



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

BORING LOG

WESTON
BF 013-2(13)
VT-100 BR-98

Boring No.: **B-102**

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Pin No.: 13B076

Checked By: BLS

Boring Crew: JUDKINS, HOOK, STRINGER
Date Started: 6/25/14 Date Finished: 6/25/14
VTSPG NAD83: N 299888.48 ft E 1565145.23 ft
Station: 288+70.53 Offset: 12.40
Ground Elevation: 1431.6 ft

Casing Type: WB
Sampler Type: 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
06/25/14	6.2	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.58		Asphalt Pavement, 0.0 ft - 0.58 ft								
5		A-1-b, GrSa, brn, Moist, Rec. = 0.7 ft, Lab Note: Broken Rock was within sample.				4-13-12-9 (25)	9.9	26.9	62.8	10.3
		A-1-a, SaGr, brn, Moist, Rec. = 0.9 ft, Lab Note: Broken Rock was within sample.				10-10-15-15 (25)	7.4	55.8	34.1	10.1
		A-1-a, SaGr, brn, Moist, Rec. = 0.2 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock was within sample.				38-19-11-15 (30)	5.0	62.5	28.8	8.7
		Field Note: No Recovery, Stone in sampler. NXDC, Cleaned out casing.				10-3-2-2 (5)				
10		A-1-a, SaGr, brn, MTW, Rec. = 0.3 ft, NXDC, Cleaned out casing. Lab Note: Sample was mostly Broken Rock with sand.				3-6-4-5 (10)	9.7	64.5	28.2	7.3
		A-1-b, SiSaGr, brn, Moist, Rec. = 0.4 ft, NXDC, Cleaned out casing. Lab Note: Sample was mostly Broken Rock with silty sand.				13-11-23-26 (34)	10.1	52.3	27.4	20.3
		A-1-b, SiSaGr, brn, Moist, Rec. = 0.1 ft				R@2.5" (R)	9.3	48.0	30.9	21.1
		Field Note: NXDC, Cleaned out casing.								
15		A-2-4, SiGrSa, brn, Moist, Rec. = 0.3 ft, Lab Note: Broken Rock was within sample.				37-R@5.0" (R)	10.6	34.6	38.1	27.3
		Field Note: NXDC, Cleaned out casing.								
		A-1-b, SiSaGr, brn-gry, Moist, Rec. = 0.6 ft, Lab Note: Broken Rock was within sample.				49-R@5.0" (R)	11.5	43.2	35.9	20.9
		Field Note: NXDC, Cleaned out casing. Rec. = 0.1 ft				R@1.0"	7.2			
20		Visual Description: Broken Rock with sand, brn-gry, Moist	1 (40)	94 (48)	3					
		19.1 ft - 20.3 ft, White, Quartz, vein. Hard, Unweathered, Fair rock			3					
		20.3 ft - 24.1 ft, Gray, Biotite-quartz-plagioclase Gneiss, Hard, Unweathered, Fair rock, Closely spaced stained jointing. NXMDC, RMR = 49 for the whole Run.			3					
					2					
					3					
25		24.1 ft - 29.1 ft, Gray, Biotite-quartz-plagioclase Gneiss, Hard, Unweathered, Fair rock, NXMDC, Moderately close spaced jointing. RMR = 64	2 (40)	94 (72)	2					
					2					
					2					
					2					
30		Hole stopped @ 29.1 ft								
		Remarks: Hole collapsed at 10.6 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 WESTON BF 013-2(13).GPJ VERMONT AOT.GDT 8/6/14