



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-104

Page No.: 1 of 1

Pin No.: 16b010

Checked By: SPM

Boring Crew: Gonyaw, Garrow, Emerson  
 Date Started: 10/03/17 Date Finished: 10/04/17  
 VTSPG NAD83: N 636289.65 ft E 1569875.65 ft  
 Station: 69+38.4 Offset: -14.30  
 Ground Elevation: 627.5 ft

Casing: WB Sampler: SS  
 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: Diedrich D25 CE = Unknown

Groundwater Observations		
Date	Depth (ft)	Notes
10/04/17	8.1	W.T. during drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RCD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-1-b, SaGr, brn, Moist, Rec. = 1.4 ft				3-4-6-7 (10)	5.5	47.5	41.7	10.8
2.5		A-2-4, SiGrSa, brn, Moist, Rec. = 1.6 ft				7-6-6-6 (12)	9.5	28.5	43.8	27.7
5.0		A-2-4, SiGrSa, brn, Moist, Rec. = 1.2 ft				6-4-6-7 (10)	9.3	34.2	43.9	21.9
7.5		A-2-4, GrSiSa, blk, Moist, Rec. = 1.7 ft, Lab Note: A lot of decomposing wood and wood fibers were within sample				6-7-6-5 (13)	26.9	20.6	57.6	21.8
		Field Note:, NXDC, Cleaned out casing								
		Field Note:, No Recovery				3-R@2.5"				
10.0		8.7 ft - 13.7 ft, Gray/green, Sulfidic, weakly calcerous and weakly foliated GREENSTONE, with faint brown staining along joints. Hard, Unweathered, Good rock, NX, RMR=61	1 (60)	76 (88)	10	(R)Top of Bedrock @ 8.7 ft				
12.5					6					
15.0					5					
17.5					4					
					5					
15.0		13.7 ft - 18.7 ft, Gray/green, Sulfidic, weakly calcerous and weakly foliated GREENSTONE, Hard, Unweathered, Good rock, NX, RMR=69	2 (60)	100 (100)	3					
20.0					6					
22.5					8					
					9					
					7					
		Hole stopped @ 18.7 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. CE 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.