



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-105
 Page No.: 1 of 1
 Pin No.: 16b010
 Checked By: SPM

Boring Crew: Gonyaw, Garrow, Olden
 Date Started: 10/03/17 Date Finished: 10/03/17
 VTSPG NAD83: N 636282.08 ft E 1569842.15 ft
 Station: 69+7.5 Offset: 2.00
 Ground Elevation: 627.9 ft

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
10/03/17	7.2	W.T. during 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 %
0.0 - 0.6	Asphalt Pavement	Asphalt Pavement, 0.0 ft - 0.6 ft Field Note:, Appears to be GrSa								
0.6 - 12.2	Gravelly Sand	Field Note:, Appears to be Sa								
12.2 - 17.5	Silty Sand	Field Note:, Appears to be SiSa								
17.5 - 22.5	Bedrock	12.5 ft - 17.5 ft, Gray/green, Interlayered weakly calcareous and moderately foliated GREENSCHIST, with quartz veins and porphyroclastic GREENSTONE. Rusty-brown staining and pitting along joints and foliation. Moderately hard, Slightly weathered, Fair rock, NX, RMR=42	1 (80-90)	84 (43)	4	Top of Bedrock @ 12.5 ft				
22.5 - 25.0	Bedrock	17.5 ft - 22.5 ft, Gray/green, Interlayered weakly calcareous and moderately foliated GREENSCHIST, with quartz veins and porphyroclastic GREENSTONE. Rusty-brown staining and pitting along joints and foliation. Moderately hard, Slightly weathered, Fair rock, NX, RMR=53	2 (80-90)	100 (80)	2					
25.0 - 25.5	Hole stopped @ 22.5 ft									
25.5 - 25.8	Remarks: Hole collapsed at 12.2 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.