

VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: <b>B-101</b>	
		<b>STOWE</b> <b>BHF 0235(15)</b> <b>VT-108 BR-3</b>		Page No.: <b>1 of 2</b>		Pin No.: <b>88C190</b>	
		Checked By: <b>MLM</b>		Date Started: <b>8/23/13</b> Date Finished: <b>8/26/13</b>		Date: <b>08/26/13</b> Depth: <b>12.4</b> Notes: <b>While drilling.</b>	
Boring Crew: <b>DAIGNEAULT, JUDKINS</b>		Casing: <b>WB</b> Sampler: <b>SS</b>		Date: <b>08/26/13</b> Depth: <b>12.4</b> Notes: <b>While drilling.</b>			
Date Started: <b>8/23/13</b> Date Finished: <b>8/26/13</b>		I.D.: <b>4 in</b> <b>1.5 in</b>					
VTSPG NAD83: <b>N 719003.02 ft E 1586383.77 ft</b>		Hammer Wt: <b>N.A.</b> <b>140 lb.</b>					
Station: <b>15+13.5</b> Offset: <b>-20.00</b>		Hammer Fall: <b>N.A.</b> <b>30 in.</b>					
Ground Elevation: <b>740.0 ft</b>		Hammer/Rod Type: <b>Auto/AWJ</b>					
		Rig: <b>CME 55 TRACK</b> <b>C<sub>2</sub> = 1.46</b>					
Depth (ft)	Strata (1)	Visual Description	Blow/ft (N Value)	Moisture Content (%)	Gravel (%)	Sand (%)	Fines (%)
0-3		Visual Description: SiGrSa, Dk/bn, Moist, Rec. = 0.3 ft, Insufficient sample for testing.	1-1-3-5 (4)	13.2			
3-6		Visual Description: SaGr, Dk/bn, Moist, Rec. = 0.2 ft, Insufficient sample for testing.	6-8-6-2 (14)	9.2			
6-9		A-1-b, SaGr, bn, Moist, Rec. = 0.7 ft	6-9-10-10 (19)	8.3	52.8	28.1	19.1
9-10		A-1-b, SaGr, bn, Moist, Rec. = 0.7 ft	6-7-10-13 (17)	9.8	46.1	40.9	13.0
10-11		A-1-b, SiSaGr, bn, Moist, Rec. = 0.7 ft	10-16-14-16 (30)	9.4	40.2	36.0	23.8
11-12		A-1-b, SaGr, bn, Moist, Rec. = 0.5 ft, Broken Rock was within sample.	8-7-7-9 (14)	9.7	49.1	33.3	17.6
12-13		A-2-4, SiSaGr, bn, MTW, Rec. = 0.6 ft	6-10-6-5 (16)	14.1	38.9	34.2	26.9
13-14		A-4, Si, gry, Wet, Rec. = 0.8 ft	3-4-3-4 (7)	26.6	0.4	13.3	86.3
14-15		A-4, Si, gry, Wet, Rec. = 0.7 ft	1-3-3-4 (6)	27.0	3.6	8.1	88.3
15-16		A-4, Si, gry, Wet, Rec. = 1.4 ft	2-2-2-3 (4)	30.8		3.4	96.6
25-26		A-4, Si, gry, Wet, Rec. = 1.2 ft	5-2-3-3 (5)	27.6	6.9	4.4	88.7
30-31		A-4, Si, gry, Wet, Rec. = 1.0 ft	2-4-3-2 (7)	28.6		11.2	88.8
35-36		A-4, Si, gry, Wet, Rec. = 0.9 ft	2-3-3-4 (6)	25.3	1.6	16.2	82.2
40-41		A-4, Si, gry, Wet, Rec. = 1.2 ft	1-3-3-3 (6)	27.5	0.6	6.0	93.4

BOTTOM OF  
ABUT. 1  
EL. 733.0'

ESTIMATED  
PILE TIP  
EL. 670.5'

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		<b>STOWE</b> <b>BHF 0235(15)</b> <b>VT-108 BR-3</b>		Page No.: <b>2 of 2</b>		Pin No.: <b>88C190</b>	
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Boring Crew: <b>DAIGNEAULT, JUDKINS</b>		Casing: <b>WB</b> Sampler: <b>SS</b>		Date: <b>08/26/13</b> Depth: <b>12.4</b> Notes: <b>While drilling.</b>			
Date Started: <b>8/23/13</b> Date Finished: <b>8/26/13</b>		I.D.: <b>4 in</b> <b>1.5 in</b>					
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Station: <b>15+13.5</b> Offset: <b>-20.00</b>		Hammer Fall: <b>N.A.</b> <b>30 in.</b>					
Ground Elevation: <b>740.0 ft</b>		Hammer/Rod Type: <b>Auto/AWJ</b>					
		Rig: <b>CME 55 TRACK</b> <b>C<sub>2</sub> = 1.46</b>					
Depth (ft)	Strata (1)	Visual Description	Blow/ft (N Value)	Moisture Content (%)	Gravel (%)	Sand (%)	Fines (%)
0-1		A-4, Si, gry, MTW, Rec. = 1.2 ft	6-5-6-6 (11)	24.7	5.8	15.8	78.4
50-51		A-4, SaSi, gry, MTW, Rec. = 0.8 ft	3-4-5-6 (9)	21.6	9.3	22.5	68.2
55-56		Field Note: No Recovery	18-7-7-4 (14)				
60-61		Field Note: No Recovery	6-4-5-4 (9)				
65-66		Field Note: No Recovery	8-6-3-3 (9)				
70-71		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		
75-76		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		
80-81		Hole stopped @ 79.5 ft					
85-86		Remarks: 1. Hole collapsed at 11.2 ft.					

MODEL: BOR02

CLD 12-010 \$FILEABBREV\$

PROJECT NAME: **STOWE**  
PROJECT NUMBER: **BRF 0235(15)**

FILE NAME: **z88c190bor.dgn**  
PROJECT LEADER: **J. BYATT**  
DESIGNED BY: **J. FRENCH**  
BORING LOGS (1 OF 2)

PLOT DATE: **5/8/2015**  
DRAWN BY: **M. SMITH**  
CHECKED BY: **J. BYATT**  
SHEET **32** OF **79**

