

VTTrans Working to Get You There		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-101				
		ENOSBURG BRO 1448(40) TH-2 BR-48		Page No.: 1 of 1		Pin No.: 12J168				
				Checked By: CAA						
Boring Crew: GARROW, JUDKINS, WHITLOCK		Casing: WB		Sampler: SS		Groundwater Observations				
Date Started: 10/23/12 Date Finished: 10/23/12		I.D.: 4 in 1.5 in		Date: 10/24/12		Depth (ft): 10.9				
VTSPG NAD83: N 861193.20 ft E 1572945.10 ft		Hammer Wt: N.A. 140 lb.		Notes:						
Station: 11+95 Offset: 17.30		Hammer Fall: N.A. 30 in.								
Ground Elevation: 557.11 ft		Hammer/Rod Type: Auto/AWJ								
		Rig: CME 55 TRACK		C _e = 1.46						
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 %
5		A-2-4, GrSiSa, brn, Moist, Rec. = 0.8 ft				WH-1-1-WH (2)	21.5	23.8	47.0	29.2
		A-2-4, SiGrSa, brn, Moist, Rec. = 1.2 ft				1-2-3-2 (5)	19.9	31.6	43.8	24.6
10		A-1-a, SaGr, gry-brn, Moist, Rec. = 1.6 ft, Lab Note: Rounded & Fractured Rocks were within sample.				22-11-21-23 (32)	13.0	57.6	32.4	10.0
		Lab Note, Multiple types of large pieces of fractured rock (Cobbles), gry-yel, Moist					0.8	99.5	0.2	0.3
15		12.0 ft - 17.0 ft, Silvery-green, Quartz-muscovite-chlorite Schist, Moderately hard, Unweathered, NXMDC, RMR = 79; Good rock.	1 (80)	100 (90)	5	Top of Bedrock @ 12.0 ft				
			4							
			4							
			5							
			5							
20		Hole stopped @ 17.0 ft								
25		Remarks: 1. Lost water at 7.0 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. C _e 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.										

VTTrans Working to Get You There		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-102				
		ENOSBURG BRO 1448(40) TH-2 BR-48		Page No.: 1 of 1		Pin No.: 12J168				
				Checked By: CAA						
Boring Crew: GARROW, JUDKINS, WHITLOCK		Casing: WB		Sampler: SS		Groundwater Observations				
Date Started: 10/26/12 Date Finished: 10/26/12		I.D.: 4 in 1.5 in		Date:		Depth (ft):				
VTSPG NAD83: N 861201.10 ft E 1572920.30 ft		Hammer Wt: N.A. 140 lb.		Notes:						
Station: 11+92 Offset: -8.60		Hammer Fall: N.A. 30 in.								
Ground Elevation: 558.0 ft		Hammer/Rod Type: Auto/AWJ								
		Rig: CME 55 TRACK		C _e = 1.46						
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 %
5		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
10		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. Field Note: NXDC, Boulder					(R)	8.4		
15		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								
20		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								
25		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	Top of Bedrock @ 22.5 ft				
			5							
			6							
			7							
			7							
		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. C _e 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.										

PROJECT NAME: ENOSBURG
PROJECT NUMBER: BRO 1448(40)
FILE NAME: ...\\Plot Files\\xx Bor_Log.dgn PLOT DATE: 10/4/2013
PROJECT LEADER: G. BOGUE DRAWN BY: E. ALLING
DESIGNED BY: G. GOYETTE CHECKED BY: G. GOYETTE
BORING LOG 1 SHEET 17 OF 46

