

**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 # 72

Contract: 24-112-10

Boring Location: Sta. 163+00, 6' Lt. C.L.

Boring Surface Elev.: + 4.8'

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:	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 5/16/2006	Time 9:00 a.m.	10.5'	9.0'	4.8'	

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: Jim Deal & Wayne Hurd

Q:35-36

Depth (ft.)	Daily Progress	No.	Sample Depth	Blows/6"	Sample Description	Class./G.I.	Remarks
		1	3.0'	4 6 5	Wet medium dense brown silty fine sand w/ some coarse sand, trace of gravel and organic matter. 12" RECOVERY	A-2-4(0)	
			4.5'				
6		2	5.5'	2 5 4	Wet loose brown fine sand w/some coarse sand, trace of silt. 12" RECOVERY	A-3	
			7.0'				
9							
		3	10.5'	4 7 3	Wet stiff gray fine sandy silt w/trace of coarse sand. 6" RECOVERY	A-4(0)	
12			12.0'				
15							
		4	15.5'	2 2 3	Wet firm gray fine sandy silt w/trace of coarse sand and clay. 16" RECOVERY	A-4(0)	
			17.0'				
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'	1 2 2	Wet very loose gray silty fine sand w/some coarse sand, trace of gravel. 16" RECOVERY	A-2-4(0)	
			22.0'				
24							
27		6	25.5'	1 1 2	Wet very loose gray fine to coarse sand w/ some silt, trace of gravel. 12" RECOVERY	A-2-4(0)	
			27.0'				
30							
33		7	30.5'	6 3 3	Wet loose gray coarse to fine sand w/trace of silt and gravel. 12" RECOVERY	A-1-b	
			32.0'				
36		8	35.5'	5 2 2	Wet very loose gray coarse sand w/some gravel and fine sand, trace of silt. 12" RECOVERY	A-1-b	
			37.0'				
39							
42							
45							

KEY TO SYMBOLS

Symbol Description

Strata symbols



Silty sand



Sand



Silt

Notes:

1. Exploratory borings were drilled on 5-16-2006 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