



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

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Pin No.: 11B212

Checked By: CEE

Boring Crew: GARROW, SALISBURY, WELLS
Date Started: 2/15/12 Date Finished: 2/15/12
VTSPG NAD83: N 206579.60 ft E 1572802.90 ft
Station: 122+62 Offset: 14.00
Ground Elevation: 684.4 ft

Casing: WB
Sampler: SS
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 CE = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
		None Taken.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.4 ft					
		A-1-a, SaGr, brn, Moist, Broken Rock was within sample.	36-R@6.0"	15.4	53.5	36.5	10.0
		Field Note:, NXDC, Boulder					
5		Field Note:, No Recovery., Stone in sampler.	4-5-6-8 (11)				
		Field Note:, NXDC, Cobbles					
		A-2-4, SiSa, brn, Moist, Rec. = 0.7 ft	4-9-9-7 (18)	20.0	3.5	71.0	25.5
10		Visual Classification, Broken Rock with Sandy Gravel, brn, Moist, Rec. = 0.7 ft, NXDC, Encountered Cobbles when advancing casing. Insufficient sample for testing.	8-9-10-40 (19)	7.4			
		Visual Classification, Broken Rock with Sandy Gravel, gry, Moist, Rec. = 0.4 ft, Insufficient sample for testing.	8-R@6.0"	8.0			
15		Field Note:, NXDC, Cobbles					
		A-1-b, GrSa, brn, Moist, Rec. = 0.5 ft, Pulled casing and changed bit. NXDC, Encountered Cobbles when advancing casing.	3-6-7-22 (13)	15.4	37.1	51.4	11.5
		A-2-4, SiSaGr, brn, Moist, Rec. = 0.7 ft	3-6-17-14 (23)	14.1	43.5	28.9	27.6
20							
		A-4, SaSi, gry, Moist, Rec. = 1.7 ft	19-27-32-37 (59)	19.6	0.4	28.1	71.5
25							
		A-4, SaSi, gry, Moist, Rec. = 1.5 ft	20-35-R@6.0"	20.7		34.7	65.3
30							
		A-4, Si, gry, Moist, Rec. = 2.0 ft	17-31-39-37 (70)	22.2	3.1	18.4	78.5
35							
		A-4, Si, gry, Moist, Rec. = 1.6 ft	13-23-30-40 (53)	21.7	0.4	10.8	88.8
40							
		A-4, SaSi, gry, Moist, Rec. = 1.6 ft	27-24-40-R@6.0"	15.4	1.2	30.8	68.0
45		Hole stopped @ 45.0 ft	64				

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 013-1(16).GPJ VERMONT AOT.GDT 2/24/12