



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-104

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Pin No.: 13B076

Checked By: BLS

Boring Crew: JUDKINS, HOOK, STRINGER
Date Started: 6/25/14 Date Finished: 6/26/14
VTSPG NAD83: N 299891.64 ft E 1565121.97 ft
Station: 288+61.25 Offset: -11.90
Ground Elevation: 1431.7 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_r = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
06/26/14	9.6	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 %
		Asphalt Pavement, 0.0 ft - 0.85 ft								
		A-1-b, SaGr, brn, Moist, Rec. = 1.0 ft				13-13-12-22 (25)	7.7	43.5	41.0	15.5
5		Field Note: Cleaned out with Roller cone								
		Visual Description: Sample was mostly Wood pieces with silt & sand, brn, MTW, Rec. = 0.2 ft				5-4-4-10 (8)	76.9 30.9	9.6	61.6	28.8
		A-2-4, SiSa, brn, MTW, Rec. = 0.6 ft								
10		Field Note: Cleaned out with NXDC, Appears to be Cobbles, Boulders, and sand.								
		Field Note: No Recovery, Possible Boulder.				R@0.0" (R)				
		Field Note: NXDC Boulders, Cobbles, and sand								
15		Field Note: No Recovery, Appears to be Cobbles and sand.								
		Field Note: Cleaned out with NXDC, Appears to be Cobbles and sand.				49-R@3.5" (R)				
20		Visual Description: Sample was mostly Broken Rock with silty sand, brn-gry, Moist, Rec. = 0.2 ft				36-R@1.0" (R)	7.6			
		Field Note: Cleaned out with NXDC								
25		Field Note: No Recovery				R@0.0"				
		25.0 ft - 30.0 ft, Gray and white, Biotite-quartz-plagioclase Gneiss, with quartz rich zones. Hard, Unweathered, Fair rock, NXMDC, Closely spaced stained jointing. RMR = 44	1 (30)	98 (0)	3					
					3					
					3					
					3					
30		30.0 ft - 35.0 ft, Gray and white, Biotite-quartz-plagioclase Gneiss, with quartz rich zones. Hard, Unweathered, Fair rock, NXMDC, Closely spaced stained jointing. RMR = 44	2 (30)	100 (14)	2					
					2					
					2					
					2					
35		Hole stopped @ 35.0 ft								
		Remarks: Hole collapsed at 5.0 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