



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

BORING LOG

FERRISBURGH  
 NHG SGNL(42)  
 US-7

Boring No.: B-103

Page No.: 1 of 1

Pin No.: 13B016

Checked By: MLM

Boring Crew: SALISBURY, DAIGNEAULT, JUDKINS

Date Started: 5/01/13 Date Finished: 5/01/13

VTSPG NAD83: N 622547.38 ft E 1444768.18 ft

Station: 164+50 Offset: 33.00

Ground Elevation: 225.0 ft

Type: \_\_\_\_\_  
 I.D.: \_\_\_\_\_  
 Hammer Wt: \_\_\_\_\_  
 Hammer Fall: \_\_\_\_\_  
 Hammer/Rod Type: \_\_\_\_\_  
 Rig: \_\_\_\_\_

Casing: WB Sampler: SS  
4 in 1.5 in  
N.A. 140 lb.  
N.A. 30 in.  
Auto/AWJ  
CME 55 TRACK C = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
05/01/13	3.2	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-1-b, SaGr, Dk/brn, Moist, Rec. = 0.9 ft	6-8-5-3 (13)	7.8	43.3	40.5	16.2
		A-1-b, SiGrSa, Dk/brn, Moist, Rec. = 0.3 ft	2-3-7-9 (10)	8.7	37.1	37.9	25.0
5		A-4, GrSaSi, brn, Moist, Rec. = 0.3 ft		9.9	28.3	33.4	38.3
		A-4, GrSiSa, brn, Moist, Rec. = 1.4 ft	14-27-26-22 (53)	10.3	27.6	36.3	36.1
5		A-4, GrSiSa, brn, Moist, Rec. = 1.6 ft	27-30-38-R@1.0" (68)	9.7	20.6	42.6	36.8
		A-2-4, GrSiSa, brn, Moist, Rec. = 1.2 ft	21-30-R@5.0" (R)	9.9	24.1	41.9	34.0
10		A-2-4, GrSiSa, brn, Moist, Rec. = 0.8 ft, Lab Note: Some Broken Rock was within sample.	38-R@3.5" (R)	9.4	24.0	41.6	34.4
		A-2-4, GrSiSa, gry, Moist, Rec. = 0.8 ft	25-48-R@2.5" (R)	9.3	26.0	43.0	31.0
15		A-4, SaSi, gry, Moist, Rec. = 1.0 ft	30-49-R@3.5" (R)	10.6	17.2	37.9	44.9
		A-2-4, SiGrSa, gry, Moist, Rec. = 0.8 ft	45-R@5.0" (R)	8.4	28.4	43.7	27.9
25		A-2-4, SiSa, gry, Moist, Rec. = 1.2 ft	21-38-R@2.5" (R)	12.3	7.0	57.6	35.4
	Hole stopped @ 26.2 ft						

Remarks:  
 Hole collapsed at 19.5 feet when casing was removed.

- 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.

BORING LOG 2 FERRISBURGH NHG SGNL(42).GPJ VERMONT AOT.GDT 5/23/13