



Boring Crew: JUDKINS, DAIGNEAULT, NIETO  
Date Started: 4/03/14 Date Finished: 4/04/14  
VTSPG NAD83: N 680610.25 ft E 1795985.87 ft  
Station: 106+71 Offset: 10.00  
Ground Elevation: 914.1 ft

Type: Casing 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 CE = 1.33

Groundwater Observations		
Date	Depth (ft)	Notes
04/03/14	7.0	End of day.
04/04/14	9.0	Before drilling.
04/04/14	6.6	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Cone Rec. % (ROD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Field Note: Asphalt Pavement								
		Visual Description: SiGrSa, gry, Moist, Rec. = 1.1 ft, Lab Note: Lots of Asphalt Pavement was within sample.				19-29- R@2.5" (R)	9.8			
5		A-4, SaSi, Dk/bm, MTW, Rec. = 1.5 ft, Lab Note: Broken Rock was within sample. Roller coned and cleaned out casing.				32-27- 30 R@1.0" (57)	24.6	19.0	39.9	41.1
		Field Note: No Recovery. Appears to be sandy gravel, Roller coned and cleaned out casing.				19-17- 10-7 (27)				
		Field Note: No Recovery., Roller coned and cleaned out casing.				5-10-20- 25 (30)				
10		A-1-b, SaGr, gry, MTW, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample. Roller coned and cleaned out casing.				12-18- 19-18 (37)	12.6	50.4	32.9	16.7
		A-4, GrSaSi, tan, Moist, Rec. = 0.3 ft, Lab Note: Broken Rock was within sample. Roller coned and cleaned out casing.				26- R@5.0" (R)	10.2	28.7	30.5	40.8
		A-4, SaGrSi, gry, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.				45-21- 15-20 (36)	9.8	31.3	30.5	38.2
15		Field Note: No Recovery, NXDC, Cleaned out casing.				36-15- 40- R@2.5" (55)				
		A-4, GrSaSi, gry, Moist, Rec. = 1.2 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.				40-27- 36- R@0.0" (63)	9.8	22.5	35.4	42.1
20		A-4, SaSi (HP), gry, Moist, Rec. = 1.5 ft				19-25- 30- R@3.5" (55)	11.6	3.9	29.6	66.5
25		A-4, SaGrSi (HP), gry, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.				22-27- 18-28 (45)	11.1	24.9	20.7	54.4

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.  
<<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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		Field Note: NXDC, advanced casing								
30		A-4, SaGrSi (HP), gry, Moist, Rec. = 1.1 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.				11-14- 16-17 (30)	11.9	27.5	22.2	50.3
		Field Note: NXDC, advanced casing								
35		Field Note: No Recovery				10-11- R@5.0" (R)				
40		Geologist's Note: Till, (HP), NXMDC, Drill time = 3, 15, 8, 21, minutes per foot.								
		41.0 ft - 46.0 ft, Dark gray, Slate, Moderately hard, Unweathered, Good rock, NXMDC, RMR = 68	1 (40)	100 (84)	6					
					6					
					7					
					7					
45					8					
		46.0 ft - 51.0 ft, Dark gray, Slate, Moderately hard, Unweathered, Good rock, NXMDC, RMR = 68	2 (40)	100 (86)	5					
					6					
					7					
					7					
50					7					
		Hole stopped @ 51.0 ft								
		Remarks: Hole collapsed at 8.2 ft.								
55										

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BORING LOG 2 WATERFORD BF 0225(4), GPU, VERMONT AOT, GDT, 1/13/17

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