



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-102
 Page No.: 1 of 1
 Pin No.: 12B522
 Checked By: TDE

Boring Crew: DAIGNEAULT, JUDKINS
 Date Started: 9/09/13 Date Finished: 9/09/13
 VTSPG NAD83: N 91117.22 ft E 1572743.36 ft
 Station: 24+79 Offset: 19.00
 Ground Elevation: 907.0 ft

Casing Type: WB Sampler: 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_s = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
		No water to depth.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
2.5		A-1-b, GrSa, brn, Moist, Rec. = 1.2 ft				6-15-10-10 (25)	7.1	26.1	59.1	14.8
		A-1-b, GrSa, brn, Moist, Rec. = 1.1 ft, Broken Rock was within sample. Cleaned out hole with roller cone.				6-10-6-12 (16)	7.3	36.8	48.0	15.2
5.0		A-4, GrSiSa, Dk/brn, Moist, Rec. = 0.4 ft, Broken Rock was within sample. Field Note:, NXDC, Possible Cobbles or Boulders				12-R@2.5"	27.2	20.6	42.7	36.7
7.5		Field Note:, Sudden drop. Possible void., Cleaned out hole with NXDC.				R@0.0"				
10.0		8.9 ft - 10.2 ft, Dark gray, Biotite-muscovite-quartz Schist, Moderately hard, Unweathered, Good rock, NXDC, RMR = 72	1 (80)	64 (64)						Top of Bedrock @ 8.9 ft
12.5		10.2 ft - 15.2 ft, Dark gray, Biotite-muscovite-quartz Schist, Moderately hard, Unweathered, Good rock, BXGDC, RMR = 76	2 (80)	100 (80)	5					
15.0					4					
					4					
					4					
					4					
17.5		Hole stopped @ 15.2 ft								
20.0		Remarks: 1. Hole collapsed at 8.5 ft. 2. NXDC signifies 2.15" diameter core barrel.								
22.5										

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).GFI VERMONT AOT.GDT 11/25/13