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

BORING LOG

HUNTINGTON
BF 0211(32)
TH-1 BR-8

Boring No.: **B-103**
Page No.: 1 of 1
Pin No.: 13J080
Checked By: MLM

Boring Crew: DAIGNEAULT, JUDKINS
Date Started: 9/04/14 Date Finished: 9/04/14
VTSPG NAD83: N 643015.89 ft E 1520099.77 ft
Station: 12+89 Offset: 0.90
Ground Elevation: 795.8 ft

	Casing	Sampler
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_E = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
09/04/14	6.1	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.77 ft								
		A-1-b, SaGr, brn, Moist, Rec. = 1.2 ft				11-10-7-5 (17)	7.5	45.8	42.2	12.0
		A-1-b, SiGrSa, brn, Moist, Rec. = 1.1 ft				4-2-3-4 (5)	15.9	35.4	43.8	20.8
5		A-1-b, GrSa, brn, Moist, Rec. = 0.7 ft				3-2-3-2 (5)	11.1	45.3	46.4	8.3
		A-1-b, Sa, brn, Moist, Rec. = 0.2 ft				3-3-3-4 (6)	10.8	18.5	65.4	16.1
		A-1-b, GrSa, brn, Moist, Rec. = 0.5 ft				5-4-3-3 (7)	6.5	35.4	52.7	11.9
10		A-1-b, GrSa, brn, Moist, Rec. = 0.6 ft				3-2-2-3 (4)	14.3	36.1	46.6	17.3
		A-4, SiSa, gry, Moist, Rec. = 0.1 ft				R@1.0"	12.0	15.3	48.6	36.1
		13.1 ft - 18.1 ft, Gray, Muscovite-chlorite-biotite-feldspar-quartz Metagraywacke, and schist with lenses of quartz. Hard, Unweathered, Very good rock, NXMDC, RMR = 81	1 (50)	78 (78)	5 5 5 5 5	Top of Bedrock @ 13.1 ft				
15										
		18.1 ft - 23.1 ft, Gray, Muscovite-chlorite-biotite-feldspar-quartz Metagraywacke, and schist with lenses of quartz. Hard, Unweathered, Very good rock, NXMDC, RMR = 84	2 (50)	94 (94)	5 6 5 5 5					
20										
		Hole stopped @ 23.1 ft								
25		Remarks: 1. Hole collapsed at 8.2 ft. 2. Offsets were taken from the proposed centerline, not existing.								

BOTTOM OF FOOTING EL=779.0

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_E 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 HUNTINGTON BF 0211(32).GPJ VERMONT AOT.GDT 9/11/14

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BORING LOG

HUNTINGTON
BF 0211(32)
TH-1 BR-8

Boring No.: **B-104**
Page No.: 1 of 1
Pin No.: 13J080
Checked By: MLM

Boring Crew: DAIGNEAULT, JUDKINS, HOOK
Date Started: 9/09/14 Date Finished: 9/09/14
VTSPG NAD83: N 642991.15 ft E 1520110.94 ft
Station: 12+72 Offset: 21.90
Ground Elevation: 794.3 ft

	Casing	Sampler
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_E = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
09/09/14	2.8	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-1-b, GrSa, Dk/brn, Moist, Rec. = 1.1 ft				2-3-5-6 (8)	5.4	44.6	45.9	9.5
		A-1-a, SaGr, brn-gry, Moist, Rec. = 0.8 ft, Lab Note: Lots of Broken Rock was within sample.				41-R@4.5" (R)	1.7	56.8	28.9	14.3
5		A-1-a, SaGr, brn, Moist, Rec. = 0.7 ft, Lab Note: Lots of Broken Rock was within sample.				3-4-6-7 (10)	11.0	50.5	39.7	9.8
		Field Note:, No Recovery, Cleaned out casing.				5-3-2-1 (5)				
		A-4, GrSiSa, brn, MTW, Rec. = 0.1 ft, Lab Note: Broken Rock was within sample.				1-1-2-2 (3)	18.2	22.8	39.6	37.6
10		Field Note:, No Recovery				3-3-1-1 (4)				
		A-2-4, SiSa, brn, MTW, Rec. = 1.1 ft				WH-WH-R@2.5" (R)	27.6	4.5	66.9	28.6
		13.2 ft - 18.2 ft, Gray, Muscovite-chlorite-biotite-feldspar-quartz Metagraywacke, and schist with lenses of quartz. Hard, Unweathered, Very good rock, NXMDC, RMR = 84	1 (25)	100 (100)	7 7 8 10 9	Top of Bedrock @ 13.2 ft				
15										
		18.2 ft - 23.2 ft, Gray, Muscovite-chlorite-biotite-feldspar-quartz Metagraywacke, and schist with lenses of quartz. Hard, Unweathered, Very good rock, NXMDC, RMR = 84	2 (25)	98 (98)	6 6 6 6 6					
20										
		Hole stopped @ 23.2 ft								
25		Remarks: 1. Hole collapsed at 6.9 ft. 2. Offsets were taken from the proposed centerline, not existing.								

BOTTOM OF FOOTING EL=781.0

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_E 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 HUNTINGTON BF 0211(32).GPJ VERMONT AOT.GDT 9/11/14

PROJECT NAME: HUNTINGTON
PROJECT NUMBER: BF 0211(32)

FILE NAME: z13J080borlogs.dgn
PROJECT LEADER: S.E. BURBANK
DESIGNED BY: VTRANS
BORING LOGS (2 OF 4)

PLOT DATE: 8/15/2016
DRAWN BY: J.D. KEENER
CHECKED BY: S.E. BURBANK
SHEET 24 OF 62