



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

BORING LOG

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

Boring No.: B-102

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Pin No.: 85E035

Checked By: NSM

Boring Crew: SALISBURY, GARROW
Date Started: 4/10/12 Date Finished: 4/10/12
VTSPG NAD83: N 491666.19 ft E 1548173.68 ft
Station: 3+78.26 Offset: 6.12
Ground Elevation: 952.7 ft

Casing: WB
Sampler: SS
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
		Same day drilling.
		None Taken.

Depth (ft)	Strata (1)	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 - 1.0 ft								
		A-1-b, SaGr, brn, Moist, Rec. = 1.2 ft, NXDC				9-12-6-4 (18)	7.5	47.6	40.2	12.2
		A-1-b, SaGr, brn, Moist, Rec. = 1.0 ft, NXDC				4-3-2-4 (5)	12.9	48.5	42.3	9.2
5		A-1-b, GrSa, brn, Moist, Rec. = 0.7 ft, NXDC				3-2-1-1 (3)	15.8	43.3	48.7	8.0
		A-1-b, GrSa, brn, Moist, Rec. = 1.0 ft				9-5-6-15 (11)	14.0	40.1	51.8	8.1
10		Field Note:, NXDC, Cobbles								
		A-1-b, SaGr, brn, Moist, Rec. = 1.0 ft, Lots of Broken Rock was within sample.				5-7-18-22 (25)	12.8	58.3	22.0	19.7
15		A-2-4, SaSiGr, brn, Moist, Rec. = 1.4 ft, Lots of Broken Weathered Rock.				19-16-35-RO@3.5" (51)	13.8	48.9	22.6	28.5
		18.0 ft - 19.0 ft, White, Quartzite, Very hard, Slightly weathered, Poor rock, NXMDC, RMR = 39	1 (50)	50 (0)	3					
		19.0 ft - 23.0 ft, Light-greenish-gray to pale-green, chlorite-muscovite-quartz Phyllite, with some quartz beds. Moderately soft, Slightly to moderately weathered, Poor rock, NXMDC, RMR = 39	2 (50)	100 (0)	3					
20					4					
					7					
					6					
		23.0 ft - 28.0 ft, Light-greenish-gray to pale-green, chlorite-muscovite-quartz Phyllite, with some quartz beds. Moderately soft, Unweathered, Fair rock, NXMDC, RMR = 44	3 (50)	84 (46)	3					
25					3					
					4					
					4					
					4					
					4					
30		Hole stopped @ 28.0 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 BHF 0162(17).GPJ VERMONT AOT.GDT 4/30/12