STATE OF VERMONT
AGENCY OF TRANSPORTATION
CONSTRUCTION AND
MATERIALS BUREAU
CENTRAL LABORATORY

BORING LOG

CAVENDISH-WEATHERSFIELD
ER STP 0146(14)
VT-131 ROADWAY

Boring No.: **B-150**
Page No.: 1 of 1
Pin No.: 12C226
Checked By: MRG

Boring Crew: GARROW, JUDKINS, HULBERT
Date Started: 7/09/15 Date Finished: 7/09/15
VTSPG NAD83: N 322183.80 ft E 1609402.00 ft
Station: 86+77 Offset: -11.40
Ground Elevation: 927.0 FT

	Casing	Sampler
Type:	WB	SS
I.D.:	4 in	1.5 in
Hammer Wt:	N.A.	140 lb.
Hammer Fall:	N.A.	30 in.
Hammer/Rod Type:	Auto/AWJ	
Rig:	CME 45C TRACK	C_e = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
07/09/15	13.0	Taken after drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.5 ft					
		A-1-b, GrSa, Dk/brn, Moist, Rec. = 1.5 ft	5-5-5-5 (10)	10.3	30.7	55.8	13.5
		A-1-b, SaGr, brn, Moist, Rec. = 0.6 ft, Lab Note: Broken Rock was within sample.	4-15-13-3 (28)	0.6	45.9	44.6	9.5
5		Field Note:, No Recovery	31-R@1" (R)				
		Field Note:, Possible Cobbles or Boulder. NXDC, cleaned out casing.					
		A-1-a, Gr, blk, Moist, Rec. = 0.4 ft, Lab Note: Broken Rock was within sample. NXDC, cleaned out casing.	14-4-23-8 (27)	7.8	77.7	18.7	3.6
10		A-1-b, SaGr, Dk/brn, MTW, Rec. = 0.4 ft	6-6-12-12 (18)	14.7	45.8	41.1	13.1
		Visual Description:, SaGr, brn, Moist, Rec. = 0.2 ft, NXDC, cleaned out casing.	6-12-8-13 (20)	9.3			
		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft	4-5-5-5 (10)	27.9	2.0	67.9	30.1
15		Field Note:, No Recovery	6-5-7-6 (12)				
		A-2-4, SiSa, brn, MTW, Rec. = 0.8 ft	4-2-5-3 (7)	29.9	1.2	71.2	27.6
		A-4, SiSa, brn, Moist, Rec. = 0.9 ft	4-2-7-8 (9)	25.3	0.6	63.6	35.8
20							
		A-4, SiSa, brn, MTW, Rec. = 0.2 ft	4-4-7-6 (11)	26.3	9.1	54.3	36.6
25							
		A-4, SiSa, brn, MTW, Rec. = 0.9 ft	3-3-7-7 (10)	29.2	0.7	44.0	55.3
30							
		A-4, SiSa, brn, MTW, Rec. = 0.8 ft	2-4-4-5 (8)	33.7	0.2	53.3	46.5
35		Hole stopped @ 35.0 ft					

Remarks:
Hole Collapsed at 16.6 feet.

Notes:
1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. N Values have not been corrected for hammer energy. C_e is the hammer energy correction factor.
3. Water level readings have been made at times and under conditions stated. Fluctuations may occur due to other factors than those present at the time measurements were made.

BORING LOG 2 CAVENDISH-WEATHERSFIELD ER STP0146(14).GPJ VERMONT AOT.GDT 8/3/15