



BORING LOG

WAITSFIELD
BHF 013-4(39)
VT-100 BR-177

Boring No.: **B-103**
Page No.: **1 of 2**
Pin No.: **12B136**
Checked By: **CEE**

Boring Crew: **JUDKINS, DAIGNEAULT**
Date Started: **10/21/13** Date Finished: **10/23/13**
VTSPG NAD83: **N 610040.20 ft E 1553078.80 ft**
Station: **15+10** Offset: **26.20**
Ground Elevation: **716.0 ft**

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
10/23/13	6.2	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate (min/ft)	Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	
											Notes
5		A-2-4, SiGrSa, brn, Moist, Rec. = 0.6 ft				WH-3-7-R @ 3.5" (10)	11.4	26.8	50.5	22.7	
		Visual Description: Broken Rock (Granite) with sand, brn-gry, Moist, Rec. = 0.3 ft Field Note: NXDC, Boulder						5.0			
10		A-2-4, SaSiGr, brn, Wet, Rec. = 0.7 ft				10-16-8-6 (24)	12.6	46.8	22.1	31.1	
		Visual Description: Broken Rock (Granite), gry, Moist, Rec. = 0.2 ft					22-24-30-24 (54)				
15		A-2-4, SaSiGr, brn, Wet, Rec. = 0.2 ft				10-7-6-5 (13)	10.0	47.5	24.6	27.9	
		A-1-b, SiSaGr, brn, Wet, Rec. = 0.7 ft					6-5-4-7 (9)	11.7	48.1	26.6	25.3
20		Visual Description: Broken Rock with sand, gry, Wet, Rec. = 0.3 ft, Insufficient sample for testing.				5-4-4-5 (8)					
		Visual Description: Broken Rock with silty sand, Dk/gry, MTW, Rec. = 0.2 ft, Insufficient sample for testing.									
25		A-2-4, SiSa, gry, Wet, Rec. = 1.3 ft				2-2-2-2 (4)	21.3	17.1	62.1	20.8	
		A-4, SaSi, gry, Wet, Rec. = 0.8 ft					WH-1-2-3 (3)	26.2	1.4	31.6	67.0
30		A-4, SaSi, gry, Wet, Rec. = 0.8 ft				WH-2-1-1 (3)	26.1	1.2	42.1	56.7	
		A-4, SaSi, gry, Wet, Rec. = 0.9 ft					2-1-1-2 (2)	27.1		46.6	53.4
35		A-4, SaSi, gry, Wet, Rec. = 1.1 ft, Lab Note: A small layer of clay was noticeable, but not enough for testing.				3-1-1-1 (2)	30.7	0.9	21.1	78.0	
		A-4, SaSi, gry, Wet, Rec. = 0.7 ft					1-1-3-2 (4)	28.8		35.0	65.0

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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											Notes
40		A-4, SiSa, gry, Wet, Rec. = 0.7 ft				4-3-4-4 (7)	26.2	0.2	53.7	46.1	
		A-4, SaSi, gry, Wet, Rec. = 0.9 ft					2-5-4-2 (9)	28.9	0.3	30.1	69.6
45		A-4, SaSi, gry, MTW, Rec. = 0.4 ft				3-3-5-4 (8)	5.9	7.8	39.3	52.9	
		Field Note: NXDC, Cleaned out casing									
50		50.0 ft - 55.0 ft, Light gray, Phyllitic Schist, Moderately soft, Unweathered, Fair rock, NXGDC, RMR = 44	1 (65)	78 (18)	6						Top of Bedrock @ 50.0 ft
55		55.0 ft - 60.0 ft, Light gray, Phyllitic Schist, Moderately soft, Unweathered, Good rock, NXGDC, RMR = 61	2 (65)	100 (92)	6						
60		Hole stopped @ 60.0 ft									
		Remarks: Hole collapsed at 9.2 ft.									
65											

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BORING LOG 2 WAITSFIELD BHF 013-4(39) GP1 VERMONT AOT.GDT 11/7/13

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