



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-104

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Pin No.: 11C334

Checked By: CEE

Boring Crew: SALISBURY, GARROW  
Date Started: 4/03/12 Date Finished: 4/03/12  
VTSPG NAD83: N 492821.50 ft E 1528694.00 ft  
Station: 104+82 Offset: -8.50  
Ground Elevation: 1495.2 ft

Casing Sampler  
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
		None Taken

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 %
		Asphalt Pavement, 0.0 ft - 0.5 ft								
		A-1-a, Gr, white, Moist, Rec. = 1.0 ft				5-11-12-22 (23)	6.2	72.9	19.8	7.3
		A-1-b, SaGr, brn, Moist, Rec. = 0.5 ft, NXDC					7.0	47.5	35.7	16.8
		A-1-a, SaGr, brn, Moist, Rec. = 1.0 ft, NXDC. Broken Rock was within sample.				10-19-11-7 (30)	8.5	61.0	27.6	11.4
5		A-1-b, SaGr, brn, Moist, Rec. = 0.8 ft, NXDC				10-18-R@6.0"	8.7	47.3	36.3	16.4
		A-1-b, SaGr, brn, Moist, Rec. = 1.4 ft, NXDC				18-15-15-15 (30)	8.1	47.6	36.9	15.5
10		A-1-a, SaGr, brn, Moist, Rec. = 1.2 ft, NXDC. Broken Rock (Cobbles) was within sample.				10-12-8-8 (20)	8.8	53.6	31.9	14.5
		A-1-a, SaGr, brn, Moist, Rec. = 0.9 ft, NXDC. Lots of Broken Rock pieces (Cobbles) were within sample.				38-16-26-19 (42)	9.1	61.0	29.6	9.4
		A-1-b, SaGr, brn, Moist, Rec. = 0.7 ft, Lots of Broken Rock pieces (Cobbles) were within sample.				10-R@3.5"	11.7	47.1	39.2	13.7
15		Field Note:, NXDC, Cobbles								
		15.0 ft - 20.0 ft, Light gray, Quartz-muscovite Schist, with quartzite. Hard, Unweathered, Good rock, NXMDC, Evenly scattered small magnetite throughout run. RMR = 68	1 (50)	100 (88)	3	Top of Bedrock @ 15.0 ft				
					2					
					2					
					2					
					2					
20		20.0 ft - 25.0 ft, Light gray, Quartz-muscovite Schist, with quartzite. Hard, Unweathered, Good rock, NXMDC, Evenly scattered small magnetite throughout run. RMR = 64	2 (50)	96 (62)	5					
					2					
					2					
					2					
					3					
25		Hole stopped @ 25.0 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 ER-STP 0162(19).GPJ VERMONT AOT.GDT 6/1/12