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

BORING LOG

HARTFORD
IM 91-2(79)
I-91 BR-43

Boring No.: **B-214**
Page No.: 1 of 1
Pin No.: 12A132
Checked By: BLS

Boring Crew: JUDKINS, HOOK
Date Started: 5/12/14 Date Finished: 5/13/14
VTSPG NAD83: N 417666.95 ft E 1683415.96 ft
Station: 251+81.01 Offset: 60.34
Ground Elevation: 560.87 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 55 TRACK	C_e = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
		No water to depth.

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-2-4, SiGrSa, brn, Moist, Rec. = 0.7 ft, Lab Note: Wood, roots, grass were within sample.				1-4-10-9 (14)	24.2	24.8	53.9	21.3
		Field Note:, Cobbles & Boulders								
5		Field Note:, No Recovery				R@1.0" (R)				
		Field Note:, Lost water return at 6.0 feet								
		Field Note:, NXDC, Cleaned out casing								
10		Lab Note, Mostly Broken Rock with sandy silt, grn, Moist, Rec. = 0.5 ft				26-24-17-13 (41)	7.5	65.7	20.7	13.6
		Field Note:, NXDC, Cobbles								
15		15.0 ft - 16.0 ft, Dark-greenish-gray to medium-bluish-gray metamorphosed andesitic and basaltic Tuff, with plagioclase phenocrysts. Moderately hard, Unweathered, Poor rock, NXDC, RMR = 39	1 (?)	70 (0)	3	Top of Bedrock @ 15.0 ft				
			2 (?)	98 (58)	5 4 4 5 5					
20		16.0 ft - 21.0 ft, Dark-greenish-gray to medium-bluish-gray metamorphosed andesitic and basaltic Tuff, with plagioclase phenocrysts. Moderately hard, Unweathered, Fair rock, NXMDC, RMR = 49								
		Hole stopped @ 21.0 ft								
25		Remarks: Hole collapsed at 10.3 ft.								
30										
35										
40										
45										

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 HARTFORD IM 91-2(79).GPJ VERMONT AOT.GDT 5/30/14