



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-101

Page No.: 1 of 1

Pin No.: 13B076

Checked By: BLS

Boring Crew: JUDKINS, HOOK, STRINGER

Date Started: 6/24/14 Date Finished: 6/24/14

VTSPG NAD83: N 299839.78 ft E 1565087.06 ft

Station: 287+99.61 Offset: -11.30

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 = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
06/24/14	5.5	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 - 0.62 ft								
		A-1-b, SaGr, Lt/brn, Moist, Rec. = 1.1 ft				25-13-10-10 (23)	4.4	47.8	40.4	11.8
5		A-1-a, SaGr, Lt/brn, Moist, Rec. = 0.9 ft, Lab Note: Broken Rock was within sample.				39-28-10-10 (38)	4.3	57.2	31.8	11.0
		A-1-b, SaGr, brn, MTW, Rec. = 0.5 ft, Lab Note: Broken Rock was within sample.				11-9-4-3 (13)	9.7	51.1	34.5	14.4
		A-1-b, SaGr, brn, Wet, Rec. = 0.4 ft Field Note: Cleaned out with Roller cone				8-R@1.0" (R)	18.9	45.7	41.6	12.7
10		A-1-b, SaGr, brn, MTW, Rec. = 0.6 ft, Cleaned out with Roller cone. Lab Note: Broken Rock was within sample.				9-4-7-4 (11)	14.9	47.6	36.2	16.2
		A-1-a, SaGr, brn, MTW, Rec. = 0.8 ft, Cleaned out with Roller cone. Lab Note: Broken Rock was within sample.				5-5-15-16 (20)	13.1	61.5	27.0	11.5
15		A-1-b, SiSaGr, gry, MTW, Rec. = 1.0 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock was within sample.				25-20-21-19 (41)	12.1	43.6	36.3	20.1
		A-2-4, SiSa, brn, MTW, Rec. = 1.1 ft				15-8-10-16 (18)	24.1	9.2	64.2	26.6
		A-1-b, SaGr, brn, MTW, Rec. = 1.0 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock was within sample.				11-17-15-12 (32)	14.4	48.0	37.4	14.6
20		A-2-4, Sa, brn, MTW, Rec. = 1.0 ft				14-12-12-13 (24)	19.8	10.8	74.1	15.1
25		A-2-4, SiSa, brn, MTW, Rec. = 1.5 ft				11-13-16-20 (29)	20.2	0.8	77.9	21.3
		Field Note: NXDC, Cleaned out casing								
30		Geologist's Note: Boulder								
		32.0 ft - 37.0 ft, Gray, Biotite-quartz-plagioclase Gneiss, Hard, Unweathered, Fair rock, NXMDC, Closely spaced stained jointing. RMR = 44	1 (30)	88 (0)	8 4 4 3 4					
35		37.0 ft - 42.0 ft, Gray, Biotite-quartz-plagioclase Gneiss, Hard, Unweathered, Fair rock, NXMDC, Closely spaced stained jointing. Near vertical joint from 40.0 to 42.0 feet. RMR = 44	2 (30)	100 (14)	3 3 3 3					
40										
		Hole stopped @ 42.0 ft								
45		Remarks: Hole collapsed at 6.0 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