



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

BORING LOG

ROCHESTER  
 ER-STP 0162(19)  
 VT-73 BR-13

Boring No.: **B-204**

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Pin No.: 11C334

Checked By: LAR

Boring Crew: DAIGNEAULT, JUDKINS  
 Date Started: 4/29/13 Date Finished: 4/30/13  
 VTSPG NAD83: N 492859.98 ft E 1528723.38 ft  
 Station: 122+60.4 Offset: -21.80  
 Ground Elevation: 1487.31 ft

Casing Sampler  
 Type: WB SS  
 I.D.: 3 in 1.5 in  
 Hammer Wt: N.A. 140 lb.  
 Hammer Fall: N.A. 30 in.  
 Hammer/Rod Type: Manual/AWJ  
 Rig: SMALL SKID RIG C. =

Groundwater Observations		
Date	Depth (ft)	Notes
04/30/13	13.2	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 %
5		Field Note:, BXDC, Cobbles, Lost water return at 4.0 ft.								
10		Field Note:, BXDC, Cobbles								
12.8 - 13.8		Field Note:, BXDC, Cobbles								
12.8 - 13.8		12.8 ft - 13.8 ft, BXDC. Broken Rock.. Possible Top of Bedrock								Top of Bedrock @ 12.8 ft
15		13.8 ft - 19.8 ft, Light gray, Quartz-muscovite Schist, with quartzite. Hard, Unweathered, Fair rock, BXMDC, RMR = 44	1 (40)	64 (10)	6 7 7 10 14					
20		19.8 ft - 22.8 ft, Quartzite, with light gray quartz-muscovite schist. Hard Unweathered, Good rock, BXMDC, RMR = 68	2 (40)	90 (87)	11 11 20					
25		22.8 ft - 24.8 ft, Quartzite, with light gray quartz-muscovite schist. Hard Unweathered, Good rock, BXMDC, RMR = 71	3 (40)	100 (95)	20 12					
25		Hole stopped @ 24.8 ft								
		Remarks: Hole collapsed at 5.1 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 ROCHESTER ER-STP 0162(19).GPJ VERMONT AOT.GDT 5/6/13