



BORING LOG

Woodstock
NH SCRP(16)
US-4

Boring No.: B-101
Page No.: 1 of 2
Pin No.: 16d013
Checked By: SPM

Boring Crew: Emerson, Olden, Garrow
Date Started: 12/08/16 Date Finished: 12/14/16
VTSPG NAD83: N 414104.94 ft E 1641024.06 ft
Station: 408+19 Offset: -12.30
Ground Elevation: 696.9 ft

Casing: WB
Sampler: SS
Type: I.D.: 3 in 1.5 in
Hammer Wt: N.A. 140 lb.
Hammer Fall: N.A. 30 in.
Hammer/Rod Type: Auto/AWJ
Rig: Diedrich D25 CE = Unknown

Groundwater Observations		
Date	Depth (ft)	Notes
12/14/16	18.2	W.T. before drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 1.0 ft					
		A-1-b, GrSa, brn, Moist, Rec. = 0.6 ft	4-5-30-10 (35)	12.2	30.0	56.9	13.1
		A-1-b, SiGrSa, brn, Moist, Rec. = 0.5 ft	7-7-5-5 (12)	14.7	28.3	50.0	21.7
5		Field Note: BXDC, Cleaned out casing					
		A-1-b, SaGr, brn, Moist, Rec. = 0.3 ft, Lab Note: Broken rock was within sample	10-5-5-5 (10)	14.6	54.3	37.7	8.0
		A-4, GrSaSi, gry, Moist, Rec. = 0.8 ft	8-4-2-3 (6)	17.0	20.8	39.2	40.0
		Field Note: BXDC, Cleaned out casing					
10		A-4, SaSi, gry, Moist, Rec. = 1.7 ft	3-3-4-5 (7)	20.5	7.8	35.8	56.4
		Field Note: BXDC, Cleaned out casing					
		A-4, SaSi, gry, Moist, Rec. = 1.9 ft	7-9-10-12 (19)	17.8	10.4	34.4	55.2
		Field Note: BXDC, Cleaned out casing					
		A-4, SaSi, gry, Moist, Rec. = 0.6 ft	5-7-10-15 (17)	13.8	18.8	34.3	46.9
		Field Note: BXDC, Cleaned out casing					
15		A-4, SaSi, gry, Moist, Rec. = 1.5 ft	8-8-11-15 (19)	11.7	18.1	34.2	47.7
		Field Note: BXDC, Cleaned out casing					
		A-4, GrSaSi, gry, Moist, Rec. = 0.8 ft	8-10-20-21 (30)	9.9	21.8	38.3	39.9
		Field Note: BXDC, Cleaned out casing					
20		Field Note: No Recovery	37-33-28-R@0" (61)				
		A-2-4, SaSiGr, gry, Moist, Rec. = 0.6 ft, Lab Note: Broken rock was within sample	9-R@6" (R)	8.8	34.7	31.9	33.4
		Field Note: BXDC, Cleaned out casing					
		A-4, SaSi, gry, Moist, Rec. = 0.7 ft	18-18-R@5" (R)	10.1	14.0	41.9	44.1
		Field Note: BXDC, Cleaned out casing					
25		A-4, GrSiSa, gry, Moist, Rec. = 1.2 ft	17-21-18-21 (39)	10.4	21.1	42.7	36.2

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
 2. <<SUB>><<SUB>> 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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Station: 408+19 Offset: -12.30
Ground Elevation: 696.9 ft

Casing: WB
Sampler: SS
Type: I.D.: 3 in 1.5 in
Hammer Wt: N.A. 140 lb.
Hammer Fall: N.A. 30 in.
Hammer/Rod Type: Auto/AWJ
Rig: Diedrich D25 CE = Unknown

Groundwater Observations		
Date	Depth (ft)	Notes
12/14/16	18.2	W.T. before drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Field Note: BXDC, Cleaned out casing					
30		A-4, SaSi, gry, Moist, Rec. = 1.2 ft	5-9-16-18 (25)	12.5	18.6	37.0	44.4
		Field Note: BXDC, Cleaned out casing					
35		A-2-4, SaSiGr, gry, Moist, Rec. = 0.3 ft, Lab Note: Broken rock was within sample	7-17-16-13 (33)	7.4	50.7	23.1	26.2
		Field Note: BXDC, Cleaned out casing					
40		A-4, SiSa, gry, Moist, Rec. = 0.8 ft, Lab Note: Broken rock was within sample	7-10-R@5" (R)	12.2	19.2	41.6	39.2
		Field Note: BXDC, Cleaned out casing					
45		Field Note: No Recovery	10-10-16-15 (26)				
		Field Note: BXDC, Cleaned out casing					
50		A-4, SaSi, gry, Moist, Rec. = 1.6 ft, Lab Note: Broken rock was within sample	24-18-12-12 (30)	11.6	13.1	42.8	44.1
		Field Note: BXDC, Cleaned out casing					
		Hole stopped @ 52.0 ft					
55		Remarks: Hole collapsed at 23.4 feet.					

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STATE OF VERMONT
AGENCY OF TRANSPORTATION
CONSTRUCTION AND
MATERIALS BUREAU
CENTRAL LABORATORY

BORING LOG

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Boring No.: B-102
Page No.: 1 of 1
Pin No.: 16d013
Checked By: SPM

Boring Crew: Emerson, Olden, Garrow
Date Started: 12/07/16 Date Finished: 12/07/16
VTSPG NAD83: N 414080.30 ft E 1641005.79 ft
Station: 408+00 Offset: 12.40
Ground Elevation: 697.0 ft

Type: WB SS
I.D.: 3 in 1.5 in
Hammer Wt: N.A. 140 lb.
Hammer Fall: N.A. 30 in.
Hammer/Rod Type: Auto/AWJ
Rig: Diedrich D25 CE = Unknown

Groundwater Observations		
Date	Depth (ft)	Notes
12/07/16	4.0	W.T. after drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 1.3		Asphalt Pavement, 0.0 ft - 1.3 ft					
1.3 - 2.2		A-2-4, SiGrSa, brn, Moist, Rec. = 0.9 ft	7-4-4-5 (8)	14.1	24.1	55.2	20.7
2.2 - 2.9		Field Note:, BXDC, Cleaned out casing					
2.9 - 3.5		A-2-4, Sa, brn, Moist, Rec. = 0.6 ft	7-4-2-2 (6)	22.0	12.6	70.6	16.8
3.5 - 4.2		A-4, SiSa, gry, Moist, Rec. = 0.7 ft	3-2-1-1 (3)	21.3	17.9	43.8	38.3
4.2 - 5.2		A-4, SaSi, gry, Moist, Rec. = 1.0 ft	6-4-5-4 (9)	19.3	8.1	35.9	56.0
5.2 - 6.7		A-4, SaSi, gry, Moist, Rec. = 1.5 ft	4-4-8-11 (12)	16.6	9.4	37.8	52.8
6.7 - 7.9		Field Note:, BXDC, Cleaned out casing					
7.9 - 9.1		A-4, GrSaSi, gry, Moist, Rec. = 1.2 ft, Lab Note: Broken rock was within sample	7-9-17-20 (26)	12.3	22.2	34.2	43.6
9.1 - 10.4		Field Note:, BXDC, Cleaned out casing					
10.4 - 11.7		A-4, SaSi, gry, Moist, Rec. = 1.3 ft	6-7-10-13 (17)	11.2	18.0	36.5	45.5
11.7 - 13.3		Field Note:, BXDC, Cleaned out casing					
13.3 - 14.9		A-4, SaSi, gry, Moist, Rec. = 1.6 ft	9-11-17-21 (28)	11.5	16.7	38.9	44.4
14.9 - 16.5		A-4, SaSi, gry, Moist, Rec. = 1.6 ft	12-13-13-17 (26)	10.7	12.1	43.7	44.2
16.5 - 18.1		A-4, SaSi, gry, Moist, Rec. = 1.6 ft	8-10-35-14 (45)	10.7	19.3	39.1	41.6
18.1 - 25.0		Field Note:, BXDC, Cleaned out casing					
25.0 - 26.6		A-4, SaSi, gry, Moist	14-15-R@5" (R)	9.9	6.5	44.6	48.9
26.6 - 29.9		Field Note:, BXDC, Cleaned out casing					
29.9 - 31.0		A-4, SaSi, gry, Moist, Rec. = 1.1 ft	6-8-13-16 (21)	15.0	8.6	42.3	49.1
31.0 - 36.7		A-4, SiSa, gry, Moist, Rec. = 1.7 ft	10-10-13-14 (23)	10.7	16.5	42.2	41.3
36.7 - 37.0		Hole stopped @ 37.0 ft					
37.0 - 40.0		Remarks: Hole collapsed at 31.4 feet.					

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