

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

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

Boring No.: PB # 54

Contract: 24-112-10

Boring Location: Sta. 115+50, 335' Rt. C.L.

Boring Surface Elev.: + 8.1'

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: 18.0'
Hollow Stem Auger:		From Depth of:	To:

Water Level Readings	Date	Time	Depth of Hole	Depth of Casing	Depth of Water	Elev. of Water
	5/8/2006	12:00 p.m.	8.0'	6.0'	5.0'	

Pay Quantities:					
2 1/2 in. Dia. Dry Sample Boring:	20.0	Ft.;		Dia. U-Sample Boring:	Ft.
No. of 2 in. Dia. Shelby Tubes:		;		No. of	
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

Q134-57

Depth (ft.)	Daily Progress	No.	Sample Depth	Blows/6"	Sample Description	Class./G.I.	Remarks
3		1	2.0'	1 2 3 3	Wet loose gray silty fine sand w/some coarse sand.	A-2-4(0)	
			4.0'		20" RECOVERY		
		2	4.0'	3 3 3 6	Wet loose brownish gray silty fine sand w/ trace of coarse sand.	A-2-4(0)	
			6.0'		24" RECOVERY		
6		3	6.0'	4 5 5 3	Saturated loose brown fine to coarse sand w/trace of silt.	A-3	
			8.0'		20" RECOVERY		
		4	8.0'	4 3 4 4	Saturated loose brown fine sand w/some silt, trace of coarse sand.	A-2-4(0)	
9			10.0'		20" RECOVERY		
		5	10.0'	1 1 3 4	Saturated very loose brown silty fine sand w/some coarse sand.	A-2-4(0)	
			12.0'		22" RECOVERY		
		6	12.0'	2 3 5 7	Saturated loose brown fine sand w/some silt and coarse sand, trace of gravel.	A-2-4(0)	
			14.0'		20" RECOVERY		
		7	14.0'	4 4 5 6	Saturated loose brown fine to coarse sand w/some silt, trace of gravel.	A-2-4(0)	
15			16.0'		22" RECOVERY		
		8	16.0'	5 3 3 5	Saturated loose brown fine sand w/some coarse sand and silt, trace of gravel.	A-2-4(0)	
			18.0'		22" RECOVERY		

Remarks:

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

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

F.A. Project: S.R. 26, Atlantic Avenue from Clarksville to Assawoman Canal
Contract: 24-112-10

Boring No.: PB # 54

Depth (ft.)	Daily Progress	No.	Sample Depth	Blows/6"	Sample Description	Class./G.I.	Remarks
		9	18.0'	1 3 7 10	Saturated loose brown fine to coarse sand w/some silt, trace of gravel.	A-2-4(0)	
			20.0'		22" RECOVERY		
21		10	20.0'	3 6 9 12	Saturated medium dense brown coarse to fine sand w/trace of silt and gravel.	A-1-b	
			22.0'		20" RECOVERY		
24							
27							
30							
33							
36							
39							
42							
45							

KEY TO SYMBOLS

Symbol Description

Strata symbols



Silty sand



Sand

Notes:

1. Exploratory borings were drilled on 5-8-2006 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.