



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

BORING LOG

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

Boring No.: **B-235**

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Pin No.: 12B188

Checked By: \_\_\_\_\_

Boring Crew: SALISBURY, JUDKINS  
 Date Started: 5/15/13 Date Finished: 5/15/13  
 VTSPG NAD83: N 418759.98 ft E 1533424.64 ft  
 Station: MM 2.52 Offset: 17.00  
 Ground Elevation: 1265.09 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 45C SKID C<sub>s</sub> = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
05/15/13	2.8	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.5 ft					
		A-1-a, SaGr, brn, Moist, Rec. = 1.1 ft, Broken Rock was within sample.	44-28-R@3.5" (R)	7.3	52.9	32.3	14.8
		A-2-4, SiGrSa, brn, Moist, Rec. = 1.3 ft, Broken Rock was within sample.	11-15-23-27 (38)	11.3	27.8	46.0	26.2
5		Visual Description: Mostly Broken Rock with Si Sa, grn-brn, Moist, Rec. = 0.3 ft, Insufficient sample for testing. Field Note: NXDC, Cobbles & Gravel	38-R@5.0"	8.9			
		A-2-4, SaSiGr, brn, MTW, Rec. = 1.0 ft, Broken (Cobbles) Rock was within sample.	12-9-12-13 (21)	12.0	38.6	26.1	35.3
		A-4, SaGrSi, brn, Moist, Rec. = 0.9 ft, Broken (Cobbles) Rock was within sample.	35-40-R@2.5" (R)	13.1	28.8	28.6	42.6
10		Visual Description: Mostly Broken Rock with Si Sa, Lt/brn, Moist, Rec. = 0.3 ft, Insufficient sample for testing. Field Note: NXDC, Cobbles	R@5.0"	10.1			
		A-4, SaSi with a noticeable thin layer of clay, gry-brn, Moist, Rec. = 1.5 ft, Some Broken Rock was within sample.	15-30-20-23 (50)	15.1	17.4	25.1	57.5
15		A-4, SaGrSi, gry-brn, MTW, Rec. = 1.0 ft, Broken Rock was within sample.	25-42-R@3.5" (R)	16.1	26.9	21.3	51.8
		A-4, SaSi, gry-brn, MTW, Rec. = 1.1 ft, Broken Rock was within sample.	10-21-R@0.0" (R)	14.6	19.2	24.3	56.5
		A-4, SaGrSi, gry-brn, MTW, Rec. = 1.2 ft, Broken Rock was within sample.	12-40-R@5.0" (R)	11.9	27.2	24.9	47.9
20		A-4, GrSaSi, Lt/brn, MTW, Rec. = 0.8 ft, Little Broken Rock was within sample.	22-48-R@3.5" (R)	10.2	24.8	32.8	42.4
		A-4, GrSaSi, Lt/brn, MTW, Rec. = 0.4 ft, Little Broken Rock was within sample.	R@6.0"	12.7	22.5	35.7	41.8
25		Visual Description: Mostly Broken Rock with Si Sa, Lt/brn, MTW, Rec. = 0.3 ft, Insufficient sample for testing.  Hole stopped @ 24.4 ft	R@5.0"	8.7			
		Remarks: Hole collapsed at 3.7 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 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).GP.J VERMONT AOT.GDT 8/12/13