



Boring Crew: HOOK, JUDKINS, DAIGNEAULT
Date Started: 9/24/14 Date Finished: 9/26/14
VTSPG NAD83: N 462286.41 ft E 1557536.78 ft
Station: 13+66 Offset: 13.60
Ground Elevation: 841.4 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 45C SKID C_c = 1.33

Groundwater Observations		
Date	Depth (ft)	Notes
09/25/14	12.5	Before drilling.
09/26/14	16.6	Before drilling.

Depth (ft)	Strata (1)	Classification of Materials (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.2 ft								
		A-1-b, SaGr, brn, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock & Asphalt Pavement were within sample.				29-30-15-20 (45)	6.6	48.1	37.6	14.3
		A-1-a, SaGr, brn, Moist, Rec. = 0.7 ft, Lab Note: Broken Rock was within sample.				11-13-9-17 (22)	4.8	65.3	27.2	7.5
		A-1-a, SaGr, brn, Moist, Rec. = 0.5 ft, Lab Note: Broken Rock was within sample.				21-15-7-13 (22)	5.6	68.3	24.6	7.1
		Visual Description: Broken Rock, gry, Moist, Rec. = 0.3 ft, Cleaned out with NXDC.				10-R@3.5" (R)	1.3	68.8	19.7	11.5
		Field Note: No Recovery, Cleaned out with NXDC.				47-43-R@2.5" (R)				
		A-1-a, SaGr, brn, Moist, Rec. = 0.7 ft, Cleaned out with NXDC. Lab Note: Broken Rock was within sample.				10-16-21-34 (37)	11.1	63.3	27.7	9.0
		Field Note: Boulder, Cleaned out with NXDC.				R@0.0"				
		A-1-b, GrSa, brn, Wet, Rec. = 0.3 ft, Lab Note: Broken Rock was within sample.				15-5-3-3 (8)	15.4	42.4	42.8	14.8
		A-2-4, SiGrSa, brn, MTW, Rec. = 0.5 ft, Cleaned out with NXDC. Lab Note: Broken Rock was within sample.				8-14-17-19 (31)	13.0	30.9	43.4	25.7
		A-4, SiSa, brn-gry, MTW, Rec. = 0.5 ft, Cleaned out with NXDC.				21-22-R@5.0" (R)	15.7	11.3	51.9	36.8
		A-1-b, SiSaGr, brn, MTW, Rec. = 0.7 ft, Cleaned out with NXDC. Lab Note: Broken Rock was within sample.				13-11-12-8 (23)	13.1	49.6	30.1	20.3
		A-2-4, Sa, brn, MTW, Rec. = 0.8 ft				19-17-17-16 (34)	20.2	2.3	83.5	14.2
		Field Note: Cleaned out with NXDC.								
		A-1-b, SaGr, Dk/brn, MTW, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.				14-15-31-37 (46)	12.9	51.5	33.3	15.2
		Field Note: Cleaned out with NXDC.								

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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Depth (ft)	Strata (1)	Classification of Materials (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-1-b, SiSaGr, brn, MTW, Rec. = 0.7 ft, Lab Note: Broken Rock was within sample.				12-11-13-12 (24)	11.9	45.8	31.5	22.7
		Field Note: Cleaned out with NXDC.								
		A-1-b, SaGr, brn-gry, Moist, Rec. = 0.7 ft, Lab Note: Lots of Broken Rock was within sample.				13-20-R@1.0" (R)	12.3	46.5	34.4	19.1
		Field Note: Cleaned out with NXDC.								
		A-2-4, SaSiGr, gry, Moist, Rec. = 0.5 ft, Lab Note: Broken Rock was within sample.				11-14-12-22 (26)	11.2	47.6	25.6	26.8
		A-2-4, SiGrSa, brn, Moist, Rec. = 0.6 ft, Lab Note: Broken Rock was within sample.								
		Field Note: Cleaned out with NXDC.								
		A-1-b, SiSaGr, brn, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.				30-16-13-13 (29)	13.0	41.7	38.0	20.3
		52.7 ft - 55.7 ft, Light- greenish-gray to pale-green Phyllite, with layers of quartz. Moderately hard, Unweathered, Good rock, NXMDC, RMR = 73	1 (85)	77 (77)	7					Top of Bedrock @ 52.7 ft
		55.7 ft - 60.7 ft, Light- greenish-gray to pale-green Phyllite, with layers of quartz. Moderately hard, Unweathered, Good rock, NXMDC, RMR = 76	2 (50)	100 (92)	9					
		60.7 ft - 62.7 ft, Light- greenish-gray to pale-green Phyllite, with layers of quartz. Moderately hard, Unweathered, Good rock, NXMDC, RMR = 73	3 (50)	95 (80)	7					
		Hole stopped @ 62.7 ft								
		Remarks: 1. Hole collapsed at 10.8 ft. 2. Layers of Asphalt & Gravel to 1.4 ft.								

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BORING LOG 2 PITTSFIELD BHF 022-1(24) GPJ VERMONT AOT.GDT. 10/30/14

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