

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

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

Boring No.: IB # 78

Contract: 24-112-10

Boring Location: Sta. 176+30, 165' Lt. C.L.

Boring Surface Elev.: +7.75'

Reference: Survey

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:	3.5'
Hollow Stem Auger:		From Depth of:	To:	

Water Level Readings	Date	Time	Depth of Hole	Depth of Casing	Depth of Water	Elev. of Water
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Pay Quantities:					
2 1/2 in. Dia. Dry Sample Boring:	5.0	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:		

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

Q:35-42

Depth (ft.)	Daily Progress	No.	Sample Depth	Blows/6"	Sample Description	Class./G.I.	Remarks
3		1	2.0'	17 31 40 18	Wet very dense grayish brown silty fine sand w/some coarse sand, trace of gravel.	A-2-4(0)	
		2	3.5' 4.0'	20 13 15	Wet very stiff grayish brown fine sandy silt w/some coarse sand, trace of gravel. 18" RECOVERY 18" RECOVERY	A-4(0)	
6		3	5.0' 6.5'	8 8 6	Wet medium dense brown silty fine sand w/ some coarse sand, trace of gravel. 18" RECOVERY	A-2-4(0)	
9							
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 5-11-2006 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