

**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 # 57

Contract: 24-112-10

Boring Location: Sta. 116+65, 45' 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:	34.0'
Hollow Stem Auger:		From Depth of:	To:	

Water Level Readings		Depth of Hole	Depth of Casing	Depth of Water	Elev. of Water
Date 5/9/2006	Time 9:00 a.m.	5.5'	4.0'	4.0'	-4.0

Pay Quantities:

2 1/2 in. Dia. Dry Sample Boring:	35.5'	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

Q:34-60

Depth (ft.)	Daily Progress	No.	Sample Depth	Blows/6"	Sample Description	Class./G.I.	Remarks
3		1	2.0'	2 3 3	Wet loose brown silty fine to coarse sand w/trace of gravel.	A-2-4(0)	
			4.0'		20" RECOVERY		
6		2	5.5'	WH 2 2	Saturated very loose gray fine to coarse sand w/trace of silt.	A-3	
			7.0'		10" RECOVERY		
9							
12		3	10.5'	1 1 2	Saturated very loose brown fine to coarse sand w/some silt, trace of gravel.	A-2-4(0)	
			12.0'		16" RECOVERY		
15							
		4	15.5'	2 1 2	Saturated very loose brown fine sand w/ some silt and coarse sand, trace of gravel.	A-2-4(0)	
			17.0'		16" RECOVERY		
18							

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'	3 2 3	Saturated loose brown fine to coarse sand w/some silt, trace of gravel. 18" RECOVERY	A-2-4(0)	
24							
27		6	25.5' 27.0'	2 3 3	Saturated loose brown fine to coarse sand w/some silt. 18" RECOVERY	A-2-4(0)	
30							
33		7	30.5' 32.0'	2 3 3	Saturated loose brown fine sand w/some silt and coarse sand, trace of gravel. 18" RECOVERY	A-2-4(0)	
36							
39		8	35.5' 37.0'	2 2 2 5	Saturated loose brown 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



Silty sand



Sand

Notes:

1. Exploratory borings were drilled on 5-9-2006 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.