



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

BORING LOG

RUTLAND-HARTFORD
 NH 020-2(35)
 US-4

Boring No.: **B-236**

Page No.: 1 of 1

Pin No.: 12B188

Checked By: _____

Boring Crew: SALISBURY, JUDKINS
 Date Started: 5/14/13 Date Finished: 5/14/13
 VTSPG NAD83: N 418745.49 ft E 1533422.58 ft
 Station: MM 2.52 Offset: 31.60
 Ground Elevation: 1264.62 ft

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 C_r = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
05/14/13	5.6	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		A-1-b, GrSa, brn, Moist, Rec. = 0.8 ft	6-9-11-13 (20)	9.2	38.2	48.2	13.6		
		A-1-b, SiSaGr, brn, Moist, Rec. = 0.5 ft, Mostly Broken (Cobbles) Rock with Si Sa.	12-16-16-18 (32)	12.3	49.1	27.4	23.5		
5		Visual Description: SaGr, brn, Moist, Rec. = 0.2 ft, Insufficient sample for testing. Field Note: NXDC, Boulders	R@2.5"						
10		A-4, SaGrSi, brn, Moist, Rec. = 0.7 ft, Broken (Cobbles) Rock was within sample. Field Note: NXDC, Cobbles	7-19-R@1.0" (R)	12.8	30.6	25.6	43.8	21	1
		A-4, SaGrSi, brn, Moist, Rec. = 1.1 ft, Broken (Cobbles) Rock was within sample.	20-19-19-23 (38)	14.6	28.1	21.8	50.1		
		A-4, GrSaSi, brn, Moist, Rec. = 0.7 ft	15-40-R@5.0" (R)	14.8	29.4	30.7	39.9		
15		A-4, SaSi, brn, MTW, Rec. = 1.7 ft	14-18-32-R (50)	16.0	15.6	37.2	47.2		
		Visual Description: GrSa, brn, Moist, Rec. = 0.2 ft, Insufficient sample for testing.	R@2.5"						
		Visual Description: Broken Rock, gry, Moist, Rec. = 0.1 ft	R@1.0"						
20		A-1-b, SiSa, brn, Moist, Rec. = 0.5 ft, Little Broken Rock was within sample.	45-R@1.0" (R)	10.0	12.3	63.7	24.0		
		A-1-b, SiGrSa, brn, Moist, Rec. = 0.6 ft, Broken Rock was within sample.	28-R@5.0" (R)	8.8	27.3	50.7	22.0		
25		Visual Description: Lots of Broken Rock with Sa, brn, Moist, Rec. = 0.5 ft	16-R@0.0" (R)						
		Hole stopped @ 26.0 ft							
		Remarks: Hole collapsed at 19.4 ft.							

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_r 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 RUTLAND-HARTFORD NH 020-2(35), GPJ, VERMONT AOT, GDT, 8/12/13