



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

BORING LOG

CAMBRIDGE  
 STP 0235(21)  
 BREWSTER RIVER CAMPGROUND

Boring No.: **B-205**  
 Page No.: 1 of 1  
 Pin No.: 14C132  
 Checked By: MLM

Boring Crew: GARROW, NIETO, HOOK  
 Date Started: 8/13/14 Date Finished: 8/14/14  
 VTSPG NAD83: N 769873.57 ft E 1559270.31 ft  
 Station: \_\_\_\_\_ Offset: \_\_\_\_\_  
 Ground Elevation: 773.3 ft

Type: \_\_\_\_\_ Casing: WB Sampler: 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 C<sub>r</sub> = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
08/14/14	8.3	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Groundwater Observations				
						Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-2-4, SiSa, brn, Moist, Rec. = 0.7 ft, Lab Note: Root pieces were within sample.				WH-WH-1-1 (1)	39.5	4.8	69.7	25.5
		A-1-b, GrSa, brn-gry, Moist, Rec. = 1.4 ft, Lab Note: Broken Rock was within sample.				1-4-8-10 (12)	14.6	38.8	51.4	9.8
		A-1-b, SaGr, gry-brn, Moist, Rec. = 1.7 ft, Lab Note: Broken Rock was within sample.				16-22-18-13 (40)	5.1	59.4	32.7	7.9
		Field Note: No Recovery				R@3.5" (R)				
		Field Note: Cobbles & Boulders								
		Field Note: NXDC, Cleaned out casing.								
		Visual Description: Mostly Broken Rock with gravelly sand, gry, Moist, Rec. = 0.5 ft					6-10-9-10 (19)	8.3		
15		A-1-b, GrSa, gry, Moist, Rec. = 1.7 ft, Lab Note: Broken Rock was within sample.				9-14-25-R@2.5" (39)	11.4	43.1	45.8	11.1
		A-1-b, SiSaGr, gry, Moist, Rec. = 0.9 ft, Lab Note: Broken Rock was within sample.				27-44-R@3.5" (R)	11.2	40.4	38.5	21.1
		A-2-4, GrSiSa, Lt/brn-gry, Moist, Rec. = 0.4 ft, Lab Note: Broken Rock was within sample.				R@5.0" (R) R@1.0" (R)	12.5 11.8	20.1 41.5	54.0 38.7	25.9 19.8
20		A-1-b, SaGr, Lt/brn, Moist, Rec. = 0.1 ft, Lab Note: Broken Rock was within sample.	1 (35)	100 (86)	3					
		18.2 ft - 23.2 ft, Silvery-green to grayish-green, Albite-chlorite-muscovite-quartz Schist, Moderately weathered from 19.0 to 19.2 feet. remainder of run unweathered. Moderately hard, Good rock, NXMDC, RMR = 76			2					
		23.2 ft - 28.2 ft, Silvery-green to grayish-green, Albite-chlorite-muscovite-quartz Schist, Moderately hard, Unweathered, Good rock, NXMDC, RMR = 76	2 (35)	100 (86)	3					
		18.2 ft - 23.2 ft, Silvery-green to grayish-green, Albite-chlorite-muscovite-quartz Schist, Moderately weathered from 19.0 to 19.2 feet. remainder of run unweathered. Moderately hard, Good rock, NXMDC, RMR = 76			3					
		23.2 ft - 28.2 ft, Silvery-green to grayish-green, Albite-chlorite-muscovite-quartz Schist, Moderately hard, Unweathered, Good rock, NXMDC, RMR = 76			3					
25		18.2 ft - 23.2 ft, Silvery-green to grayish-green, Albite-chlorite-muscovite-quartz Schist, Moderately weathered from 19.0 to 19.2 feet. remainder of run unweathered. Moderately hard, Good rock, NXMDC, RMR = 76			3					
		23.2 ft - 28.2 ft, Silvery-green to grayish-green, Albite-chlorite-muscovite-quartz Schist, Moderately hard, Unweathered, Good rock, NXMDC, RMR = 76			3					
		18.2 ft - 23.2 ft, Silvery-green to grayish-green, Albite-chlorite-muscovite-quartz Schist, Moderately weathered from 19.0 to 19.2 feet. remainder of run unweathered. Moderately hard, Good rock, NXMDC, RMR = 76			2					
		23.2 ft - 28.2 ft, Silvery-green to grayish-green, Albite-chlorite-muscovite-quartz Schist, Moderately hard, Unweathered, Good rock, NXMDC, RMR = 76			2					
30	Hole stopped @ 28.2 ft									
	Remarks: Hole collapsed at 10.2 feet.									

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 is the hammer energy correction factor.  
 3. Water level readings have been made at times and under conditions stated. Fluctuations may occur due to other factors than those present at the time measurements were made.

BORING LOG 2 CAMBRIDGE STP 0235(21).GPJ VERMONT AOT.GDT 9/26/14