



BORING LOG

WEATHERSFIELD
STP 0146(16)
VT-131 BR-15

Boring No.: **B-101**
Page No.: 1 of 2
Pin No.: 00C266
Checked By: MLM

Boring Crew: DAIGNEAULT, NIETO, HOOK
Date Started: 5/21/14 Date Finished: 5/21/14
VTSPG NAD83: N 332786.72 ft E 1652145.06 ft
Station: 41+64 Offset: -13.00
Ground Elevation: 803.9 ft

Casing Type: WB Sampler: 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 = 1.33

Groundwater Observations		
Date	Depth (ft)	Notes
05/21/14	7.1	After 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 %
0.0		Asphalt Pavement, 0.0 ft - 1.24 ft								
2.5		Field Note: No Recovery, Roller coned and cleaned out casing.				11-12-9-13 (21)				
5.0		A-2-4, SiSaGr, Lt/brn, Moist, Rec. = 0.6 ft, Roller coned and cleaned out casing.				10-9-33-R@2.5" (42)	11.4	41.5	32.5	26.0
5.0		A-1-b, SiSaGr, Dk/brn, Moist, Rec. = 0.6 ft, Lab Note: Broken Rock was within sample.				22-34-33-R@5.0" (67)	11.9	51.2	27.6	21.2
7.5		Field Note: No Recovery				R@5.0" (R)				
7.5		Field Note: NXDC								
10.0		A-2-4, GrSiSa, Dk/brn-gry, Moist, Rec. = 1.0 ft, NXDC and cleaned out casing.				14-16-23-31 (39)	12.8	28.3	36.3	35.4
12.5		A-2-4, SiSaGr, gry-Dk/brn, Moist, Rec. = 1.0 ft, NXDC and cleaned out casing. Lab Note: Broken Rock was within sample.				32-28-25-R@1.0" (53)	11.8	38.1	33.5	28.4
15.0		A-2-4, SiSaGr, gry, Moist, Rec. = 1.4 ft, NXDC and cleaned out casing. Lab Note: Broken Rock was within sample.				15-13-19-14 (32)	14.9	37.1	31.8	31.1
17.5		A-4, GrSaSi, gry, Moist, Rec. = 1.2 ft, NXDC and cleaned out casing. Lab Note: Broken Rock was within sample.				13-8-7-6 (15)	14.5	26.6	36.4	37.0
20.0		A-2-4, SiGrSa, gry, Moist, Rec. = 0.8 ft, NXDC and cleaned out casing. Lab Note: Broken Rock was within sample.				3-3-4-10 (7)	14.6	34.6	36.3	29.1
20.0		A-4, GrSiSa, gry-tan, Moist, Rec. = 0.8 ft				8-24-17-8 (41)	16.9	25.0	39.1	35.9
22.5		Field Note: 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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27.5		A-1-b, GrSa, Lt/brn, Moist, Rec. = 0.7 ft, Lab Note: Broken Rock was within sample.				9-7-41-28 (48)	10.8	36.1	50.9	13.0
27.5		Visual Description: Mostly Broken Rock with silty sand, Dk/gry, Moist Rec. = 0.2 ft					9.5			
30.0		Field Note: NXDC								
30.0		A-1-b, SiGrSa, gry, Moist, Rec. = 0.5 ft, Lab Note: Broken Rock was within sample.				28-R@3.5" (R)	13.9	35.4	42.7	21.9
32.5		Field Note: NXDC								
35.0		A-1-b, SiGrSa, gry, Moist, Rec. = 0.1 ft				R@1.0" (R)	13.1	37.6	40.6	21.8
35.0		35.1 ft - 40.1 ft, Dark-to light-gray, lustrous, carbonaceous chlorite-biotite-muscovite-quartz Phyllite, with thin beds of quartzite. Moderately hard, Unweathered, Fair rock, NXMDC, RMR = 56	1 (40)	94 (66)	5					Top of Bedrock @ 35.1 ft
37.5					8					
37.5					7					
40.0					6					
40.0		40.1 ft - 45.1 ft, Dark-to light-gray, lustrous, carbonaceous chlorite-biotite-muscovite-quartz Phyllite, with thin beds of quartzite. Moderately hard, Unweathered, Good rock, NXMDC, RMR = 63	2 (40)	94 (90)	5					
42.5					7					
42.5					7					
45.0					9					
45.0					7					
45.0		Hole stopped @ 45.1 ft								
47.5		Remarks: Hole collapsed at 16.7 ft.								

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BORING LOG 2 WEATHERSFIELD STP 0146(16) GPJ VERMONT AOT.GDT 5/29/14

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