

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

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

Boring No.: IB # 52

Contract: 24-112-10

Boring Location: Sta. 113+50, 255' Rt. C.L.

Boring Surface Elev.: + 8.1'

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.

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

Inches

From Depth of: 0.0'

To:

3.5'

Water Level Readings

Date
5/5/2006

Time
9:00 a.m.

Depth of Hole
5.0

Depth of Casing
3.5

Depth of Water
4.0

Elev. of Water

Pay Quantities:

2 1/2 in. Dia. Dry Sample Boring: 5.0
No. of 2 in. Dia. Shelby Tubes:
2 1/2 in. Dia. Contin. Sample Boring:

Ft.;
Ft.;

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

Ft.
Ft.

Boring Contractor: Walton Corporation

Driller: Dave Burt

Helpers: Jason Truver & Wayne Hurd

0134-55

Depth (ft.)	Daily Progress	No.	Sample Depth	Blows/6"	Sample Description	Class./G.I.	Remarks
3		1	2.0'	2 3 4 3	Wet loose brown fine sand w/some silt and coarse sand, trace of organic matter.	A-2-4(0)	
		2	3.5' 4.0'	3 3 3	Wet loose gray silty fine sand w/trace of coarse sand and organic matter. 20" RECOVERY 16" RECOVERY	A-2-4(0)	
6		3	5.0' 6.5'	2 2 2	Wet very loose gray silty fine sand w/trace of coarse sand. 16" RECOVERY	A-2-4(0)	
9							
12							
15							
18							

Remarks:

Reviewed By: _____

Soils Supervisor: _____

KEY TO SYMBOLS

Symbol Description

Strata symbols



Sand



Silty sand

Notes:

1. Exploratory borings were drilled on @BDATE using a 4-inch diameter continuous flight power auger.
2. No free water was encountered at the time of drilling or when re-checked the following day.
3. Boring locations were taped from existing features and elevations extrapolated from the final design schematic plan.
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.