



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

BORING LOG

ROCHESTER
BHF 0162 (17)
VT-73 BR-16

Boring No.: B-103

Page No.: 1 of 1

Pin No.: 85E035

Checked By: NSM

Boring Crew: SALISBURY, GARROW
Date Started: 4/04/12 Date Finished: 4/06/12
VTSPG NAD83: N 491686.40 ft E 1548209.96 ft
Station: 4+17.69 Offset: -6.91
Ground Elevation: 952.9 ft

Casing: WB Sampler: SS
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 TRACK CE = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
		Same day drilling.
		None Taken

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 - 1.0 ft								
		A-1-a, SaGr, brn, Moist, Rec. = 0.7 ft				11-40-R@3.5"	9.0	58.3	32.6	9.1
		Field Note:, NXDC, Cobbles								
		Lab Note, Broken Rock (Cobbles) were within sample. NXDC., brn, Moist, Rec. = 0.7 ft				7-4-3-2 (7)	12.4	60.0	33.2	6.8
5		A-1-a, SaGr, brn, Wet, Rec. = 0.4 ft				3-14-2-1 (16)	19.9	49.6	34.0	16.4
		Field Note:, Broken Rock (Cobbles) were within sample. NXDC., brn, Moist, Rec. = 0.5 ft				5-13-11-6 (24)	12.7	65.9	21.2	12.9
10		Visual Description:, Mostly Broken Rock with some weathering, grn, Moist, Rec. = 0.3 ft, Insufficient sample for testing. NXDC.				22-R@4.5"				
		Field Class:, NXDC, Decayed rock								
		Visual Description:, Broken Rock with sand, brn, Moist, Rec. = 0.3 ft, Insufficient sample for testing.				3-6-9-12 (15)				
		Lab Note, Broken Rock (Cobbles) were within sample. NXDC., brn, Moist, Rec. = 1.5 ft				15-25-22-22 (47)	9.2	39.4	42.2	18.4
15		Lab Note, Very Weathered & soft rock., gry, Moist, Rec. = 1.3 ft				13-13-14-11 (27)	9.9	50.8	35.0	14.2
		Lab Note, Very Weathered & soft rock., gry, Moist, Rec. = 0.5 ft				2-13-R@3.5"	11.3	44.4	36.4	19.2
20		18.3 ft - 21.3 ft, Light-greenish-gray to lustrous pale-green, chlorite-muscovite-quartz Phyllite, with some quartz beds. Moderately soft, Unweathered, Fair rock, NXMDC, RMR = 49	1 (65)	100 (53)	4					
					3					
					4					
		21.3 ft - 23.3 ft, Light-greenish-gray to lustrous pale-green, chlorite-muscovite-quartz Phyllite, with some quartz beds. Moderately soft, Unweathered, Fair rock, NXMDC, RMR = 49	2 (65)	60 (50)	10					
					8					
		23.3 ft - 28.3 ft, Light-greenish-gray to lustrous pale-green, chlorite-muscovite-quartz Phyllite, with some quartz beds. Moderately soft, Unweathered, Fair rock, NXMDC, RMR = 53	3 (65)	96 (86)	2					
25					2					
					3					
					3					
					3					
30		Hole stopped @ 28.3 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. 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.

BORING LOG 2 ROCHESTER BHF 0162(17).GPJ VERMONT AOT.GDT 4/30/12