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

BORING LOG

CAMBRIDGE
STP 0235(21)
BREWSTER RIVER CAMPGROUND

Boring No.: **B-204**
Page No.: 1 of 1
Pin No.: 14C132
Checked By: MLM

Boring Crew: GARROW, HOOK, NIETO
Date Started: 8/07/14 Date Finished: 8/08/14
VTSPG NAD83: N 769922.35 ft E 1559183.25 ft
Station: Offset:
Ground Elevation: 804.7 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 45C TRACK	C_E = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
08/08/14	6.3	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Well Diagram	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-2-4, SiSa, brn, Moist, Rec. = 1.1 ft					1-1-1-2 (2)	24.1	12.8	53.9	33.3
		A-2-4, GrSiSa, brn-Lt/gry, Moist, Rec. = 0.8 ft					9-3-2-2 (5)	17.7	29.0	41.3	29.7
		Field Note:, No Recovery. Appears to be Gravel					5-5-5-4 (10)				
		A-1-b, GrSa, Lt/brn, Moist, Rec. = 1.0 ft, NXDC, Cleaned out casing.					1-3-5-6 (8)	13.0	33.7	48.5	17.8
		A-1-b, GrSa, gry, Moist, Rec. = 0.8 ft					7-6-5-3 (11)	13.1	33.7	49.9	16.4
10		A-2-4, GrSiSa, Lt/brn, Moist, Rec. = 0.3 ft					6-5-5-4 (10)	11.3	22.4	43.4	34.2
		A-4, GrSaSi, gry, Moist, Rec. = 0.5 ft					6-6-3-3 (9)	15.9	26.5	30.9	42.6
		A-4, GrSaSi, gry, Moist, Rec. = 1.6 ft, Lab Note: Broken Rock was within sample.					9-15-24-38 (39)	9.0	24.7	36.3	39.0
		A-4, SiSa, gry, Moist, Rec. = 1.4 ft					23-30-30-R@2.5" (60)	9.3	16.3	42.7	41.0
		A-1-b, SiGrSa, gry, Moist, Rec. = 0.5 ft, Lab Note: Broken Rock was within sample.					12-21-R@6.0" (R)	8.0	46.8	30.9	22.3
20		A-2-4, GrSiSa, gry, Moist, Rec. = 1.2 ft, Lab Note: Broken Rock was within sample.					18-49-R@5.0" (R)	11.2	27.7	43.8	28.5
		A-2-4, GrSiSa, gry-Lt/brn, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.					45-49-R@1.0" (R)	12.2	29.0	40.7	30.3
		A-2-4, SiGrSa, brn, Moist, Rec. = 0.6 ft, Lab Note: Broken Rock was within sample.					38-R@1.0" (R)	12.9	28.8	43.9	27.3
30		Visual Description:, Severely Weathered Rock, brn, Moist, Rec. = 0.8 ft					31-R@3.5" (R)	14.3			
		A-1-b, SiGrSa, brn, Moist, Rec. = 0.1 ft					R@1.0" (R)	15.7	26.7	51.0	22.3
		36.5 ft - 41.5 ft, Silvery-green to grayish-green, Albite-chlorite-muscovite-quartz Schist, Moderately hard, Unweathered, Good rock, NXMDC, RMR = 76		1 (35)	100 (80)	3 4 3 4 3	Top of Bedrock @ 36.5 ft				
40		41.5 ft - 46.5 ft, Silvery-green to grayish-green, Albite-chlorite-muscovite-quartz Schist, Moderately hard, Unweathered, Good rock, NXMDC, RMR = 79		2 (35)	100 (92)	3 4 4 4 4					
		Hole stopped @ 46.5 ft									
50											

Remarks:
1. Installed one 1.5 inch Monitoring Well.
2. Well goes to 33.5 feet with 5 feet of screen from 28.0 to 33.0 feet.
3. Top of Well is 1.5 feet above ground surface.

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 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