp. Tube:
O.D. of Samp. Tube:
O.D. of Rock Core:

IN.
IN.
IN.
IN.
IN.

Casing Size: 3 1/4"
Hollow Stem Auger:

Inches

From Depth of: 0.0' **To:** 6.0'
From Depth of: **To:**

Water Level Readings

Date	Time	Depth of Hole	Depth of Casing	Depth of Water	Elev. of Water
5/17/2006	9:00 a.m.	6.0'	4.0'	5.75'	-5.8

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

Depth (ft.)	Daily Progress	No.	Sample Depth	Blows/6"	Sample Description	Class./G.I.	Remarks
3		1	2.0'	2 4 6 4	Moist loose brown silty fine sand w/some coarse sand.	A-2-4(0)	
		2	3.3' 4.0'	3 5	Moist loose brown fine to coarse sand w/ some silt.	A-2-4(0)	
		2A	4.0'	3 3	12" RECOVERY	A-6(7)	
			5.3'		Wet firm multicolored silty fine sandy clay w/trace of coarse sand.		
6			6.0'		10" RECOVERY 10" RECOVERY		
		3	6.0'	3 5 7	Saturated stiff multicolored silty fine sandy clay.	A-6(9)	
			8.0'		16" RECOVERY		
9		4	8.0'	3 7 10	Saturated stiff grayish red clayey fine sandy silt.	A-4(4)	
			10.0'		24" RECOVERY		
12							
15							
18							

Remarks:

Reviewed By:

Soils Supervisor:

KEY TO SYMBOLS

Symbol Description

Strata symbols



Silty sand



Sand



Low plasticity
clay



Silt

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