

STATE OF VERMONT AGENCY OF TRANSPORTATION CONSTRUCTION AND MATERIALS BUREAU CENTRAL LABORATORY		BORING LOG		Boring No.: B-205						
HUNTINGTON BF 0211(32) TH-1 BR-8		Page No.: 1 of 1		Pin No.: 13J080						
Checked By: MLM		Date		Notes						
Boring Crew: GARROW, JUDKINS		Type: WB	Sampler: SS	Groundwater Observations						
Date Started: 7/07/15 Date Finished: 7/08/15		I.D.: 4 in	1.5 in	Date	Depth (ft)					
VTSPG NAD83: N 642978.94 ft E 1520096.10 ft		Hammer Wt: N.A.	140 lb.	07/08/15	No water to 13 ft.					
Station: 12+55 Offset: 13.30		Hammer Fall: N.A.	30 in.							
Ground Elevation: 794.4 ft		Hammer/Rod Type: Auto/AWJ								
		Rig: CME 45C TRACK	C _e = 1.34							
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RCD %)	Drill Rate minutes/ft	Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 1.0 ft								
		A-2-4, SiGrSa, brn, Moist, Rec. = 0.9 ft				5-5-5-5 (10)	12.9	29.9	45.2	24.9
		A-1-b, SiGrSa, brn, Moist, Rec. = 0.6 ft, Cleaned out with roller cone.				5-4-3-3 (7)	12.6	37.3	40.5	22.2
5		A-2-4, SiGrSa, brn, Moist, Rec. = 0.5 ft, Cleaned out with roller cone.				3-3-2-3 (5)	13.3	33.7	38.5	27.8
		A-1-b, SiGrSa, brn, Moist, Rec. = 0.9 ft, Cleaned out with roller cone.				3-3-3-3 (6)	16.8	37.5	38.9	23.6
10		A-2-4, SiGrSa, brn, Moist, Rec. = 0.9 ft				4-3-2-2 (5)	18.6	27.1	46.3	26.6
		A-4, SaSi, brn-gry, Moist, Rec. = 0.9 ft, Lab Note: Large Wood chunks were within sample.				4-3-1-2 (4)	35.5	8.7	43.6	47.7
		Visual Description: Wood pieces & chunks with silty sand, Dk/gry, Moist, Rec. = 0.2 ft				2-3-2-R@1.0' (5)	71.0			
15		14.6 ft - 19.6 ft, Gray, Muscovite-biotite-chlorite-albite-quartz SCHIST, with joints that are rust stained. Hard, Very slightly weathered, Good rock, NXMDC, RMR = 68	1 (30)	100 (87)	3	Top of Bedrock @ 14.6 ft				
					4					
					4					
					3					
					3					
20		19.6 ft - 24.6 ft, Gray, Muscovite-biotite-chlorite-albite-quartz SCHIST, Hard, Unweathered, Very good rock, NXMDC, RMR = 84	2 (25-30)	100 (100)	3					
					3					
					3					
					3					
25		Hole stopped @ 24.6 ft								
		Remarks: 1. Hole collapsed at 18.4 ft. 2. Offsets were taken from the proposed centerline, not existing.								
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.								

BOTTOM OF FOOTING
EL = 781.0

BORING LOG 2 HUNTINGTON.BF.0211(32).GPJ_VERMONT.AOT.GDT.7/15/15

STATE OF VERMONT AGENCY OF TRANSPORTATION CONSTRUCTION AND MATERIALS BUREAU CENTRAL LABORATORY		BORING LOG		Boring No.: B-206						
HUNTINGTON BF 0211(32) TH-1 BR-8		Page No.: 1 of 1		Pin No.: 13J080						
Checked By: MLM		Date		Notes						
Boring Crew: GARROW, JUDKINS		Type: WB	Sampler: SS	Groundwater Observations						
Date Started: 7/07/15 Date Finished: 7/07/15		I.D.: 4 in	1.5 in	Date	Depth (ft)					
VTSPG NAD83: N 642990.35 ft E 1520086.14 ft		Hammer Wt: N.A.	140 lb.	07/07/15	14.6					
Station: 12+60 Offset: -0.70		Hammer Fall: N.A.	30 in.							
Ground Elevation: 794.1 ft		Hammer/Rod Type: Auto/AWJ								
		Rig: CME 45C TRACK	C _e = 1.34							
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RCD %)	Drill Rate minutes/ft	Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 1.0 ft								
		A-1-b, GrSa, brn, Moist, Rec. = 0.7 ft				11-14-10-10 (24)	7.5	36.2	46.4	17.4
		Field Note: Cleaned out with roller cone								
5		A-1-b, GrSa, brn, Moist, Rec. = 0.8 ft				5-4-6-6 (10)	14.2	41.3	42.2	16.5
		Field Note: Cleaned out with roller cone								
10		A-1-b, SaGr, brn, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.				7-8-6-6 (12)	11.3	56.7	28.1	15.2
		Field Note: NXDC, Cleaned out casing								
		Field Note: No Recovery				R@0.0' (R)				
15		16.0 ft - 21.0 ft, Gray, Muscovite-biotite-chlorite-albite-quartz SCHIST, Hard, Very slightly weathered, Good rock, NXMDC, RMR = 71	1 (35-40)	92 (96)	3	Top of Bedrock @ 16.0 ft				
					3					
					4					
					3					
					3					
20		21.0 ft - 26.0 ft, Gray, Muscovite-biotite-chlorite-albite-quartz SCHIST, Hard, Unweathered, Good rock, NXMDC, RMR = 79	2 (20)	100 (100)	3					
					4					
					4					
					3					
25		Hole stopped @ 26.0 ft								
		Remarks: 1. Hole collapsed at 15.4 ft. 2. Offsets were taken from the proposed centerline, not existing.								
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.								

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EL = 781.0

BORING LOG 2 HUNTINGTON.BF.0211(32).GPJ_VERMONT.AOT.GDT.7/15/15

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

FILE NAME: z13J080borlogs.dgn
PROJECT LEADER: S.E. BURBANK
DESIGNED BY: VTRANS
BORING LOGS (3 OF 4)

PLOT DATE: 8/15/2016
DRAWN BY: J.D. KEENER
CHECKED BY: S.E. BURBANK
SHEET 25 OF 62

