



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

BORING LOG

Moretown
 BF 0167(16)
 VT-100 Bridge 2

Boring No.: **B-103**

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Pin No.: 16b010

Checked By: SPM

Boring Crew: Gonyaw, Judkins, Olden
 Date Started: 10/04/17 Date Finished: 10/05/17
 VTSPG NAD83: N 636354.94 ft E 1569716.74 ft
 Station: 67+63.3 Offset: -14.00
 Ground Elevation: 624.3 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: Diedrich D25 CE = Unknown

Groundwater Observations

Date	Depth (ft)	Notes
10/05/17		No W.T. observed

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 - 0.65 ft								
		A-1-b, SiSaGr, Dk/brn, Moist, Rec. = 1.4 ft, Lab Note: A lot of broken rock was within sample				9-11-9-13 (20)	11.5	52.8	26.4	20.8
		A-1-b, GrSa, brn, Moist, Rec. = 1.1 ft, Lab Note: Broken rock was within sample Field Note: NXDC, Cleaned out casing				14-16-23-R@0" (39)	3.5	37.7	47.1	15.2
5		A-1-b, GrSa, brn, Moist, Rec. = 1.5 ft, Lab Note: Broken rock was within sample Field Note: NXDC, Cleaned out casing				14-16-17-23 (33)	5.0	40.3	46.5	13.2
		A-1-b, SaGr, brn, Moist, Rec. = 1.2 ft, Lab Note: Broken rock and a small amount of decomposing wood and wood fibers were within sample Field Note: NXDC, Cleaned out casing				15-20-26-23 (46)	10.1	48.1	34.2	17.7
10		A-2-4, GrSiSa, brn, Moist, Rec. = 0.4 ft Field Note: NXDC, Cleaned out casing, Boulder				R@5" (R)	13.4	24.8	44.3	30.9
		A-4, SaSi, brn, Moist, Rec. = 1.4 ft Field Note: NXDC, Cleaned out casing				8-12-17-15 (29)	16.1	15.1	36.8	48.1
15		A-2-4, GrSiSa, gry, Moist, Rec. = 0.3 ft 15.4 ft - 20.4 ft, Gray/green, Sulfidic, weakly calcereous and weakly foliated GREENSTONE, with joints that are rusty-brown stained and pitted. Hard, Slightly weathered, Fair rock, NX, RMR=44	1 (60)	90 (40)	5	R@3.5 (R)	11.0	23.0	49.0	28.0
		20.4 ft - 25.4 ft, Gray/green, Weakly foliated GREENSTONE, with rusty-brown staining along joints. Hard, Very slightly weathered, Fair rock, NX, RMR=49	2 (70)	100 (67)	4					
20					3					
					2					
					4					
25					3					

Hole stopped @ 25.4 ft

Remarks:
 Hole collapsed at 13.1 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. CE is the hammer energy correction factor.
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