



**BORING LOG**

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

Boring No.: **B-102**  
Page No.: **1 of 2**  
Pin No.: **00C266**  
Checked By: **MLM**

Boring Crew: **DAIGNEAULT, JUDKINS**  
Date Started: **5/22/14** Date Finished: **5/22/14**  
VTSPG NAD83: **N 332782.31 ft E 1652097.56 ft**  
Station: **41+24** Offset: **12.80**  
Ground Elevation: **807.3 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 45C SKID C = 1.33**

Groundwater Observations		
Date	Depth (ft)	Notes
		Not recorded.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate (min/feet)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 1.21		Asphalt Pavement, 0.0 ft - 1.21 ft								
2.5		Visual Description: GrSa with Asphalt Pavement, Dk/brn, Moist, Rec. = 0.9 ft				13-12-12-15 (24)	11.3			
		A-1-b, GrSa, brn, Moist, Rec. = 1.1 ft				7-14-9-6 (23)	11.4	34.5	48.7	16.8
5.0		Visual Description: SaSi with Asphalt Pavement, brn, Moist, Rec. = 0.9 ft				9-8-48-27 (56)	13.8			
7.5		A-4, SaGrSi, brn, Moist, Rec. = 0.4 ft, NXDC. Lab Note: Broken Rock was within sample.				8-4-5-8 (9)	14.0	34.7	27.4	37.9
10.0		A-4, SaSi, Lt/brn, MTW, Rec. = 0.5 ft, NXDC and Cleaned out casing.				6-2-2-2 (4)	18.9	17.3	33.7	49.0
12.5		A-2-4, GrSiSa, Lt/brn, MTW, Rec. = 0.2 ft, NXDC and Cleaned out casing.				4-3-2-4 (5)	17.2	24.2	43.5	32.3
15.0		A-1-b, SaGr, brn, MTW, Rec. = 0.4 ft, NXDC. Lab Note: Broken Rock was within sample.				9-3-3-5 (6)	14.4	54.7	28.0	17.3
17.5		A-2-4, SiSaGr, brn, MTW, Rec. = 0.9 ft, NXDC. Lab Note: Broken Rock was within sample.				6-5-6-6 (11)	16.6	37.3	33.7	29.0
20.0		A-2-4, SiSaGr, brn-gry, MTW, Rec. = 0.6 ft, NXDC. Lab Note: Broken Rock was within sample.				5-11-7-7 (18)	19.7	44.0	30.2	25.8
22.5		Visual Description: SaGr, brn-gry, MTW, Rec. = 0.1 ft, Insufficient sample for testing.				5-3-8-4 (11)	30.5			
		Field Note: NXDC and Cleaned out casing.								

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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Groundwater Observations		
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Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate (min/feet)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
27.5		Field Note: No Recovery, Appears to be silty sand in water return.				4-1-2-1 (3)				
30.0		Field Note: NXDC and Cleaned out casing.								
30.0		Lab Note, Sample was mostly fractured rock pieces, Dk/gry, Wet, Rec. = 0.5 ft				35-R @ 2.5" (R)	46.0	42.7	38.9	18.4
30.7		30.7 ft - 35.7 ft, Dark-to light-gray, lustrous, carbonaceous chlorite-biotite-muscovite-quartz Phyllite, with thin beds of quartzite. Moderately hard, Unweathered, Fair rock, NXMDC, RMR = 51	1 (40)	94 (38)	4					
32.5					5					
35.0					4					
35.0					6					
37.5		35.7 ft - 40.7 ft, Dark-to light-gray, lustrous, carbonaceous chlorite-biotite-muscovite-quartz Phyllite, with thin beds of quartzite. Moderately hard, Unweathered, Fair rock, NXMDC, RMR = 51	2 (40)	100 (34)	4					
37.5					6					
40.0					5					
40.0					6					
40.0					8					
40.7		Hole stopped @ 40.7 ft								
42.5		Remarks: Hole collapsed at 7.2 ft.								
45.0										
47.5										

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

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