

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

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

**Boring No.:** SB # 59

**Contract:** 24-112-10

**Boring Location:** Sta. 117+50

**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:	34.0'
	Hollow Stem Auger:		From Depth of:		To:	

Water Level Readings	Date	Time	Depth of Hole	Depth of Casing	Depth of Water	Elev. of Water
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Pay Quantities:		Ft.;	Dia. U-Sample Boring:	Ft.
2 1/2 in. Dia. Dry Sample Boring:	35.5	;	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

034-62

Depth (ft.)	Daily Progress	No.	Sample Depth	Blows/6"	Sample Description	Class./G.I.	Remarks
		1	3.0'	12 12 8	Moist medium dense brown fine sand w/ some coarse sand and silt, trace of gravel. 16" RECOVERY	A-2-4(0)	
			4.5'				
6		2	5.5'	WH 2 1	No Sieve Analysis 8" RECOVERY		Wood in spoon tip.
			7.0'				
9					No Sieve Analysis 1" RECOVERY		Wood in spoon tip.
		3	10.5'	2 2 2			
12			12.0'				
15					Saturated very loose brown fine sand w/ some silt and coarse sand, trace of gravel. 16" RECOVERY	A-2-4(0)	
		4	15.5'	2 2 2			
18			17.0'				

**Remarks:**

**Reviewed By:**

**Soils Supervisor:**

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Depth (ft.)	Daily Progress	No.	Sample Depth	Blows/6"	Sample Description	Class./G.I.	Remarks
21		5	20.5' 22.0'	2 2 2	Saturated very loose brown coarse to fine sand w/trace of silt and gravel. 16" RECOVERY	A-1-b	
24							
27		6	25.5' 27.0'	2 3 4	Saturated loose brown fine sand w/some silt and coarse sand, trace of gravel. 18" RECOVERY	A-2-4(0)	
30							
33		7	30.5' 32.0'	4 2 3	Saturated loose gray fine sand w/some silt, trace of coarse sand. 18" RECOVERY	A-2-4(0)	
36							
39		8	35.5' 37.0'	4 4 4	Saturated loose gray fine to coarse sand w/some silt, trace of gravel. 18" RECOVERY	A-2-4(0)	
42							
45							

# KEY TO SYMBOLS

Symbol Description

## Strata symbols



Sand



Organics

## Notes:

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