

VT Trans Working to Get You There STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: <b>B-101</b>					
		STOWE BHF 0235(11) VT-108 BR-2		Page No.: <b>1 of 1</b>					
				Pin No.: <b>87E052</b>					
				Checked By: _____					
Boring Crew: <b>JUDKINS, GARROW, NIETO</b>		Casing	Sampler	Groundwater Observations					
Date Started: <b>1/14/14</b>	Date Finished: <b>1/15/14</b>	Type: <b>WB</b>	<b>SS</b>	Date	Depth (ft)				
VTSPG NAD83: <b>N 716758.65 ft E 1591328.51 ft</b>		Hammer Wt: <b>N.A.</b>	<b>140 lb.</b>		Notes				
Station: <b>3+52</b>	Offset: <b>-10.80</b>	Hammer Fall: <b>N.A.</b>	<b>30 in.</b>						
Ground Elevation: <b>703.43 ft</b>		Hammer/Rod Type: <b>Auto/AWJ</b>							
		Rig: <b>CME 55 TRACK</b>		<b>C<sub>s</sub> = 1.46</b>					
Depth (ft)	Strata (1)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate (min/ft)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
	Field Note: No Recovery				R@1.0"				
2.5									
5.0	Field Note: NXDC, Cleaned out casing.								
7.5	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
10.0	9.0 ft - 11.0 ft, First two feet of run is possible Boulder.. NXMDC	1 (70)	100 (0)	3					
12.5	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 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					
15.0				3					
				3					
				6					
17.5	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					
				5					
20.0	Hole stopped @ 19.0 ft								
22.5	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 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.									

PILE CAP  
EL=699.00

ESTIMATED PILE  
TIP EL= 689.00

BORING LOG 2 STOWE BHF 0235(11).GPJ VERMONT AOT.GDT 1/31/14

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EL=699.00

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VT Trans Working to Get You There STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: <b>B-102</b>					
		STOWE BHF 0235(11) VT-108 BR-2		Page No.: <b>1 of 1</b>					
				Pin No.: <b>87E052</b>					
				Checked By: _____					
Boring Crew: <b>JUDKINS, GARROW, NIETO</b>		Casing	Sampler	Groundwater Observations					
Date Started: <b>1/17/14</b>	Date Finished: <b>1/17/14</b>	Type: <b>WB</b>	<b>SS</b>	Date	Depth (ft)				
VTSPG NAD83: <b>N 716764.62 ft E 1591346.47 ft</b>		Hammer Wt: <b>N.A.</b>	<b>140 lb.</b>		Notes				
Station: <b>3+48</b>	Offset: <b>7.70</b>	Hammer Fall: <b>N.A.</b>	<b>30 in.</b>						
Ground Elevation: <b>702.41 ft</b>		Hammer/Rod Type: <b>Auto/AWJ</b>							
		Rig: <b>CME 55 TRACK</b>		<b>C<sub>s</sub> = 1.46</b>					
Depth (ft)	Strata (1)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate (min/ft)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
2.5	A-1-b, SaGr, brn-gry, Moist, Rec. = 1.2 ft, Lab Note: Broken Rock was within sample.								
	A-2-4, SiGrSa, white-brn, Moist, Rec. = 0.5 ft, Lab Note: Broken Rock was within sample.								
5.0	A-2-4, GrSiSa, brn-gry, Moist, Rec. = 1.1 ft, Lab Note: Broken Rock was within sample.								
	A-1-b, SaGr, brn-gry, Moist, Rec. = 0.4 ft, Lab Note: Broken Rock was within sample.								
7.5									
10.0	8.0 ft - 13.0 ft, Grayish green, Chlorite-muscovite-quartz Phyllitic Schist, with quartzofeldspathic layers. Moderately soft, Unweathered, Fair rock, NXMDC, RMR = 58	1 (60)	100 (84)	6					
12.5				3					
				3					
				4					
				4					
15.0				3					
				3					
				3					
17.5	13.0 ft - 18.0 ft, Grayish green, Chlorite-muscovite-quartz Phyllitic Schist, with quartzofeldspathic layers. Moderately soft, Unweathered, Fair rock, NXMDC, RMR = 58	2 (60)	100 (80)	3					
				3					
				3					
				3					
20.0	Hole stopped @ 18.0 ft								
22.5	Remarks: 1. Drilling was performed from the bridge deck. 2. Asphalt Pavement depth was 0.15 ft. 3. Concrete depth was 0.67 ft. 4. Hole collapsed at 7.0 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.									

PROJECT NAME:	STOWE
PROJECT NUMBER:	BRF 0235 (II)
FILE NAME:	s87e052bor.dgn
PROJECT LEADER:	C. CARLSON
DESIGNED BY:	D. PETERSON
BORING LOGS 2	
PLOT DATE:	28-JUL-2014
DRAWN BY:	M. LONGSTREET
CHECKED BY:	J. LACROIX
SHEET	25 OF 64