



Boring Crew: Garrow, Judkins, Olden
Date Started: 1/04/17 Date Finished: 1/26/17
VTSPG NAD83: N 276873.52 ft E 1618865.92 ft
Station: 676+67.85 Offset: -8.58
Ground Elevation: 570.78 ft

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 55 TRACK CE = 1.41

Groundwater Observations		
Date	Depth (ft)	Notes
01/06/17	11.7	W.T. before drilling
01/10/17	11.3	W.T. before drilling
01/19/17	11.4	W.T. before drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Drill Rate (minutes/ft)	Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-1-b, SaGr, blk, Moist, Rec. = 0.7 ft, Lab Note: Broken rock and a small amount of organic material was within sample			13-4-3-3 (7)	25.6	52.7	35.3	12.0
		A-2-4, SiSa, brn, Moist, Rec. = 0.2 ft			4-5-6-4 (11)	14.1	10.7	66.9	22.4
		A-1-a, SaGr, brn, Moist, Rec. = 0.8 ft, Lab Note: Broken rock was within sample			11-12-5-6 (17)	11.3	35.2	52.2	12.6
		Field Note: Rollercone, Cleaned out casing			WR-3-4-14 (7)	22.2	15.4	72.3	12.3
		A-2-4, GrSa, brn, Moist, Rec. = 0.3 ft			12-3-3-3 (7)	10.2	62.6	30.9	6.5
		Field Note: No Recovery			11-15-24-20 (39)	8.9	60.0	31.1	8.9
		Field Note: NXDC, Cleaned out casing			15-23-21-33 (44)	8.3	64.8	26.5	8.7
		A-1-a, SaGr, brn, Moist, Rec. = 1.0 ft, Lab Note: A lot of broken rock was within sample			30-17-19-20 (36)				
		Field Note: NXDC, Cleaned out casing			17-22-9-9 (31)				
		A-1-a, SaGr, brn, Moist, Rec. = 0.8 ft			9-12-10-5 (22)	8.2	69.0	26.0	5.0
		Field Note: NXDC, Cleaned out casing			5-5-4-5 (9)				
		Field Note: No Recovery			6-5-7-8 (12)	12.1	43.6	47.7	8.7
		Field Note: NXDC, Cleaned out casing			8-6-9-7 (15)				
		A-1-a, SaGr, brn, Moist, Rec. = 0.3 ft, Field Note: Rock stuck in end of sampler			6-7-12-17 (19)	11.7	62.0	21.2	16.8
		Field Note: NXDC, Cleaned out casing							
		A-1-b, SaGr, brn, Moist, Rec. = 0.2 ft, Field Note: Rock stuck in end of sampler			12-17-14-6 (31)	8.7	62.9	27.7	9.4
		Field Note: NXDC, Cleaned out casing							
		A-1-a, SaGr, brn, Moist, Rec. = 0.7 ft			6-10-7-10 (17)	17.4	16.5	73.3	10.2
		Field Note: NXDC, Cleaned out casing							
		A-1-b, Sa, brn, Moist, Rec. = 0.9 ft			16-23-17-13 (40)				
		Field Note: NXDC, Cleaned out casing							
		Field Note: No Recovery			16-13-8-5 (21)	11.7	44.1	45.6	10.3
		Field Note: NXDC, Cleaned out casing							
		A-1-b, GrSa, brn, Moist, Rec. = 0.5 ft							
		Field Note: NXDC, Cleaned out casing							
		Field Note: Unable to sample due to flowing sand							

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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Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Drill Rate (minutes/ft)	Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
60		Field Note: NXDC, Cleaned out casing							
		A-2-4, Sa, brn, Moist, Rec. = 1.2 ft			10-10-11-11 (21)	23.1	4.8	82.6	12.6
		Field Note: No Recovery							
		A-1-b, GrSa, brn, Moist, Rec. = 1.3 ft			13-18-17-16 (35)	10.8	36.7	43.4	19.9
70		Field Note: BXDC, Cleaned out casing							
		A-1-b, GrSa, gry, Moist, Rec. = 0.5 ft			32-R@2.5" (R)	10.0	39.1	41.2	19.7
		Field Note: No Recovery			R@1" (R)				
		Field Note: BXDC, Cleaned out casing							
80		Field Note: No Recovery			R@1" (R)				
		Field Note: No Recovery							
		A-2-4, GrSa, brn, Moist, Rec. = 0.5 ft, Lab Note: Weathered rock was within sample			R@6" (R)	11.0	22.2	61.0	16.8
		Field Note: BXDC, Cleaned out casing							
90		90.1 ft - 95.1 ft, BX	1	6					Top of Bedrock @ 90.1 ft
				4					
				4					
				5					
				4					
				4					
				5					
				4					
100		Hole stopped @ 100.1 ft							
		Remarks: Hole collapsed at 12.5 feet.							
		1. Lost water return at 6 feet.							
		2. Regained water return at 32 feet.							
		3. Sleeved down with 3 inch casing at 70 feet.							
		4. No water tanle observed after drilling 1/5/2017.							
		5. Water table before drilling 1/17/2017 observed at 10.6 feet.							
		6. Water table before drilling 1/18/2017 observed at 4.0 feet.							

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BORING LOG 2 CHESTER GMRC(11) GPJ VERMONT AOT.GDT 3/10/17