



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

BORING LOG

STOWE
BHF 0235(11)
VT-108 BR-2

Boring No.: **B-101**

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Pin No.: 87E052

Checked By: _____

Boring Crew: JUDKINS, GARROW, NIETO
Date Started: 1/14/14 Date Finished: 1/15/14
VTSPG NAD83: N 716758.65 ft E 1591328.51 ft
Station: 3+52 Offset: -10.80
Ground Elevation: 703.43 ft

Type: _____ 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 55 TRACK C_c = 1.46

Groundwater Observations

Date	Depth (ft)	Notes

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 - 0.2		Field Note: No Recovery				R@1.0"				
0.2 - 4.8		Field Note: NXDC, Cleaned out casing.								
4.8 - 9.0		A-1-b, SiSaGr, gry-brn, Moist, Rec. = 0.9 ft, Lab Note: Broken Rock was within sample.				4-3-4-6 (7)	22.5	52.6	24.9	22.5
9.0 - 11.0		9.0 ft - 11.0 ft, First two feet of run is possible Boulder.. NXMDC	1 (70)	100 (0)	3					
11.0 - 12.0		11.0 ft - 12.0 ft, Dark gray & black, Carbonaceous biotite-muscovite-quartz Phyllite, with quartz laminae. Moderately soft, Unweathered, Fair rock, RMR = 44			2					
12.0 - 17.0		12.0 ft - 17.0 ft, Dark gray & black, Carbonaceous biotite-muscovite-quartz Phyllite, with quartz laminae. Moderately soft, Unweathered, Fair rock, NXMDC, RMR = 49	2 (70)	96 (30)	4					
17.0 - 19.0		17.0 ft - 19.0 ft, Dark gray, Carbonaceous biotite-muscovite-quartz Phyllite, with quartz laminae. Moderately soft, Unweathered, Fair rock, NXMDC, RMR = 54	3 (70)	90 (70)	3					
19.0 - 22.5		Hole stopped @ 19.0 ft								
22.5 - 25.0		Remarks: 1. Drilling was performed from the bridge deck. 2. Asphalt Pavement depth was 0.20 ft. 3. Concrete depth was 0.90 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. C_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 STOWE BHF 0235(11).GPJ VERMONT AOT.GDT 1/31/14