



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

BORING LOG

ROCHESTER  
 ER-BRF 0162(18)  
 VT-73 BR-19

Boring No.: B-203  
 Page No.: 1 of 1  
 Pin No.: 11C332  
 Checked By: CCB

Boring Crew: GARROW, JUDKINS  
 Date Started: 4/09/13 Date Finished: 4/09/13  
 VTSPG NAD83: N 497041.91 ft E 1558625.50 ft  
 Station: 236+55.0 Offset: 11.70  
 Ground Elevation: 827.5 ft

Casing: WB Sampler: 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 55 TRACK C = 1.46

Groundwater Observations		
Date	Depth (ft)	Notes
04/09/13	3.0	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 %
0.0 - 0.6		Asphalt Pavement, 0.0 ft - 0.6 ft								
2.5		A-1-b, SaGr, Dk/brn, Moist, Rec. = 1.2 ft, Lab Note: Broken Rock was within sample.				7-11-15-23 (26)	7.7	44.2	38.3	17.5
5.0		A-1-b, SiSaGr, gry-brn, Moist, Rec. = 1.2 ft, Lab Note: Lots of Pulverized Broken Rock was within sample.				18-14-20-25 (34)	10.2	48.5	31.0	20.5
5.0 - 7.5		Field Note:, No Recovery. Appears to be Gravely Sand				15-18-18-18 (36)				
7.5 - 10.0		Visual Description:, SiSa with large pieces of Broken Rock, gry, MTW, Rec. = 0.4 ft, Insufficient sample for testing.				17-20-25-36 (45)	11.3			
10.0 - 15.0		Visual Description:, Broken Rock, gry, MTW	1 (75)	96 (46)	5					
10.0 - 14.2		9.2 ft - 14.2 ft, Pale green, Quartz-sericite Schist, with Quartzite. Moderately hard, Unweathered, Fair rock, NXMDC, RMR = 54			5					
15.0 - 19.2		14.2 ft - 19.2 ft, Pale green, Quartz-sericite Schist, with Quartzite. Moderately hard, Unweathered, Good rock, NXMDC, RMR = 66	2 (75)	100 (100)	10					
15.0 - 17.5					9					
17.5 - 20.0					8					
20.0 - 22.5					6					
20.0 - 22.5					6					
20.0		Hole stopped @ 19.2 ft								
20.0 - 22.5		Remarks: Hole collapsed at 6.3 ft. Northing, Easting, and Elevation are based off stations and offsets attained in the field and a topographic survey.								

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 ROCHESTER ER-BRF 0162(18), GPJ VERMONT AOT.GDT 5/13/13