

**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 Location: Sta. 369+50, 30' Rt. - Powell Farm Road

Boring No.: RB # 6

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:** 6.0'
Hollow Stem Auger: **From Depth of:** **To:**

Water Level Readings
Date **Time** **Depth of Hole** **Depth of Casing** **Depth of Water** **Elev. of Water**

Pay Quantities:
 2 1/2 in. Dia. Dry Sample Boring: 8.0 **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

Q32-27

Depth (ft.)	Daily Progress	No.	Sample Depth	Blows/6"	Sample Description	Class./G.I.	Remarks
3		1	2.0'	4 3 2 2	Wet loose brown silty fine to coarse sand w/trace of gravel.	A-2-4(0)	
			4.0'		22" RECOVERY		
		2	4.0'	1 1 1 1	Saturated soft brown fine sandy silt w/some coarse sand and clay, trace of gravel.	A-4(0)	
6			6.0'		8" RECOVERY		
		3	6.0'	WR 1 4 5	Saturated loose brown silty fine sand w/ trace of coarse sand.	A-2-4(0)	
			8.0'		10" RECOVERY		
9		4	8.0'	5 5 6 10	Saturated medium dense brown fine sand w/some silt, trace of coarse sand.	A-2-4(0)	
			10.0'		18" RECOVERY		
12							
15							
18							

Remarks:

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

KEY TO SYMBOLS

Symbol Description

Strata symbols



Silty sand



Silt



Sand

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.