



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

BORING LOG

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

Boring No.: B-104

Page No.: 1 of 1

Pin No.: 85E035

Checked By: NSM

Boring Crew: SALISBURY, GARROW  
 Date Started: 4/06/12 Date Finished: 4/06/12  
 VTSPG NAD83: N 491673.96 ft E 1548216.45 ft  
 Station: 4+21.67 Offset: 6.53  
 Ground Elevation: 952.9 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 TRACK CE = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
04/09/12	11.0	AM

Depth (ft)	Strata (i)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 1.0		Asphalt Pavement, 0.0 ft - 1.0 ft								
1.0 - 5.0		A-1-b, SaGr, brn, Moist, Rec. = 0.9 ft, Broken Rock was within sample. NXDC				6-7-7-6 (14)	9.0	44.9	41.0	14.1
5.0 - 10.0		A-1-a, SaGr, grn-brn, Moist, Rec. = 0.5 ft, Broken Rock was within sample.				5-4-8-8 (12)	9.6	64.7	25.2	10.1
10.0 - 16.5		Field Note:, NXDC, Appears to be Gravel								
16.5 - 17.5		Visual Description:, Broken Rock with silt & sand, grn-brn, Wet, Rec. = 0.2 ft, Insufficient sample for testing.				2-2-1-4 (3)	16.3			
17.5 - 21.5		Field Note:, NXDC, Cobbles								
16.5 - 17.5		16.5 ft - 17.5 ft, Light-greenish-gray to lustrous pale-green, chlorite-muscovite-quartz Phyllite, with some quartz beds. Moderately soft, Unweathered, Poor rock, NXMDC, RMR = 39	1 (65)	100 (0)	5					
17.5 - 21.5		17.5 ft - 21.5 ft, Light-greenish-gray to lustrous pale-green, chlorite-muscovite-quartz Phyllite, with some quartz beds. Moderately soft, Unweathered, Poor rock, NXMDC, RMR = 39	2 (65)	40 (12)	2					
21.5 - 21.5		Hole stopped @ 21.5 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