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

BORING LOG

ENOSBURG
BRO 1448(40)
TH-2 BR-48

Boring No.: B-102
Page No.: 1 of 1
Pin No.: 12J168
Checked By: CAA

Boring Crew: GARROW, JUDKINS, WHITLOCK
Date Started: 10/26/12 Date Finished: 10/26/12
VTSPG NAD83: N 861201.10 ft E 1572920.30 ft
Station: 11+92 Offset: -8.60
Ground Elevation: 558.0 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 55 TRACK	CE = 1.46

Groundwater Observations

Date	Depth (ft)	Notes

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 %
		A-1-a, SaGr, brn-gry, Moist, Rec. = 1.1 ft, Lab Note: Broken Rock was within sample.				2-2-5-40 (7)	5.4	56.2	28.9	14.9
		A-1-a, SaGr, gry, Dry, Rec. = 0.6 ft, Lab Note: Broken Rock was within sample.				1-1-16-R (17)	4.6	61.6	26.4	12.0
5		Field Note:, NXDC, Cobbles								
		Visual Description:, Broken Rock with silty sand, gry, Moist, Rec. = 0.2 ft, Material similar to 3-4.9 ft., Insufficient sample for testing.				(R)	8.4			
		Field Note:, NXDC, Boulder								
10		A-1-b, SaGr, Dk/gry, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.				11-28-16-16 (44)	9.9	60.2	20.4	19.4
		Field Note:, NXDC, Cobbles								
15		A-2-4, SaSiGr, gry, Moist, Rec. = 0.2 ft, Lab Note: Some Broken Rock was within sample.				11-11-30-R (41)	10.4	36.7	29.6	33.7
		Field Note:, NXDC								
20		22.5 ft - 27.5 ft, Silvery-green, Quartz-muscovite-chlorite Schist, Moderately hard, NXMDC, Unweathered from 22.5-25.3 ft., Moderately Weathered from 25.3-25.9 ft., RMR = 72 ; Good rock.	1 (80-90)	82 (72)	7 5 6 7 7	Top of Bedrock @ 22.5 ft				
25		Hole stopped @ 27.5 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.