

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

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

**Boring No.:** SB # 70

**Contract:** 24-112-10

**Boring Location:** Sta. 162+80, 30' Rt. C.L.

**Boring Surface Elev.:**

**Reference:**

<b>Wt. of Casing Hammer:</b>		<b>Lbs.</b>	<b>Average Fall:</b>		<b>IN.</b>
<b>Wt. of Sample Hammer:</b> 140		<b>Lbs.</b>	<b>Average Fall:</b> 30		<b>IN.</b>
<b>Type of:</b> D-Sampler: Split-Barrel		<b>O.D.</b>	<b>O.D. of Sampler:</b> 2		<b>IN.</b>
S-Sampler:		<b>O.D.</b>	<b>O.D. of Samp. Tube:</b>		<b>IN.</b>
U-Sampler:		<b>O.D.</b>	<b>O.D. of Samp. Tube:</b>		<b>IN.</b>
Core Bit:		<b>O.D.</b>	<b>O.D. of Rock Core:</b>		<b>IN.</b>

<b>Casing Size:</b> 3 1/4"	<b>Inches</b>	<b>From Depth of:</b> 0.0'	<b>To:</b> 34.0'
Hollow Stem Auger:		<b>From Depth of:</b>	<b>To:</b>

<b>Water Level Readings</b>	<b>Date</b>	<b>Time</b>	<b>Depth of Hole</b>	<b>Depth of Casing</b>	<b>Depth of Water</b>	<b>Elev. of Water</b>
	5/16/2006	9:00 a.m.	5.5'	4.0'	3.7'	-3.7

**Pay Quantities:**

2 1/2 in. Dia. Dry Sample Boring:	35.5	<b>Ft.;</b>	<b>Dia. U-Sample Boring:</b>	<b>Ft.</b>
No. of 2 in. Dia. Shelby Tubes:		<b>;</b>	<b>No. of U-Samples:</b>	
2 1/2 in. Dia. Contin. Sample Boring:		<b>Ft.;</b>	<b>Core Drilling in Rock:</b>	<b>Ft.</b>

**Boring Contractor:** Walton Corporation  
**Driller:** Dave Burt  
**Helpers:** Jason Truver & Wayne Hurd

Q:35-34

Depth (ft.)	Daily Progress	No.	Sample Depth	Blows/6"	Sample Description	Class./G.I.	Remarks
3		1	1.5' 3.0'	1 2	Saturated very loose brown fine to coarse sand w/some silt, gravel and organic matter. 10" RECOVERY	A-2-4(0)	
6		2	5.5' 7.0'	1 1	Saturated very loose brown organic fine sand w/some silt and coarse sand. 14" RECOVERY	A-2-4(0)	
9							
12		3	10.5' 12.0'	3 3 3	Saturated loose brownish gray coarse to fine sand w/some silt, trace of gravel. 12" RECOVERY	A-1-b	
15							
		4	15.5' 17.0'	5 3 5	Saturated loose gray coarse to fine sand w/ trace of gravel and silt. 16" RECOVERY	A-1-b	

**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.:** SB # 70

Depth (ft.)	Daily Progress	No.	Sample Depth	Blows/6"	Sample Description	Class./G.I.	Remarks
18							
21		5	20.5' 22.0'	8 6 8	Saturated medium dense gray fine to coarse sand w/some silt, trace of gravel. 12" RECOVERY	A-2-4(0)	
24							
27		6	25.5' 27.0'	4 5 5	Saturated loose gray fine to coarse sand w/ trace of silt and gravel. 12" RECOVERY	A-3	
30							
33		7	30.5' 32.0'	4 5 5	Saturated loose gray coarse to fine sand w/ trace of silt and gravel. 6" RECOVERY	A-1-b	
36		8	35.5' 37.0'	3 3 7	Saturated loose gray coarse to fine sand w/ some gravel, trace of silt. 6" RECOVERY	A-1-b	
39							
42							