



BORING LOG

BRADFORD  
BF 0191(29)  
VT-25B BR-1

Boring No.: **B-102**  
Page No.: 1 of 2  
Pln No.: 13C054  
Checked By: BLS

Boring Crew: DAIGNEAULT, GARROW, NIETO  
Date Started: 6/30/14 Date Finished: 7/02/14  
VTS PG NAD83: N 542336.83 ft E 1735402.24 ft  
Station: 14+13 Offset: 20.90  
Ground Elevation: 472.6 ft

Casing Sampler  
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
07/02/14	7.4	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate minutes/ft	Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	
5		A-3, Sa with sticks, brn, Moist, Rec. = 0.5 ft				WH-WH-1-4 (1)	9.9	6.3	83.7	10.0	
		Field Note: No Recovery				2-2-2-2 (4)					
10		A-2-4, Sa, brn, Moist, Rec. = 0.3 ft				3-2-2-2 (4)	10.8	1.5	82.8	15.7	
		A-2-4, GrSa, brn, Moist, Rec. = 0.5 ft				6-5-2-5 (7)	7.6	27.0	62.4	10.6	
		A-4, GrSaSi, gry, MTW, Rec. = 0.4 ft				7-13-19-16 (32)	30.0	21.0	26.8	52.2	
		A-1-b, SaGr, gry, Wet, Rec. = 1.2 ft, Lab Note: Broken Rock was within sample.				10-6-8-33 (14)	14.0	46.1	44.8	9.1	
15		A-1-a, SaGr, brn-gry, Wet, Rec. = 1.1 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock was within sample.				R@1.0" (R)	13.6	50.1	42.0	7.9	
		Field Note: No Recovery									
		Field Note: NXDC, Cleaned out casing., Appears to be Gravel.									
		A-1-a, SaGr, gry, Wet, Rec. = 0.4 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock was within sample.					15-7-28-26 (35)	11.1	55.8	34.4	9.8
		A-1-a, SaGr, brn, Wet, Rec. = 0.5 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock was within sample.					28-20-11-5 (31)	11.9	55.3	36.0	8.7
		A-1-b, GrSa, brn, Wet, Rec. = 0.4 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock was within sample.					4-3-5-7 (8)	13.8	45.4	46.5	8.1
20		A-1-b, GrSa, brn, Wet, Rec. = 0.6 ft				7-5-5-5 (10)	12.7	41.0	46.5	12.5	
		Field Note: NXDC, Cleaned out casing., Appears to be Cobbles.									
25		A-1-a, SaGr, brn, MTW, Rec. = 0.4 ft				6-3-4-4 (7)	12.9	50.4	37.5	12.1	
		Field Note: NXDC, Cleaned out casing., Appears to be Cobbles.									
		Field Note: NXDC, Cleaned out casing., Appears to be Cobbles.									
		A-1-b, GrSa, brn, MTW, Rec. = 0.7 ft, Lab Note: Broken Rock was within sample.					7-7-8-18 (15)	14.1	32.4	52.0	15.6
30		Field Note: NXDC, Cleaned out casing., Appears to be Cobbles.									
		Field Note: NXDC, Cleaned out casing., Appears to be Gravel & Cobbles.									
		Field Note: No Recovery									
35		Field Note: NXDC, Cleaned out casing., Appears to be Gravel & Cobbles.				11-12-13-9 (25)					
		Field Note: No Recovery									

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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45		A-1-a, SaGr, brn-white, Moist, Rec. = 0.4 ft, Lab Note: Broken Rock was within sample.				8-8-14-40 (22)	10.0	64.9	29.5	5.6	
		Field Note: NXDC, Cleaned out casing., Appears to be a Boulder.									
50		A-1-b, SaGr, gry-brn, Molst, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.				16-22-26-16 (48)	9.5	50.4	36.2	13.4	
		Field Note: NXDC, Cleaned out casing., Appears to be Cobbles.									
55		A-1-a, SaGr, brn, Moist, Rec. = 0.6 ft, Lab Note: Broken Rock was within sample.				18-30-17-37 (47)	9.9	52.4	37.0	10.6	
		Field Note: NXDC, Cleaned out casing., Appears to be Silty Sand.									
60		A-1-b, SaGr, brn, Moist, Rec. = 0.7 ft, Lab Note: Broken Rock was within sample.				8-16-12-12 (28)	10.3	53.3	32.7	14.0	
		Field Note: NXDC, Cleaned out casing.									
65		A-1-b, SaGr, brn, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.				16-20-30-21 (50)	10.3	51.1	34.3	14.6	
		Field Note: NXDC, Cleaned out casing., Appears to be a Boulder with Cobbles.									
70		63.5 ft - 68.5 ft, Gray to light gray, Micaceous quartzite with thin dark-gray Graphitic Phyllite, fine-grained. Hard, Unweathered, Good rock, NXMDC, RMR=61	1 (45)	98 (84)	6					Top of Bedrock @ 63.5 ft	
					4						
					4						
					4						
75		68.5 ft - 73.5 ft, Gray to light gray, Micaceous quartzite with thin dark-gray Graphitic Phyllite, fine-grained. Hard, Unweathered, Fair rock, NXMDC, RMR=57	2 (45)	96 (66)	3						
					3						
					3						
					3						
75		Hole stopped @ 73.5 ft									

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BORING LOG 2 BRADFORD BF 0191(29).GPJ VERMONT AOT.GDT 8/6/14

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