

**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 # 17

**Contract:** 24-112-10

**Boring Location:** Sta. 31+75, 15' Rt. C.L.

**Boring Surface Elev.:**

**Reference:**

**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'  
**From Depth of:**

**To:**  
**To:**

6.0'

**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: 8.0  
No. of 2 in. Dia. Shelby Tubes:  
2 1/2 in. Dia. Contin. Sample Boring:

**Ft.;**  
**;**  
**Ft.;**

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

**Ft.**  
**Ft.**

**Boring Contractor:** Walton Corporation

**Driller:** Dave Burt

**Helpers:** Jim Deal & Wayne Hurd

Q122-17

Depth (ft.)	Daily Progress	No.	Sample Depth	Blows/6"	Sample Description	Class./G.I.	Remarks
3		1	2.0'	1 2 2	Moist very loose brown fine sand w/some coarse sand, trace of silt.	A-3	
			4.0'		20" RECOVERY		
		2	4.0'	2 2 3 4	Moist loose brown fine to coarse sand w/ trace of silt.	A-3	
6		3	5.0'	2 5	Wet loose brown fine sand w/some coarse sand and silt.	A-2-4(0)	
		3A	6.0'	3 4	24" RECOVERY		
			7.0'		Wet firm brownish gray clayey fine sandy silt w/trace of coarse sand and gravel.	A-4(1)	
			8.0'		12" RECOVERY 12" RECOVERY		
9		4	8.0'	5 6 7 10	Saturated stiff brownish gray silty clay w/ some fine sand, trace of coarse sand.	A-6(9)	
			10.0'		22" RECOVERY		
12							
15							
18							

**Remarks:**

**Reviewed By:** \_\_\_\_\_

**Soils Supervisor:** \_\_\_\_\_

# KEY TO SYMBOLS

Symbol Description

## Strata symbols



Sand



Silt



Low plasticity  
clay

## 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.