

**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 #31

Contract: 24-112-10

Boring Location: Sta. 58+20, 50' Lt. C.L.

Boring Surface Elev.: +12.0'

Reference: Survey

Wt. of Casing Hammer:
Wt. of Sample Hammer: 140
Type of: D-Sampler: Split-Barrel
S-Sampler:
U-Sampler:
Core Bit:

Lbs.
Lbs.
O.D.
O.D.
O.D.
O.D.

Average Fall:
Average Fall: 30
O.D. of Sampler: 2
O.D. of Samp. Tube:
O.D. of Samp. Tube:
O.D. of Rock Core:

IN.
IN.
IN.
IN.
IN.
IN.

Casing Size: 3 1/4"
Hollow Stem Auger:

Inches

From Depth of: 0.0' **To:**
From Depth of: **To:** 10.0'

Water Level Readings
Date

Time

Depth of Hole

Depth of Casing

Depth of Water

Elev. of Water

Pay Quantities:

2 1/2 in. Dia. Dry Sample Boring: 12.0
No. of 2 in. Dia. Shelby Tubes:
2 1/2 in. Dia. Contin. Sample Boring:

Ft.;
;
Ft.;

Dia. U-Sample Boring:
No. of: **U-Samples:**
Core Drilling in Rock:

Ft.
Ft.
Ft.

Boring Contractor: Walton Corporation

Driller: Dave Burt

Helpers: Jason Truver & Wayne Hurd

Q:22-31

Depth (ft.)	Daily Progress	No.	Sample Depth	Blows/6"	Sample Description	Class./G.I.	Remarks	
3		1	2.0'	2 5 4 3	Moist loose brown silty fine sand w/some coarse sand.	A-2-4(0)		
		2	3.5'	2				
6		2A	4.0'	3	Moist loose brown silty fine sand w/some coarse sand.	A-2-4(0)		
			4.0'	4				
			4.5'		20" RECOVERY		A-6(3)	
			5.0'		Wet firm brownish gray silty fine sandy clay w/trace of coarse sand.			
				3	6.0'	2 3 5 5	6" RECOVERY 16" RECOVERY	
9			8.0'		Saturated firm brownish gray silty fine sandy clay w/trace of coarse sand.			
					22" RECOVERY			
			8.0'	6 7 8 7	Saturated medium dense brown silty fine sand w/trace of coarse sand.		A-2-4(0)	
			8.8'	1	Saturated soft brownish gray fine sandy silt w/trace of coarse sand.		A-4(0)	
12			9.6'	1				
			10.0'					
		5A	10.0'	1 2	10" RECOVERY 22" RECOVERY		A-2-4(0)	
15			11.0'		Saturated very loose brown silty fine sand.			
					12" RECOVERY			
18		6	12.0'	1 2 4 4	Saturated loose brown silty fine sand w/ trace of coarse sand.		A-2-4(0)	
			14.0'		22" RECOVERY			

Remarks:

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

KEY TO SYMBOLS

Symbol Description

Strata symbols



Silty sand



Low plasticity
clay



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.