



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

BORING LOG

WOODFORD  
 NH 010-1(47)  
 VT-9 BR-12

Boring No.: **B-101**

Page No.: 1 of 1

Pin No.: 12B402

Checked By: TDE

Boring Crew: DAIGNEAULT, JUDKINS  
 Date Started: 10/16/13 Date Finished: 10/17/13  
 VTSPG NAD83: N 139374.95 ft E 1475038.79 ft  
 Station: 21+55 Offset: 21.40  
 Ground Elevation: 1421.3 ft

Type: WB 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<sub>s</sub> = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
10/17/13	4.4	AM, Before drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-4, SiSa, brn, Moist, Rec. = 0.8 ft	3-7-11-R (18)	12.3	18.8	42.8	38.4
		Field Note:, NXDC, Cleaned out casing					
5		A-2-4, SiSaGr, brn, Moist, Rec. = 0.5 ft, Broken Rock was within sample.	26-37 (R@1.0")	9.0	38.8	33.3	27.9
		Field Note:, NXDC, Cleaned out casing					
10		A-4, GrSaSi, brn, Moist, Rec. = 0.6 ft	17-47 (R@2.5")	13.2	21.7	37.3	41.0
		Visual Description:, Broken white rock with sand & silt, white, Moist, Rec. = 0.2 ft		7.9			
		A-4, GrSaSi, brn, Moist, Rec. = 0.8 ft, Broken Rock was within sample.	23-28 (R@3.5")	9.4	29.9	31.5	38.6
15		A-4, GrSaSi, brn, MTW, Rec. = 0.7 ft, Broken Rock was within sample.	10-10-43-15 (53)	10.8	27.9	35.1	37.0
		A-4, GrSaSi, brn, Moist, Rec. = 0.4 ft, Broken Rock was within sample.	25-21-27-24 (48)	11.1	27.7	33.9	38.4
		Field Note:, No Recovery	27-45-26-R (71)				
20		A-4, SaGrSi, brn, Moist, Rec. = 0.8 ft, Broken Rock was within sample.	11-15-14-R (29)	11.2	33.1	29.3	37.6
		Field Note:, No Recovery					
		Field Note:, NXDC, Cleaned out casing	(R@0.0")				
25		A-4, GrSaSi, brn, Moist, Rec. = 1.1 ft, Broken Rock was within sample.	11-8-8-17 (16)	11.5	27.5	33.1	39.4
		A-2-4, SiGrSa, brn, Moist, Rec. = 0.9 ft, Broken Rock was within sample.	8-24-37-R (61)	11.0	32.8	34.9	32.3
		Visual Description:, Broken Rock with sand & silt, brn, Moist, Rec. = 0.3 ft, Insufficient sample for testing.		9.3			
30		Visual Description:, Broken Rock with sand & silt, brn, Moist, Rec. = 0.5 ft, Insufficient sample for testing.	35-46 (R@2.5")	7.5			
		Field Note:, No Recovery					
		Field Note:, NXDC, Cleaned out casing	(R@3.5")				
35		A-2-4, GrSiSa, brn, Moist, Rec. = 0.6 ft, Broken Rock was within sample.	28 (R@3.5")	10.1	29.2	35.4	35.4
		Field Note:, NXDC, Cleaned out casing					
40		A-2-4, GrSiSa, brn, Moist, Rec. = 0.4 ft, Broken Rock was within sample.	34 (R@3.5")	10.0	30.6	36.8	32.6
		Hole stopped @ 40.8 ft Hole collapsed at 4.4 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<sub>s</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.

BORING LOG 2 WOODFORD NH 010-1(47).GPJ VERMONT AOT.GDT 10/25/13