



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

BORING LOG

JAMAICA  
ER-BRF 015-1(23)  
VT-30 BR-19

Boring No.: B-201  
Page No.: 1 of 1  
Pin No.: 11B316  
Checked By: CEE

Boring Crew: GARROW, SALISBURY, PORTER  
Date Started: 11/30/11 Date Finished: 12/01/11  
VTSPG NAD83: N 218670.70 ft E 1565101.60 ft  
Station: \_\_\_\_\_ Offset: \_\_\_\_\_  
Ground Elevation: 729.9 ft

Casing: WB  
Sampler: SS  
Type: WB  
I.D.: 4 in  
Hammer Wt: N.A.  
Hammer Fall: N.A.  
Hammer/Rod Type: Auto/AWJ  
Rig: CME 45C SKID  
CE = 1.33

Groundwater Observations		
Date	Depth (ft)	Notes
12/01/11	13.5	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate minutes/ft	Groundwater Observations				
						Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-1-b, GrSa, brn, Moist, Rec. = 1.0 ft				6-9-6-6 (15)	9.0	39.9	46.6	13.5
		A-1-b, GrSa, brn, Moist, Rec. = 1.0 ft				7-6-3-4 (9)	14.7	39.7	41.4	18.9
10		Lab Note, Lots of broken Concrete was within sample., gry-brn, Moist, Rec. = 0.8 ft				6-22-15-25 (37)	7.0	70.6	23.5	5.9
		Field Note:, NXDC, Boulder				5-6-4-4 (10)	26.2	27.3	55.5	17.2
15		A-2-4, GrSa with Wood & Roots, brn, Wet, Rec. = 0.5 ft				4-4-4-6 (8)	8.0			
		Visual Classification, Broken Rock with little sand, brn, Moist, Rec. = 0.5 ft								
20		Field Note:, NXDC, Cobbles & Gravel								
		A-1-b, SaGr, gry, Moist, Rec. = 1.0 ft				10-13-16-15 (29)	11.1	47.8	32.7	19.5
25		A-1-b, SaGr, gry, Moist, Rec. = 0.8 ft				5-15-18-30 (33)	10.1	53.3	33.5	13.2
		A-1-b, SaGr, brn-gry, Moist, Rec. = 0.8 ft				42-R@3.5"	11.2	43.7	40.5	15.8
30		A-1-b, SiSaGr, gry, Moist, Rec. = 0.9 ft				7-14-13-12 (27)	13.3	39.9	39.6	20.5
		Lab Note, Sample had very severely weathered rock that turned into fines with pressure applied., grn-brn, Moist, Rec. = 1.1 ft				9-18-R@5.0"	14.8	16.1	40.9	43.0
35		Lab Note, Mostly very severely weathered rock that turned into fines with pressure applied., red-gry, Moist, Rec. = 0.4 ft				R@5.0"	13.1	3.3	66.0	30.7
		Lab Note, SaGr, gry-blk, Moist, Rec. = 0.2 ft, Very severely Weathered Rock was within sample.				R@2.5"	9.6	54.8	33.9	11.3
40		30.2 ft - 35.2 ft, Gray, Biotite Schist, Moderately hard, Unweathered, Good rock, NXMDC, RMR = 62	1 (30)	84 (60)	5					
		35.2 ft - 40.2 ft, Gray, Biotite Schist, Moderately hard, Unweathered, Good rock, NXMDC, RMR = 62	2 (30)	84 (72)	4					
		Hole stopped @ 40.2 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 JAMAICA ER-BRF 015-1(23).GPJ VERMONT AOT.GDT 1/6/12