



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

BORING LOG

HUNTINGTON
 BF 0211(32)
 TH-1 BR-8

Boring No.: **B-103**

Page No.: 1 of 1

Pin No.: 13J080

Checked By: MLM

Boring Crew: DAIGNEAULT, JUDKINS
 Date Started: 9/04/14 Date Finished: 9/04/14
 VTSPG NAD83: N 643015.89 ft E 1520099.77 ft
 Station: 12+89 Offset: 0.90
 Ground Elevation: 795.8 ft

Casing: 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 = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
09/04/14	6.1	After drilling.

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 %
		Asphalt Pavement, 0.0 ft - 0.77 ft								
5		A-1-b, SaGr, brn, Moist, Rec. = 1.2 ft				11-10-7-5 (17)	7.5	45.8	42.2	12.0
		A-1-b, SiGrSa, brn, Moist, Rec. = 1.1 ft				4-2-3-4 (5)	15.9	35.4	43.8	20.8
		A-1-b, GrSa, brn, Moist, Rec. = 0.7 ft				3-2-3-2 (5)	11.1	45.3	46.4	8.3
		A-1-b, Sa, brn, Moist, Rec. = 0.2 ft				3-3-3-4 (6)	10.8	18.5	65.4	16.1
		A-1-b, GrSa, brn, Moist, Rec. = 0.5 ft				5-4-3-3 (7)	6.5	35.4	52.7	11.9
		A-1-b, GrSa, brn, Moist, Rec. = 0.6 ft				3-2-2-3 (4)	14.3	36.1	46.6	17.3
15		A-4, SiSa, gry, Moist, Rec. = 0.1 ft	1 (50)	78 (78)	5	R@1.0"	12.0	15.3	48.6	36.1
		13.1 ft - 18.1 ft, Gray, Muscovite-chlorite-biotite-feldspar-quartz Metagraywacke, and schist with lenses of quartz. Hard, Unweathered, Very good rock, NXMDC, RMR = 81				Top of Bedrock @ 13.1 ft				
20		18.1 ft - 23.1 ft, Gray, Muscovite-chlorite-biotite-feldspar-quartz Metagraywacke, and schist with lenses of quartz. Hard, Unweathered, Very good rock, NXMDC, RMR = 84	2 (50)	94 (94)	5					
						6				
						5				
						5				
25		Hole stopped @ 23.1 ft								
		Remarks: 1. Hole collapsed at 8.2 ft. 2. Offsets were taken from the proposed centerline, not existing.								

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 HUNTINGTON BF 0211(32).GPJ VERMONT AOT.GDT 9/11/14