



BORING LOG

WAITSFIELD
BRF 013-4(34)
VT-100 BR-181

Boring No.: **B-101**
Page No.: 1 of 2
Pin No.: 10B422
Checked By: _____

Boring Crew: DAIGNEAULT, JUDKINS, HALL
Date Started: 6/06/13 Date Finished: 6/25/13
VTSPG NAD83: N 621332.59 ft E 1559386.73 ft
Station: 3+79 Offset: -17.20
Ground Elevation: 675.6 ft

Type: _____
I.D.: _____
Casing: WB Sampler: SS
Hammer Wt: N.A. 140 lb.
Hammer Fall: N.A. 30 in.
Hammer/Rod Type: Auto/AWJ
Rlg: CME 45C TRACK C = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
06/21/13	10.9	AM
06/25/13	9.8	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate (min/ft)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		Visual Description: Topsoil with Sand, brn, Moist, Rec. = 0.3 ft				(WH)						
		A-1-a, SaGr, brn, Moist, Rec. = 0.8 ft, Broken Rock was within sample.				18-49-6-5 (55)	8.7	55.9	31.6	12.5		
		A-1-b, GrSa, brn, MTW, Rec. = 0.9 ft, Broken Rock was within sample.				16-9-7-6 (16)	14.6	39.0	44.5	16.5		
		Field Note: No Recovery				11-10-8-4 (18)						
10		A-4, SiSa, brn, MTW, Rec. = 1.0 ft				4-1-1-1 (2)	43.3	1.5	50.5	48.0		
		Visual Description: One stone with Sandy Silt, brn, Moist, Rec. = 0.1 ft, Stone in end of sampler.				1-1-3-4 (4)						
		A-1-b, SaGr, brn, MTW, Rec. = 0.7 ft				9-7-8-8 (15)	11.1	47.5	41.5	11.0		
		A-1-b, GrSa, brn, MTW, Rec. = 1.0 ft				6-8-10-15 (18)	12.4	39.9	45.1	15.0		
		A-1-a, SaGr, brn, MTW, Rec. = 0.6 ft, Broken Rock was within sample.				8-18-23-23 (41)	9.4	67.4	26.1	6.5		
20		A-1-b, SaGr, brn, MTW, Rec. = 0.7 ft				5-5-6-6 (11)	12.6	46.1	41.5	12.4		
		Visual Description: Lots of Broken Rock with Sand, brn, MTW, Rec. = 0.4 ft, Insufficient sample for testing.				7-14-7-7 (21)	9.4					
		Visual Description: Lots of Broken Rock with Silty Sand, brn, MTW, Rec. = 0.4 ft, Insufficient sample for testing.				8-9-3-2 (12)	9.4					
		A-4, Si, gry, Wet, Rec. = 1.0 ft				2-1-1-2 (2)	35.5	5.6	14.0	80.4	30	5
30		A-4, Si, gry, Wet, Rec. = 1.5 ft				1-1-1-1 (2)	38.9	0.3	2.9	96.8	29	2
		A-4, Si, gry, Wet, Rec. = 1.6 ft				2-1-2-1 (3)	35.9		4.1	95.9		
40		A-4, SaSi, gry, Moist, Rec. = 0.6 ft				16-R@2.5"	13.9	11.7	38.5	49.8		
		Visual Description: SaSi, gry, Moist, Rec. = 0.4 ft, Material similar as 40.0'-40.7', but with larger stones that were broken.				47-R@1.0"	9.6					
50		A-4, SaSi, gry, Moist, Rec. = 0.6 ft				47-R@2.5"	9.6	13.6	36.5	49.9		

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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		A-4, SaSi, gry, Moist, Rec. = 0.7 ft				36-R@5.0"	9.8	17.8	33.7	48.5		
60		A-4, GrSaSi, gry, Moist, Rec. = 0.8 ft				34-R@5.0"	12.7	24.0	25.6	50.4		
		A-4, GrSaSi, gry, Moist, Rec. = 0.6 ft				46-R@3.5"	8.8	28.8	35.1	36.1		
70		Visual Description: GrSiSa, gry, Moist, Rec. = 0.1 ft, Insufficient sample for testing.				R@2.5"						
		A-4, SiSa, gry, Moist, Rec. = 0.4 ft				R@6.0"	14.7	14.8	48.3	36.9		
80		Field Note: No Recovery				R@2.5"						
		Field Note: NXDC, Cobbles										
90												
		97.5 ft - 102.5 ft, Gray, Graphitic biotite-muscovite-chlorite-quartz Schist, Moderately hard, Unweathered, Good rock, NXMDC, RMR = 57	1 (85)	100 (90)	4							Top of Bedrock @ 97.5 ft
		102.5 ft - 107.5 ft, Gray, Graphitic biotite-muscovite-chlorite-quartz Schist, Moderately hard, Unweathered, Poor rock, NXMDC, RMR = 40	2 (85)	80 (0)	3							
						3						
						6						
						5						
						7						
		Hole stopped @ 107.5 ft										

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BORING LOG 2 WAITSFIELD BRF 013-4(34) GPJ VERMONT AOT.GDT 10/7/13

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