



**BORING LOG**

**STOWE**  
**BHF 0235(15)**  
**VT-108 BR-3**

Boring No.: **B-101**  
Page No.: **1 of 2**  
PIn No.: **88C190**  
Checked By: **MLM**

Boring Crew: **DAIGNEAULT, JUDKINS**  
Date Started: **8/23/13** Date Finished: **8/26/13**  
VTSPG NAD83: **N 719003.02 ft E 1586383.77 ft**  
Station: **15+13.5** Offset: **-20.00**  
Ground Elevation: **740.0 ft**

Casing Sampler  
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: **CME 55 TRACK C = 1.46**

Groundwater Observations		
Date	Depth (ft)	Notes
08/26/13	12.4	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate min/feet	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	
5		Visual Description:; SiGrSa, Dk/brn, Molst, Rec. = 0.3 ft, Insufficient sample for testing.				1-1-3-5 (4)	13.2				
		Visual Description:; SaGr, Dk/brn, Molst, Rec. = 0.2 ft, Insufficient sample for testing.				6-8-6-2 (14)	9.2				
		A-1-b, SaGr, brn, Molst, Rec. = 0.7 ft				6-9-10-10 (19)	8.3	52.8	28.1	19.1	
		A-1-b, SaGr, brn, Molst, Rec. = 0.7 ft				6-7-10-13 (17)	9.8	46.1	40.9	13.0	
10		A-1-b, SiSaGr, brn, Molst, Rec. = 0.7 ft				10-16-14-16 (30)	9.4	40.2	36.0	23.8	
		A-1-b, SaGr, brn, Molst, Rec. = 0.5 ft, Broken Rock was within sample.				8-7-7-9 (14)	9.7	49.1	33.3	17.6	
		A-2-4, SiSaGr, brn, MTW, Rec. = 0.6 ft				6-10-6-5 (16)	14.1	38.9	34.2	26.9	
		A-4, Si, gry, Wet, Rec. = 0.8 ft				3-4-3-4 (7)	26.6	0.4	13.3	86.3	
15		A-4, Si, gry, Wet, Rec. = 0.7 ft				1-3-3-4 (6)	27.0	3.6	8.1	88.3	
		A-4, Si, gry, Wet, Rec. = 1.4 ft				2-2-2-3 (4)	30.8		3.4	96.6	
25		A-4, Si, gry, Wet, Rec. = 1.2 ft				5-2-3-3 (5)	27.6	6.9	4.4	88.7	
30		A-4, Si, gry, Wet, Rec. = 1.0 ft				2-4-3-2 (7)	28.6		11.2	88.8	
35		A-4, Si, gry, Wet, Rec. = 0.9 ft				2-3-3-4 (6)	25.3	1.6	16.2	82.2	
40		A-4, Si, gry, Wet, Rec. = 1.2 ft				1-3-3-3 (6)	27.5	0.6	6.0	93.4	

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.



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Groundwater Observations		
Date	Depth (ft)	Notes
08/26/13	12.4	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate min/feet	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	
50		A-4, Si, gry, MTW, Rec. = 1.2 ft				6-5-6-6 (11)		24.7	5.8	15.8	78.4
		A-4, SaSi, gry, MTW, Rec. = 0.8 ft				3-4-5-6 (9)		21.6	9.3	22.5	68.2
55		Field Note:; No Recovery				18-7-7-4 (14)					
		Field Note:; No Recovery									
		Field Note:; No Recovery									
60		Field Note:; No Recovery				6-4-5-4 (9)					
		Field Note:; No Recovery									
		Field Note:; No Recovery									
65		Field Note:; No Recovery				8-6-3-3 (9)					
70		69.5 ft - 74.5 ft, Light gray to green, Chlorite-muscovite-quartz Schist, with white quartzofeldspathic layers. Moderately hard, Unweathered, Fair rock, NXMDC, RMR = 52	1 (20)	96 (28)	8						
		74.5 ft - 79.5 ft, Light gray to green, Chlorite-muscovite-quartz Schist, with white quartzofeldspathic layers. Moderately hard, Unweathered, Fair rock, NXMDC, RMR = 57	2 (30)	88 (60)	5						
75					6						
					6						
					6						
80					6						
					6						
					6						
85					7						
					7						
					8						
Hole stopped @ 79.5 ft											
Remarks: 1. Hole collapsed at 11.2 ft.											

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BORING LOG 2 STOWE BHF 0235(15) GPJ VERMONT AOT.GDT 9/30/13

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