



BORING LOG

PITTSFIELD
BHF 022-1(24)
VT-100 BR-126

Boring No.: **B-102**
Page No.: 1 of 2
Pin No.: 10B416
Checked By: MLM

Boring Crew: NIETO, JUDKINS, DAIGNEAULT
Date Started: 9/29/14 Date Finished: 9/30/14
VTSFG NAD83: N 462357.25 ft E 1557556.23 ft
Station: 14+35 Offset: -12.00
Ground Elevation: 841.6 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
Rlg: CME 45C SKID C = 1.33

Groundwater Observations		
Date	Depth (ft)	Notes
09/30/14	12.6	Before drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RCD %)	Drill Rate (min/ft)	Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	
											Notes
		Asphalt Pavement, 0.0 ft - 0.6 ft									
5		A-1-b, GrSa, brn, Dry, Rec. = 1.1 ft, Lab Note: Broken Rock was within sample.				6-10-8-6 (18)	7.9	38.1	44.8	17.1	
		A-1-b, SaGr, brn, Moist, Rec. = 0.7 ft, Lab Note: Broken Rock was within sample.				7-7-7-8 (14)	10.7	47.0	37.0	16.0	
		A-1-b, SaGr, brn, Moist, Rec. = 0.9 ft, Cleaned out with roller cone. Lab Note: Broken Rock was within sample.				27-29-23-14 (52)	13.1	52.7	28.8	18.5	
		Field Note: No Recovery, Cleaned out with roller cone.				R@1.0" (R)					
10		A-1-a, SaGr, brn-gry, Moist, Rec. = 0.4 ft, Cleaned out with NXDC. Lab Note: Broken Rock was within sample.				10-16-R@3.5" (R)	8.8	61.8	26.6	11.6	
		A-2-4, SiGrSa, gry-brn, Moist, Rec. = 0.4 ft, Cleaned out with NXDC. Lab Note: Broken Rock was within sample.				13-R@5.0" (R)	13.3	32.7	42.2	25.1	
15		A-2-4, SiSa, gry, MTW, Rec. = 0.7 ft				12-6-4-5 (10)	18.9	12.0	62.7	25.3	
		A-1-b, SaGr, brn-Lt/gry, Moist, Rec. = 1.0 ft, Cleaned out with roller cone.				7-5-11-15 (16)	13.0	48.2	37.4	14.4	
		A-1-b, SiSaGr, brn, Moist, Rec. = 0.8 ft, Cleaned out with roller cone.				10-9-10-13 (19)	13.0	46.9	32.8	20.3	
20		A-1-b, SiSaGr, Lt/gry, Moist, Rec. = 0.5 ft, Cleaned out with roller cone.				9-14-13-18 (27)	12.3	49.8	26.2	24.0	
		A-1-b, SiGrSa, brn, Moist, Rec. = 0.9 ft				14-14-11-5 (25)	13.7	38.4	41.2	20.4	
25		A-1-b, SaGr, brn, Moist, Rec. = 0.3 ft, Cleaned out with roller cone. Lab Note: Broken Rock was within sample.				6-6-9-12 (15)	12.7	43.8	42.8	13.4	
30		A-2-4, SiGrSa, brn, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample.				5-10-18-15 (28)	13.8	30.9	48.8	20.3	

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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Casing Sampler
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Groundwater Observations		
Date	Depth (ft)	Notes
09/30/14	12.6	Before drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RCD %)	Drill Rate (min/ft)	Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	
											Notes
		A-1-b, SiGrSa, gry-brn, Moist, Rec. = 0.8 ft				16-18-20-26 (38)	11.4	37.7	42.2	20.1	
40		Field Note: Cleaned out with roller cone									
		A-1-b, GrSa, gry-Lt/brn, Moist, Rec. = 0.9 ft, Lab Note: Broken Rock was within sample.				13-17-19-21 (36)	12.6	37.2	47.0	15.8	
45		Field Note: Cleaned out with roller cone									
		A-1-a, SaGr, brn, Moist, Rec. = 0.5 ft, Lab Note: Broken Rock was within sample.				28-10-9-9 (19)	12.3	59.3	26.3	14.4	
50		Field Note: Cleaned out with roller cone									
		A-2-4, SiSaGr, brn, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample.				18-13-22-R@5.0" (35)	15.3	35.8	34.6	29.6	
55		51.9 ft - 56.9 ft, Light- greenish-gray to pale-green Phyllite, with layers of quartz. Moderately hard, Unweathered, Good rock, NXMDC, RMR = 76	1 (30)	100 (100)	8						
					6						
					7						
					8						
60		56.9 ft - 61.9 ft, Light- greenish-gray to pale-green Phyllite, with layers of quartz. Moderately hard, Unweathered, Good rock, NXMDC, RMR = 76	2 (60)	100 (100)	6						
					6						
					10						
65					7						
					9						
		Hole stopped @ 61.9 ft									
		Remarks: 1. Hole collapsed at 15.1 ft.									

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

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