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

BORING LOG

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

Boring No.: B-104
Page No.: 1 of 1
Pin No.: 12J168
Checked By: CAA

Boring Crew: GARROW, JUDKINS, WHITLOCK
Date Started: 10/24/12 Date Finished: 10/24/12
VTSPG NAD83: N 861117.90 ft E 1572878.10 ft
Station: 10+99 Offset: -13.70
Ground Elevation: 557.4 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-b, GrSa, Dk/brn, Moist, Rec. = 0.9 ft				1-2-3-4 (5)	12.3	37.8	45.8	16.4
5		A-1-a, Gr, gry, Moist, Rec. = 0.8 ft, Lab Note: Sample was mostly Broken Rock.				8-9-R@0.0" (R)	7.8	70.3	19.5	10.2
10		A-1-a, SaGr, gry, Moist, Rec. = 0.3 ft, Lab Note: Sample was mostly Broken Rock.				11-6-4-2 (10)	7.7	72.2	20.2	7.6
15		A-2-4, SiSa, gry, Moist, Rec. = 0.2 ft, Lab Note: Broken Rock was within sample.				R@2.5"	18.3	15.5	53.1	31.4
		16.5 ft - 21.5 ft, Silvery-green, Quartz-muscovite-chlorite Schist, with quartz rich zones. Moderately hard, Unweathered, NXMDC, RMR = 62; Good rock.	1 (80-90)	90 (0)	1 2 2 3 3	Top of Bedrock @ 16.5 ft				
20		21.5 ft - 26.5 ft, Silvery-green, Quartz-muscovite-chlorite Schist, with quartz rich zones. Moderately hard, Unweathered, NXMDC, RMR = 72; Good rock.	2 (80-90)	90 (50)	2 7 6 4 3					
25		Hole stopped @ 26.5 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.

BORING LOG 2 ENOSBURG BRO 1448(40).GPJ VERMONT AOT.GDT 12/17/12