



BORING LOG

WOODSTOCK
BF 0241(44)
VT-12 BR-19

Boring No.: **B-101**
Page No.: **1 of 2**
Pln No.: **13C272**
Checked By: **END**

Boring Crew: **JUDKINS, NIETO, HOOK**
Date Started: **5/29/14** Date Finished: **5/30/14**
VTSPG NAD83: **N 418652.32 ft E 1624741.19 ft**
Station: _____ Offset: _____
Ground Elevation: **851.68 ft**

Casing Type: **WB** Sampler Type: **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
05/30/14	12.1	AM
05/30/14	12.9	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 %
		Asphalt Pavement, 0.0 ft - 0.52 ft								
		A-1-a, SaGr, Lt/brn, Moist, Rec. = 0.9 ft				6-6-5-8 (11)	6.2	56.4	29.9	13.7
		A-1-a, SaGr, Lt/brn, Moist, Rec. = 1.0 ft				8-8-10-9 (18)	3.3	55.9	30.2	13.9
5		Field Note: No Recovery				6-2-2-3 (4)				
		A-2-4, GrSa, Lt/brn, Moist, Rec. = 1.0 ft				2-2-2-3 (4)	12.2	32.4	49.1	18.5
10		A-1-b, GrSa, brn, Moist, Rec. = 1.3 ft, Roller coned ahead.				3-4-6-5 (10)	10.7	36.3	48.9	14.8
		A-2-4, GrSa, Dk/brn, Moist, Rec. = 1.0 ft, Roller coned ahead.				3-3-6-13 (9)	18.5	21.2	63.4	15.4
		A-2-4, SiSaGr, Dk/gry, MTW, Rec. = 0.5 ft, Lab Note: Broken Rock was within sample.				32-25-32-R@2.5" (57)	13.8	38.5	31.7	29.8
15		Field Note: Roller coned ahead.				25-37-R@5.0" (R)	11.8	9.8	41.4	48.8
		Field Note: No Recovery				39-R@5.0" (R)	11.8	10.8	35.7	53.5
		Field Note: NXDC								
		A-4, SaSi, gry, Moist, Rec. = 1.1 ft								
20		Field Note: NXDC								
		A-4, SaSi, gry, Moist, Rec. = 0.9 ft								
		Field Note: NXDC								
25		Field Note: NXDC								
		A-4, SaSi, gry, Moist, Rec. = 1.0 ft				30-44-R@2.5" (R)	14.3	13.5	28.5	58.0
		Field Note: NXDC								
30		Field Note: NXDC								
		A-4, GrSaSi, gry, Moist, Rec. = 0.9 ft				39-R@5.0" (R)	9.0	26.2	30.8	43.0
		Field Note: NXDC								
35		Field Note: NXDC								
		A-4, SaSi, gry, Moist, Rec. = 0.5 ft				R@6.0" (R)	10.9	10.6	31.4	58.0
		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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Rig: **CME 55 TRACK** **C = 1.46**

Groundwater Observations

Date	Depth (ft)	Notes
05/30/14	12.1	AM
05/30/14	12.9	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 %
		A-4, GrSaSi, gry, Moist, Rec. = 1.1 ft				20-36-42-R@6.0" (78)	11.9	24.9	31.4	43.7
45		Field Note: NXDC				R@5.0" (R)				
		Field Note: No Recovery								
50		Field Note: NXDC								
		Field Note: No Recovery				28-43-R@3.5" (R)				
55		Field Note: NXDC								
		A-4, SaSi, gry, Moist, Rec. = 1.4 ft				14-28-32-R@3.5" (60)	11.6	15.5	33.0	51.5
60		58.4 ft - 63.4 ft, Silver-gray, Micaceous quartz-rich meta- Limestone, with interbedded phyllite. Hard to moderately hard, Slightly weathered, Fair rock, NXMDC, RMR = 54	1 (?)	42 (24)	6					
					6					
					9					
					18					
					13					
65		63.4 ft - 68.4 ft, Silver-gray, Micaceous quartz-rich meta- Limestone, with interbedded phyllite. Hard to moderately hard, Moderately weathered, Fair rock, NXMDC, RMR = 54	2 (?)	76 (22)	6					
					7					
					14					
					5					
					8					
70		Hole stopped @ 68.4 ft								
		Remarks: Hole collapsed at 28.7 ft.								
75										

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BORING LOG

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Boring No.: **B-102**
Page No.: **1 of 2**
Pin No.: **13C272**
Checked By: **END**

Boring Crew: **JUDKINS, NIETO, HOOK**
Date Started: **5/28/14** Date Finished: **5/29/14**
VTSPG NAD83: **N 418590.42 ft E 1624773.75 ft**
Station: _____ Offset: _____
Ground Elevation: **852.24 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 55 TRACK C = 1.46**

Groundwater Observations		
Date	Depth (ft)	Notes
05/29/14	10.6	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate (min/ft)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-1-b, SaGr, Lt/brn, Moist, Rec. = 1.2 ft				12-16-12-11 (28)	8.1	43.1	39.9	17.0
		A-1-b, SaGr, brn, Moist, Rec. = 0.4 ft				18-R@2.5" (R)	13.5	47.5	43.7	8.8
10		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft				6-5-4-2 (9)	18.4	8.4	66.5	25.1
		Visual Description: Broken Rock with silty sand, brn, Moist, Rec. = 0.3 ft				3-4-7-7 (11)	9.1			
15		A-2-4, Sa, brn, MTW, Rec. = 0.4 ft, Roller coned.				4-4-4-R@5.0" (8)	20.3	14.1	66.7	19.2
		Field Note: No Recovery				R@0.0" (R)				
20		A-2-4, SiGrSa, gry, Moist, Rec. = 0.4 ft				R@5.0" (R)	11.4	29.5	42.6	27.9
		Field Note: NXDC								
25		A-4, GrSaSi, gry, Moist, Rec. = 0.7 ft				40-R@5.0" (R)	12.1	22.7	26.1	51.2
		Field Note: NXDC								
30		A-4, SaSi, gry, Moist, Rec. = 1.2 ft				20-38-R@3.5" (R)	12.7	9.7	34.2	56.1
		Field Note: NXDC								
35		A-4, SaSi, gry, Moist, Rec. = 1.0 ft				32-49-R@2.5" (R)	12.9	10.6	33.4	56.0
		Field Note: NXDC								
40		A-4, SaSi, gry, Moist, Rec. = 1.1 ft				13-46-R@1.0" (R)	11.3	18.0	29.5	52.5
		Field Note: NXDC								

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Station: _____ Offset: _____
Ground Elevation: **852.24 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 55 TRACK C = 1.46**

Groundwater Observations		
Date	Depth (ft)	Notes
05/29/14	10.6	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate (min/ft)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
35		A-4, SaSi, gry, Molst, Rec. = 1.2 ft				10-28-38-R@5.0" (66)	13.4	8.0	32.5	59.5
		Field Note: NXDC								
40		A-4, GrSaSi, gry, Moist, Rec. = 1.2 ft				15-48-R@5.0" (R)	11.8	23.1	29.3	47.6
		Field Note: NXDC								
45		A-4, SaSi, gry, Molst, Rec. = 1.2 ft				18-24-30-R@5.0" (54)	11.1	16.1	28.7	55.2
		41.7 ft - 46.7 ft, Silver-gray, Micaceous quartz-rich meta- Limestone, Hard, Unweathered, Very good rock, NXMDC, RMR = 86	1 (?)	92 (86)	7	9	6	5	4	4
50		41.7 ft - 46.7 ft, Silver-gray, Micaceous quartz-rich meta- Limestone, Hard, Unweathered, Very good rock, NXMDC, RMR = 86								
		46.7 ft - 51.7 ft, Silver-gray, Micaceous quartz-rich meta- Limestone, Hard, Unweathered, Very good rock, NXMDC, RMR = 89	2 (?)	100 (96)	4	3	4	4	4	4
Hole stopped @ 51.7 ft										
Remarks: Hole collapsed at 1.9 ft.										

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BORING LOG 2 WOODSTOCK BF 0241(44) GPJ VERMONT AOT.GDT 6/5/14

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