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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-103
Page No.: 1 of 1
Pin No.: 11C332
Checked By: CEE

Boring Crew: SALISBURY, GARROW
Date Started: 3/27/12 Date Finished: 3/28/12
VTSPG NAD83: N 497057.50 ft E 1558593.00 ft
Station: 14+43 Offset: -12.50
Ground Elevation: 826.6 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
03/27/12	7.4	AM

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 – 1.3 ft								
		A-1-b, SaGr, brn, Moist, Rec. = 1.0 ft				5-5-6-10 (11)	10.7	44.3	41.3	14.4
5		A-1-b, SaGr, brn, Moist, Rec. = 0.7 ft				2-4-4-3 (8)	15.7	54.7	27.0	18.3
		A-2-4, SiGrSa, brn, Moist, Rec. = 1.0 ft				6-3-2-3 (5)	17.3	29.0	49.8	21.2
		A-2-4, GrSa, brn, Moist, Rec. = 0.7 ft				3-3-3-3 (6)	12.4	31.8	50.7	17.5
10		A-2-4, GrSa, brn, Moist, Rec. = 0.7 ft				3-2-3-2 (5)	12.6	29.2	56.9	13.9
		A-1-b, GrSa, brn, Moist, Rec. = 0.3 ft, Broken Rock was within sample. Advanced casing.				R@3.5"	14.1	29.3	56.4	14.3
		Field Note:, NXMDC, Boulders								
15		Field Note:, Possible Void								
		Field Note:, NXMDC, Boulders								
20		Field Note:, Possible Void								
		A-1-b, Weathered Rock with Sandy Gravel, brn, Moist, Rec. = 0.8 ft				4-5-R@6.0"	11.4	49.0	34.4	16.6
25		24.0 ft – 29.0 ft, Gray, Grading to pale green quartz-sericite Schist, with quartzite. Medium hard, Unweathered, Fair rock, NXMDC, RMR = 59	1 (55)	86 (54)	8 5 6 5 5	Top of Bedrock @ 24.0 ft				
30		29.0 ft – 34.0 ft, Pale green, Quartz-sericite Schist, with quartzite. Moderately hard, Unweathered, Good rock, NXMDC, RMR = 63	2 (55)	94 (86)	5 7 7 7 8					
35		Hole stopped @ 34.0 ft								
40										
45										

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-BRF 0162(18).GPJ VERMONT AOT.GDT 6/1/12