



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

BORING LOG

JOHNSON  
BRF 030-2(26)  
VT-15 BR-32

Boring No.: B-103

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Pin No.: 88B193

Checked By: NSM

Boring Crew: WERNER, WHITLOCK, HOLT  
Date Started: 4/18/11 Date Finished: 4/25/11  
VTSPG NAD83: N 780959.34 ft E 1582749.14 ft  
Station: 93+75 Offset: -32.60  
Ground Elevation: 484.34 ft

Casing Type: WB  
Sampler Type: SS  
I.D.: 3 in 1.5 in  
Hammer Wt: N.A. 140 lb.  
Hammer Fall: N.A. 30 in.  
Hammer/Rod Type: Auto/AWJ  
Rig: CME 45C TRACK CE = 1.34

Groundwater Observations

Date	Depth (ft)	Notes

Depth (ft)	Strata (i)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-2-4, SiSa, brn, Moist, Rec. = 0.4 ft				WH-WH-WH-2 (WH)	27.3	13.3	60.0	26.7
		A-1-a, SaGr, brn, Wet, Rec. = 0.7 ft, Broken rock was within sample.				3-7-7-4 (14)	13.5	58.6	34.0	7.4
10		A-3, Sa, brn, Wet, Rec. = 1.6 ft				6-2-3-3 (5)	24.8	5.3	87.3	7.4
		A-2-4, SiSa, brn, Wet, Rec. = 2.0 ft				4-3-2-4 (5)	23.8	1.0	74.6	24.4
20		A-2-4, Sa, brn, Wet, Rec. = 2.0 ft				1-2-3-4 (5)	22.1	4.5	77.4	18.1
		A-1-b, GrSa, brn, Wet, Rec. = 2.0 ft				22-13-11-10 (24)	17.6	27.1	63.3	9.6
30		A-2-4, Sa, brn, Wet, Rec. = 2.0 ft				19-10-8-10 (18)	18.0	16.7	69.7	13.6
		A-2-4, SiSa, brn, Wet, Rec. = 1.2 ft				3-4-3-4 (7)	24.9	8.7	56.9	34.4
40		A-4, SiSa, gry, Wet, Rec. = 1.4 ft				1-4-4-4 (8)	25.0	8.3	52.9	38.8
		A-2-4, SiSa, gry, Wet, Rec. = 0.9 ft				1-3-4-7 (7)	23.5	2.0	73.5	24.5
50		47.4 ft - 48.6 ft, Gray, Quartz-muscovite-chlorite Gneiss, Hard, Unweathered, Good rock, BXMDC, (RMR = 67)	1 (35)	67 (0)	6					
		48.6 ft - 52.4 ft, Gray, Quartz-muscovite-chlorite Gneiss, Hard, Unweathered, Good rock, BXMDC, (RMR = 77)	2 (35)	63 (61)	4					
		Hole stopped @ 52.4 ft								
		Remarks: 1. Called hole due to flash flood.								

BORING LOG 2 JOHNSON BRF 030-2(26) GPJ VERMONT DOT.GDT 7/18/11

Notes:

1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. N Values have not been corrected for hammer energy. CE is the hammer energy correction factor.
3. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.