



STATE OF VERMONT
 AGENCY OF TRANSPORTATION
 MATERIALS & RESEARCH SECTION
 SUBSURFACE INFORMATION

BORING LOG

HALIFAX
 STP 013-1(19)
 VT-112 BR- 3&9

Boring No.: **B-501B**

Page No.: 1 of 1

Pin No.: 12B522

Checked By: TDE

Boring Crew: DAIGNEAULT, JUDKINS

Date Started: 10/14/13 Date Finished: 10/14/13

VTSPG NAD83: N 98020.94 ft E 1560362.78 ft

Station: 73+32 Offset: -17.90

Ground Elevation: 1146.19 ft

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 SKID C_r = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
10/14/13	8.2	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.48 ft					
		A-1-b, GrSa, brn, Moist, Rec. = 0.6 ft	12-15-10-14 (25)	11.1	34.1	50.2	15.7
5		Visual Description:, Broken Rock with sand, brn, Moist, Rec. = 0.5 ft, Cleaned out hole with roller cone.	12-10-10-10 (20)	8.5			
		A-2-4, GrSa, brn, Moist, Rec. = 0.7 ft, Cleaned out hole with roller cone.	5-4-6-5 (10)	15.6	25.2	58.4	16.4
		A-1-b, GrSa, brn, MTW, Rec. = 0.8 ft, Cleaned out hole with roller cone.	5-3-2-2 (5)	13.9	38.8	50.0	11.2
10		Visual Description:, GrSa, brn, Wet, Rec. = 0.2 ft, Insufficient sample for testing.	2-1-WH-4 (1)				
		A-1-b, SaGr, Dk/brn, Moist, Rec. = 0.9 ft, Cleaned out hole with roller cone.	8-7-11-19 (18)	10.9	46.1	42.8	11.1
15		Visual Description:, Broken Rock with sand, Dk/brn, MTW, Rec. = 0.5 ft, Cleaned out hole with roller cone.	18-18-40-29 (58)				
		A-2-4, SiGrSa, Lt/brn, Moist, Rec. = 0.8 ft, Cleaned out hole with roller cone.	15-30-R@2.5" (R)	12.3	26.6	48.6	24.8
		A-2-4, SiGrSa, Lt/brn, Moist, Rec. = 1.1 ft, Cleaned out hole with roller cone.	19-31-38-R@1.0" (69)	13.6	23.3	54.3	22.4
20		A-2-4, SiGrSa, Lt/brn, Moist, Rec. = 0.7 ft	25-R@5.0" (R)	14.5	29.5	49.5	21.0
		A-1-b, SaGr, brn, Moist, Rec. = 0.6 ft	41-R@5.0" (R)	10.0	44.5	41.2	14.3
		A-1-b, GrSa, brn, Moist, Rec. = 0.6 ft	32-R@5.0" (R)	12.6	29.6	50.8	19.6
25		Hole stopped @ 23.9 ft					
		Remarks: 1. Hole collapsed at 10.0 ft.					

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 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 HALIFAX STP 013-1(19).GPJ VERMONT AOT.GDT 11/25/13