

**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 # 32

Contract: 24-112-10

Boring Location: Sta. 58+45, 100' Lt. C.L.

Boring Surface Elev.: +11.5'

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: **Ft.;** **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

0:22-32

Depth (ft.)	Daily Progress	No.	Sample Depth	Blows/6"	Sample Description	Class./G.I.	Remarks
3		1	2.0'	1 5 4 5	Moist loose brown silty coarse to fine sand.	A-1-b	
		2	3.5' 4.0'	2 3 3	Wet loose brown coarse to fine sand w/ trace of clay and gravel. 20" RECOVERY 18" RECOVERY	A-2-4(0)	
6		3	5.0' 6.5'	3 4 7	Saturated stiff brown clayey fine sandy silt w/trace of coarse sand. 18" RECOVERY	A-4(2)	
9							
12							
15							
18							

Remarks:

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

KEY TO SYMBOLS

Symbol Description

Strata symbols



Silty sand



Sand



Silt

Notes:

1. Exploratory borings were drilled on 5-4-2006 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.