



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

BORING LOG

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

Boring No.: **B-104**

Page No.: **1 of 1**

Pin No.: **87E052**

Checked By: _____

Boring Crew: JUDKINS, GARROW, NIETO
 Date Started: 1/16/14 Date Finished: 1/16/14
 VTSPG NAD83: N 716874.09 ft E 1591282.08 ft
 Station: 4+75 Offset: 8.00
 Ground Elevation: 706.87 ft

Type: _____
 I.D.: _____
 Hammer Wt: _____
 Hammer Fall: _____
 Hammer/Rod Type: _____
 Rig: _____

Casing WB Sampler SS

4 in 1.5 in

N.A. 140 lb.

N.A. 30 in.

Auto/AWJ

CME 55 TRACK C_c = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
01/16/14	17.5	While 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 %
		Field Note:, NXDC, Cleaned out casing								
5		A-4, SaGrSi, Lt/brn, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample.				6-2-2-5 (4)	23.9	31.4	26.6	42.0
		A-4, SaSi, Lt/brn, Moist, Rec. = 1.3 ft, Lab Note: Sample was rust colored.				1-1-2-2 (3)	34.1	7.3	39.6	53.1
10		A-1-b, SaGr, gry, Moist, Rec. = 0.7 ft, Lab Note: Sample was mostly Broken Rock pieces (Phyllite).				15-R@3.5" (R)	11.8	44.7	39.4	15.9
		Field Note:, NXDC, Cobbles & Boulders, Cleaned out casing.								
15		A-1-b, SiSaGr, gry, Moist, Rec. = 1.4 ft, Lab Note: Broken Rock was within sample.				7-13-11-19 (24)	13.7	45.0	34.7	20.3
20		Field Note:, NXDC, Cobbles, Cleaned out casing.								
25		21.0 ft - 26.0 ft, Grayish green, Chlorite-muscovite-quartz Phyllitic Schist, with quartzofeldspathic layers. Moderately soft, Unweathered, Fair rock, NXMDC, RMR = 49	1	96 (44)	4					
					6					
					5					
					5					
					4					
30		26.0 ft - 31.0 ft, Grayish green, Chlorite-muscovite-quartz Phyllitic Schist, with quartzofeldspathic layers. Moderately soft, Unweathered, Fair rock, NXMDC, RMR = 49	2	100 (36)	4					
					3					
					3					
					3					
					4					
		Hole stopped @ 31.0 ft								
35		Remarks: 1. Drilling was performed from the bridge deck. 2. Asphalt Pavement depth was 0.15 ft. 3. Concrete depth was 0.85 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 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