



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-106
Page No.: 1 of 1
Pin No.: 16b010
Checked By: SPM

Boring Crew: Gonyaw, Garrow, Olden
Date Started: 10/02/17 Date Finished: 10/02/17
VTSPG NAD83: N 636282.92 ft E 1569795.27 ft
Station: 68+64.7 Offset: 19.00
Ground Elevation: 626.0 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
10/02/17	14.5	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 %	
5		A-1-b, GrSa, brn, Moist, Rec. = 0.9 ft, Lab Note: Grass and grass roots were within sample				2-2-3-3 (5)	10.1	35.4	46.1	18.5	
		A-2-4, GrSiSa, brn, Moist, Rec. = 1.4 ft				3-4-2-3 (6)	6.5	24.7	50.1	25.2	
		A-2-4, SiGrSa, brn, Moist, Rec. = 1.6 ft				6-4-5-4 (9)	6.4	32.2	45.1	22.7	
		A-1-b, GrSa, brn, Moist, Rec. = 1.2 ft, Lab Note: Broken rock was within sample				4-4-5-4 (9)	5.3	38.8	43.6	17.6	
10		A-1-b, SiGrSa, brn, Moist, Rec. = 0.9 ft, Lab Note: Broken rock was within sample				4-7-10-16 (17)	6.4	35.3	44.3	20.4	
		A-2-4, SiSa, brn, Moist, Rec. = 1.4 ft				4-4-5-10 (9)	10.1	19.7	57.3	23.0	
		A-2-4, SiGrSa, brn, Moist, Rec. = 0.9 ft Field Note: NXDC, Cleaned out casing				6-2-2-3 (4)	12.5	32.4	45.2	22.4	
15		A-4, SaSi, brn, Wet, Rec. = 1.1 ft, Lab Note: A small amount of decomposing wood was within sample					31.1	18.5	35.8	45.7	
		A-2-4, GrSiSa, brn, Moist, Rec. = 0.8 ft, Lab Note: Broken rock and a lot of wood and wood fibers were within sample				4-4-R@3.5" (R)	34.2	28.0	36.7	35.3	
		15.3 ft - 20.3 ft, Gray/green, Weakly calcerous and moderately foliated GREENSCHIST, with quartz veins. Faint rusty-brown staining along joints. Hard, Unweathered, Good rock, NX, RMR=63	1 (55-60)	88 (96)	2						
		20.3 ft - 25.3 ft, Gray/green, Weakly calcerous and moderately foliated GREENSCHIST, with quartz and feldspar veins. Faint rust and brown staining on joints. Hard, Unweathered, Fair rock, NX, RMR=56	2 (60-70)	76 (87)	3						
20											
25											
Hole stopped @ 25.3 ft											
Remarks: Hole collapsed at 14.9 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.
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 MORE TOWN BF-0167(16).GPJ VERMONT AOT.GDT 11/9/17