



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

BORING LOG

JAMAICA
ER-BRF 013-1(16)
VT-100 BR-78

Boring No.: B-101

Page No.: 1 of 1

Pin No.: 11B212

Checked By: CEE

Boring Crew: GARROW, SALISBURY, WELLS	Type: WB	Casing: SS	Groundwater Observations		
Date Started: 2/15/12 Date Finished: 2/15/12	I.D.: 4 in	Sampler: 1.5 in	Date	Depth (ft)	Notes
VTSPG NAD83: N 206579.60 ft E 1572802.90 ft	Hammer Wt: N.A.	140 lb.			None Taken.
Station: 122+62 Offset: 14.00	Hammer Fall: N.A.	30 in.			
Ground Elevation: 684.4 ft	Hammer/Rod Type: Auto/AWJ				
	Rig: CME 45C TRACK	CE = 1.34			

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.4		Asphalt Pavement, 0.0 ft - 0.4 ft					
0.4 - 5.0		A-1-a, SaGr, brn, Moist, Broken Rock was within sample. Field Note: NXDC, Boulder	36- R@6.0"	15.4	53.5	36.5	10.0
5.0 - 10.0		Field Note: No Recovery, Stone in sampler. Field Note: NXDC, Cobbles	4-5-6-8 (11)				
10.0 - 15.0		A-2-4, SiSa, brn, Moist, Rec. = 0.7 ft Visual Classification, Broken Rock with Sandy Gravel, brn, Moist, Rec. = 0.7 ft, NXDC, Encountered Cobbles when advancing casing. Insufficient sample for testing.	4-9-9-7 (18)	20.0	3.5	71.0	25.5
15.0 - 20.0		Visual Classification, Broken Rock with Sandy Gravel, gry, Moist, Rec. = 0.4 ft, Insufficient sample for testing. Field Note: NXDC, Cobbles	8-9-10- 40 (19)	7.4			
20.0 - 25.0		A-1-b, GrSa, brn, Moist, Rec. = 0.5 ft, Pulled casing and changed bit. NXDC, Encountered Cobbles when advancing casing. A-2-4, SiSaGr, brn, Moist, Rec. = 0.7 ft	3-6-7-22 (13)	15.4	37.1	51.4	11.5
25.0 - 30.0		A-4, SaSi, gry, Moist, Rec. = 1.7 ft	3-6-17- 14 (23)	14.1	43.5	28.9	27.6
30.0 - 35.0		A-4, SaSi, gry, Moist, Rec. = 1.5 ft	19-27- 32-37 (59)	19.6	0.4	28.1	71.5
35.0 - 40.0		A-4, Si, gry, Moist, Rec. = 2.0 ft	20-35- R@6.0"	20.7		34.7	65.3
40.0 - 45.0		A-4, Si, gry, Moist, Rec. = 1.6 ft	17-31- 39-37 (70)	22.2	3.1	18.4	78.5
45.0 - 45.0		A-4, SaSi, gry, Moist, Rec. = 1.6 ft	13-23- 30-40 (53)	21.7	0.4	10.8	88.8
45.0 - 45.0		Hole stopped @ 45.0 ft	27-24- 40- R@6.0" (64)	15.4	1.2	30.8	68.0

BORING LOG 2 JAMAICA ER-BRF 013-1(16).GPJ VERMONT AOT.GDT 2/24/12

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.

PROJECT NAME: JAMAICA	PLOT DATE: 12-OCT-2012
PROJECT NUMBER: ER-BRF 013-1(16)	DRAWN BY: K. FRIEDLAND
FILE NAME: s11b212bor-inglogs.dgn	CHECKED BY: G. LAROCHE
PROJECT LEADER: K. HIGGINS	SHEET 25 OF 85
DESIGNED BY: G. LAROCHE	
BORING LOGS 1	