



STATE OF VERMONT
AGENCY OF TRANSPORTATION
CONSTRUCTION AND
MATERIALS BUREAU
CENTRAL LABORATORY

BORING LOG

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

Boring No.: B-205
Page No.: 1 of 1
Pin No.: 13J080
Checked By: MLM

Boring Crew: GARROW, JUDKINS
Date Started: 7/07/15 Date Finished: 7/08/15
VTSPG NAD83: N 642978.94 ft E 1520096.10 ft
Station: 12+55 Offset: 13.30
Ground Elevation: 794.4 ft

Casing Type: 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 TRACK C_r = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
07/08/15		No water to 13 ft.

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 - 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					
					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_r 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 7/15/15