



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

BORING LOG

CAMBRIDGE
STP 0235(21)
BREWSTER RIVER CAMPGROUND

Boring No.: B-102
Page No.: 1 of 1
Pin No.: 14C132
Checked By: MLM

Boring Crew: JUDKINS, HALL
Date Started: 7/19/13 Date Finished: 7/29/13
VTSPG NAD83: N 769757.42 ft E 1559133.86 ft
Station: _____ Offset: _____
Ground Elevation: 851.51 ft

Casing Sampler
Type: H.S.A. SS
I.D.: 3.25 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 C = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
07/26/13	12.8	While drilling.
07/29/13	23.5	After weekend.

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 %
10		A-1-b, SaGr, brn, Moist, Rec. = 1.4 ft				9-11-9-8 (20)	6.4	38.2	37.3	24.5
		A-1-b, SaGr, brn, Moist, Rec. = 0.4 ft, Broken Rock was within sample. Field Note:, Wet material at 7.0 feet. Moist material at 9.0 feet				8-1-1-WH (2)	3.3	41.9	39.5	18.6
		A-1-b, SaGr, brn, Moist, Rec. = 1.5 ft, Broken Rock was within sample.				16-25-26-R@5.0" (51)	5.1	46.7	35.5	17.8
20		A-4, SiSa, brn, Moist, Rec. = 1.8 ft				13-23-25-26 (48)	10.9	19.2	42.6	38.2
		A-2-4, GrSiSa, brn, Moist, Rec. = 1.5 ft Field Note:, Wet Silt off Augers				19-30-33-R@3.5" (63)	9.1	29.4	41.2	29.4
		Visual Description:, Silt with Broken Rock, brn, Moist, Rec. = 0.1 ft Lab Note, Material was very wet at 28.0 feet				R@1.0"	5.2			
30		A-1-b, Sa, brn, Moist, Rec. = 1.5 ft				8-32-48-R@1.0" (80)	15.1	1.6	88.3	10.1
		Visual Description:, Broken Rock, white-brn, Moist, Rec. = 0.2 ft				R@2.5"	4.1			
		A-1-a, SaGr, brn, Moist, Rec. = 0.4 ft				R@6.0"	9.8	59.2	26.4	14.4
50		Visual Description:, Weathered Rock, Rec. = 0.3 ft				R@3.5"	14.4			
		47.5 ft - 52.5 ft, Silvery-green, To grayish-green, albite-chlorite-muscovite-quartz Schist, Moderately hard, Slightly weathered, Poor rock, BXMDC, RMR = 25	1 (25)	16 (0)	2	Top of Bedrock @ 47.5 ft				
		52.5 ft - 57.5 ft, Silvery-green, To grayish-green, albite-chlorite-muscovite-quartz Schist, Moderately hard, Slightly weathered, Poor rock, BXMDC, RMR = 25	2 (25)	16 (0)	2					
60		Hole stopped @ 57.5 ft								
		Remarks: 1. Hole collapsed at 34.0 feet with augers in ground. 2. Hole collapsed at 10.5 feet with augers removed.								

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 9/25/14