

Boring Crew: Nieto, Judkins, Coletti  
 Date Started: 6/07/16 Date Finished: 6/09/16  
 VTSPG NAD83: N 915467.77 ft E 1617704.14 ft  
 Station: 59+66.6 Offset: -7.34  
 Ground Elevation: 514.3 ft

Type: 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 45C SKID CE = 1.42

Groundwater Observations

Date	Depth (ft)	Notes
06/09/16	19.5	W.T. before drilling

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Date	Depth (ft)	Notes
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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 %
		Asphalt Pavement, 0.0 ft - 0.3 ft								
5										
		Field Note: Cobbles								
20										
		Field Note: Cobbles and boulder								
25		A-1-a, SaGr, gry-brn, Moist, Rec. = 1.2 ft, Lab Note: A lot of broken rock was within sample				13-27-20-27 (47)	10.0	60.1	29.5	10.4
30		Field Note: Cleaned out casing								
		A-1-a, SaGr, gry-brn, Moist, Rec. = 0.8 ft, Lab Note: Broken rock was within sample				13-23-16-24 (39)	10.9	54.4	34.2	11.4
35		Field Note: Cleaned out casing								
		A-1-a, Gr, gry, Moist, Rec. = 0.3 ft, Lab Note: A lot of broken rock was within sample				40-R@3.5" (R)	5.1	81.0	14.3	4.7
40		A-1-a, SaGr, gry, Moist, Rec. = 0.8 ft, Lab Note: A lot of broken rock was within sample				14-16-22-16 (38)	9.5	68.0	22.6	9.4
		Field Note: BXDC, Cleaned out casing								

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.  
 2. <<SUB>><<SUB>> 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.

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: No Recovery								
50		Field Note: BXDC, Cleaned out casing A-2-4, Sa, Dk/brn, Moist, Rec. = 0.9 ft								
55		A-4, Si, gry, Moist, Rec. = 1.2 ft								
60		Field Note: BXDC, Cleaned out casing Field Note: No Recovery								
65		Field Note: BXDC, Cleaned out casing Field Note: No Recovery								
70		Field Note: No Recovery 70.1 ft - 75.1 ft, Gray, Graphitic biotite-muscovite-quartz-albite-pyrite Schist, Faint brown and rust staining along joints and pyrite inclusions. Hard, Unweathered, Fair rock, BX, RMR=49	1 (75)	90 (30)	7	8-8-8-6 (16)				
75		75.1 ft - 80.1 ft, Gray, Graphitic biotite-muscovite-quartz-albite-pyrite Schist, Hard, Unweathered, Poor rock, BX, RMR=31, Low recovery due to mechanical difficulties during drilling	2 (75)	10 (0)	5	6-5-7-8 (12)	26.2	0.3	80.5	19.2
80		80.1 ft - 85.1 ft, Gray, Graphitic biotite-muscovite-quartz-albite-pyrite gneissic Schist, Rust and brown staining along joints. Hard, Very slightly weathered, Fair rock, BX, RMR=43	3 (75-80)	84 (12)	6	2-4-5-4 (9)	28.9		9.1	90.9
85		Hole stopped @ 85.1 ft				5-2-3-2 (5)				
		Remarks: Hole collapsed at 20.0 feet.								

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BORING LOG 2 RICHFORD-SUTTON BHF0814(1) LSPJ VERMONT AOT.GDT 8/1/17