



STATE OF VERMONT  
 AGENCY OF TRANSPORTATION  
 MATERIALS & RESEARCH SECTION  
 SUBSURFACE INFORMATION

BORING LOG

Huntington BRO 1445(35)

Boring No.: B-4

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Pin No.: 12j162

Checked By: ASP

Boring Crew: New Hampshire Boring, Derry, NH, CBR  
 Date Started: 11/13/13 Date Finished: 11/13/13  
 VTSPG NAD83: N 1527591.25 ft E 655480.80 ft  
 Station: 4+66.50 Offset: 38.40R  
 Ground Elevation: 1087.0 ft

Casing: WB Sampler: SS  
 I.D.: 4.25 in 1.38 in  
 Hammer Wt: N.A. N.A.  
 Hammer Fall: N.A. N.A.  
 Hammer/Rod Type: Manual  
 Rig: CME 45C SKID CE = 1.3

Groundwater Observations

Date	Depth (ft)	Notes
11/13/13	7.0	ACR
11/14/13	7.0	16 hrs

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Rec. = 1.2 ft, 0.0 ft - 0.33 ft, 4-inches topsoil A-4, SaSiGr, brn, Moist			2-6-8-4 (14)	37.5	2.6	59.9	37.5
		A-1-b, SaGrSi, brn, Rec. = 0.9 ft			3-6-37-22 (43)	11.6	40.8	42.8	16.4
5		A-1-a, GrSaSi, gry-brn, Rec. = 0.5 ft			27-27-19-100 (46)	7.8	59.4	25.3	15.3
		A-1-b, GrSaSi, gry-brn, Rec. = 0.3 ft			8-17-17-34 (34)	10.7	55.1	25.5	19.4
		A-1-b, GrSaSi, brn, Rec. = 1.3 ft			23-35-40-100 (75)	8.9	51.1	24.5	24.4
10		A-1-a, GrSaSi, gry-brn, Rec. = 0.5 ft			22-24-33-45 (57)	9.9	58.6	26.3	15.1
		A-4, SiSaGr, gry-brn, Rec. = 0.4 ft			50 (50+)	14.3	22.1	29.8	48.1
15		A-4, SiSaGr, brn, Rec. = 0.4 ft			35-50-100 (150+)	9.7	24.7	27.3	48.0
		A-4, SiSaGr, gry-brn, Rec. = 0.2 ft, Soil classification for this sample based on visual observation			49-50 (50+)				
		A-1-a, GrSaSi, brn, Rec. = 0.2 ft, Probable weathered bedrock			50 (50+)	9.7	63.9	23.0	13.1
20		19.0 ft - 24.0 ft, Gray, greenish gray muscovite-quartz SCHIST, moderately hard, unweathered	1	57 (68.4)	Top of Bedrock @ 19.0 ft				
25		24.0 ft - 29.0 ft, Gray, greenish gray muscovite-quartz SCHIST, moderately hard, slight weathering along foliation	2	46 (41.3)					
30		Hole stopped @ 29.0 ft							

Remarks:  
 Elevations are approximate.

- Notes:
1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
  2. N Values have not been corrected for hammer energy. CE is the hammer energy correction factor. CE is an estimated value.
  3. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.
  4. Ground surface elevations indicated on the boring logs were estimated based on the grading plan provided by VAOT.

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