



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

BORING LOG

WALDEN
 BRF 030-3(5)
 VT-15 BR-83

Boring No.: B-102
 Page No.: 1 of 1
 Pin No.: 09B308
 Checked By: NSM

Boring Crew: PORTER, DAVISON
 Date Started: 4/24/12 Date Finished: 4/24/12
 VTSPG NAD83: N 710838.62 ft E 1712444.65 ft
 Station: 272+87 Offset: -15.00
 Ground Elevation: 1630.57 ft

Type: WB SS
 I.D.: 3 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. % (ROD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-1-b, GrSa, brn, Moist, Rec. = 1.4 ft				3-5-6-6 (11)	15.2	25.7	55.8	18.5
		A-2-4, SiSa, brn, Moist, Rec. = 0.7 ft				4-5-5-5 (10)	22.0	16.9	48.8	34.3
		A-4, SaSi, brn, Moist, Rec. = 1.9 ft				4-3-4-4 (7)	31.6	4.8	42.7	52.5
		A-4, SaSi, brn, Moist, Rec. = 1.7 ft, Pieces of Wood were within sample.				2-3-3-3 (6)	44.8	3.3	36.8	59.9
		A-4, SiSa, brn, Moist, Rec. = 1.0 ft, Pieces of Wood were within sample.				WH-1-1-1 (2)	55.7	14.7	42.7	42.6
10		Visual Description: SiSa with Wood and Broken Rock, brn, Moist, Rec. = 0.1 ft, Insufficient sample for testing.				7-5-4-6 (9)				
		Field Note: Wood in sampler				8-R@2.0"				
15		12.8 ft - 17.4 ft, Dark-bluish-gray micaceous Meta-Limestone, Hard, Unweathered, Good rock, BXMDC, RMR = 72	1 (NA)	100 (59)	5	Top of Bedrock @ 12.8 ft				
					6					
					6					
					6					
20		17.4 ft - 20.1 ft, Dark-bluish-gray micaceous Meta-Limestone, Hard, Unweathered, Good rock, BXMDC, RMR = 76	2 (NA)	100 (78)	5					
					4					
					5					
					5					
		20.1 ft - 22.4 ft, Dark-gray-to silvery-gray, muscovite-biotite- quartz Phyllite, Moderately hard, Unweathered	(30)							

Hole stopped @ 22.4 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 WALDEN BRF 030-3(5).GPJ VERMONT AOT.GDT 5/25/12