



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

BORING LOG

**JAMAICA**  
**STP 013-2(12)**  
**VT-100 MM 3.8**

Boring No.: **B-101**

Page No.: 1 of 1

Pin No.: 12B474

Checked By: MLM

Boring Crew: DAIGNEAULT, JUDKINS  
 Date Started: 11/05/13 Date Finished: 11/05/13  
 VTSPG NAD83: N 236850.73 ft E 1549245.39 ft  
 Station: 12+45 Offset: 8.80  
 Ground Elevation: 1128.03 ft

Casing: WB Sampler: 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 SKID C<sub>c</sub> = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
		No water to depth.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.38 ft					
5		A-2-4, SaSiGr, Lt/brn, Moist, Rec. = 0.6 ft	17-23-24-18 (47)	5.6	45.2	26.1	28.7
		A-2-4, SiGrSa, brn, Moist, Rec. = 1.0 ft	12-13-10-11 (23)	11.3	31.7	38.9	29.4
		A-2-4, GrSiSa, brn, Moist, Rec. = 0.7 ft	16-7-8-5 (15)	13.6	22.3	47.7	30.0
10		Visual Description: Broken Rock with silt & sand, brn, Moist, Rec. = 0.3 ft, Insufficient sample for testing.	16-7-25-R@2.5" (32)	8.3			
		Lab Note, Broken Rock with sand, brn, MTW, Rec. = 0.8 ft, Lots of Broken Rock was within sample.	17-23-10-R@1.0" (33)	9.4	68.6	22.8	8.6
		Lab Note, Sample was mostly Broken Rock, Lt/gry, MTW, Rec. = 0.6 ft	44-29-12-13 (41)	8.0	78.5	15.4	6.1
15		A-2-4, SiGrSa, Dk/brn, MTW, Rec. = 0.4 ft	12-18-17-29 (35)	16.0	26.0	52.3	21.7
		A-1-a, SaGr, Dk/brn, MTW, Rec. = 0.7 ft, Broken Rock was within sample.	10-11-11-17 (22)	10.6	64.2	27.1	8.7
20		A-4, SaSi, gry, MTW, Rec. = 1.3 ft					
25		A-4, SaSi, gry, Moist, Rec. = 1.2 ft	36-47-R@2.5" (R)	10.9	10.4	39.3	50.3
		Hole stopped @ 26.2 ft					
		Remarks: 1. Lost water return at 9.0 ft. 2. Hole collapsed at 26.2 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. C<sub>c</sub> 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 JAMAICA STP 013-2(12).GPJ VERMONT AOT.GDT 11/27/13



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

BORING LOG

**JAMAICA**  
**STP 013-2(12)**  
**VT-100 MM 3.8**

Boring No.: **B-102**

Page No.: 1 of 1

Pin No.: 12B474

Checked By: MLM

Boring Crew: DAIGNEAULT, JUDKINS

Date Started: 11/06/13 Date Finished: 11/06/13

VTSPG NAD83: N 236833.95 ft E 1549215.93 ft

Station: 12+25 Offset: -18.20

Ground Elevation: 1128.84 ft

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 SKID C<sub>s</sub> = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
11/06/13	8.2	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-1-b, SaGr, brn, Moist, Rec. = 0.8 ft, Broken Rock was within sample.	13-11-17-18 (28)	4.5	58.8	24.6	16.6
		A-2-4, GrSa, brn, Moist, Rec. = 1.6 ft	17-13-11-7 (24)	7.6	25.0	58.3	16.7
		Field Note: No Recovery	R@0.0"				
10		A-1-b, SiSaGr, brn, MTW, Rec. = 0.3 ft, Broken Rock was within sample.	5-2-2-5 (4)	14.4	42.5	37.4	20.1
		A-1-b, SiSaGr, brn, Moist, Rec. = 0.7 ft, Lots of Broken Rock was within sample.	16-9-19-47 (28)	8.5	46.1	29.8	24.1
		A-1-b, SaGr, brn, Moist, Rec. = 0.8 ft, Broken Rock was within sample.	34-33-R@0.0" (R)	8.7	44.9	38.8	16.3
		Visual Description: Broken Rock with sand, gry, Moist, Rec. = 0.2 ft, Insufficient sample for testing.	R@3.5"				
15		A-4, SaSi, gry, Moist, Rec. = 0.7 ft	8-5-4-9 (9)	18.6	12.1	39.1	48.8
20		A-4, SaSi, gry, Moist, Rec. = 1.3 ft	12-27-31-32 (58)	20.8	0.8	23.7	75.5
		Field Note: No Recovery	R@0.0"				
25		Hole stopped @ 25.0 ft					

Remarks:  
 1. Refusal at 25.0 feet. (10 blows/no movement)

- 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 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 JAMAICA STP 013-2(12).GPJ VERMONT AOT.GDT 11/27/13



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

BORING LOG

**JAMAICA**  
**STP 013-2(12)**  
**VT-100 MM 3.8**

Boring No.: **C-101**  
 Page No.: 1 of 1  
 Pin No.: 12B474  
 Checked By: MLM

Boring Crew: DAIGNEAULT, JUDKINS  
 Date Started: 11/06/13 Date Finished: 11/06/13  
 VTSPG NAD83: N 236754.87 ft E 1549220.36 ft  
 Station: 11+47 Offset: -8.80  
 Ground Elevation: 1128.48 ft

Casing H.S.A. Sampler SS  
 I.D.: 3.25 in 1.5 in  
 Hammer Wt: N.A. 140 lb.  
 Hammer Fall: N.A. 30 in.  
 Hammer/Rod Type: Auto/AWJ  
 Rig: CME 45C SKID C<sub>r</sub> = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
		No water to depth.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.57 ft					
		A-1-b, SaGr, brn, Moist, Rec. = 1.4 ft, Broken Rock was within sample.	24-36-25-15 (61)	3.3	44.2	37.3	18.5
		A-2-4, SiSa, brn, Moist, Rec. = 0.7 ft	15-30-11-8 (41)	4.9	18.2	57.8	24.0
5		Hole stopped @ 5.0 ft					
10		Remarks: 1. Hole did not collapse.					
15							
20							
25							

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 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.



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

BORING LOG

**JAMAICA**  
**STP 013-2(12)**  
**VT-100 MM 3.8**

Boring No.: **C-102**

Page No.: **1 of 1**

Pin No.: **12B474**

Checked By: **MLM**

Boring Crew: DAIGNEAULT, JUDKINS  
 Date Started: 11/06/13 Date Finished: 11/06/13  
 VTSPG NAD83: N 237001.73 ft E 1549264.34 ft  
 Station: 13+96 Offset: -10.40  
 Ground Elevation: 1130.38 ft

Type: H.S.A.  
 I.D.: 3.25 in 1.5 in  
 Hammer Wt: N.A. 140 lb.  
 Hammer Fall: N.A. 30 in.  
 Hammer/Rod Type: Auto/AWJ  
 Rig: CME 45C SKID C<sub>s</sub> = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
		No water to depth.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.66 ft					
		A-1-a, SaGr, brn, Moist, Rec. = 1.1 ft, Lots of Broken Rock was within sample.	22-27-29-22 (56)	2.8	55.0	30.4	14.6
		A-2-4, SiGrSa, brn, Moist, Rec. = 1.7 ft	14-17-17-17 (35)	6.7	32.9	38.1	29.0
5		Hole stopped @ 5.0 ft					
10		Remarks: 1. Hole did not collapse.					
15							
20							
25							

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 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 JAMAICA STP 013-2(12).GPJ VERMONT AOT.GDT 11/27/13