



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

BORING LOG

Hartford, VT

191 Bridge 43 N/S

Boring No.: B-218

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Pin No.: s12a132

Checked By: ASP

Boring Crew: Drilex/Jason, MJR
Date Started: 4/03/14 Date Finished: 4/03/14
VTSPG NAD83: N 417651.73 ft E 1683448.99 ft
Station: 251+74.37 Offset: 96.21
Ground Elevation: 547.65 ft

Casing Sampler
Type: Auger/WB SS
I.D.: 4.5 in 2 in
Hammer Wt: 300 lb. 140 lb.
Hammer Fall: N.A. 30 in.
Hammer/Rod Type: Auto
Rig: CME 50 CE = 1.33

Groundwater Observations		
Date	Depth (ft)	Notes
04/02/14	0.0	Due to water used during drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate (minutes/ft)	Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Spin 4" casing to 12", start coring at 12"								
2.5		1.0 ft - 5.0 ft, Gray-green ANDESITE, hard, 75° and 10° joint sets, fresh weathering, moderately close. Minor 75° foliation with quartz filling, thin, rough, slightly open to tight.	1	92 (92)	2.3					
					2.2					
					2					
					2.75					
5.0		5.0 ft - 6.0 ft, Similar as above.	2	100 (50)	2					
7.5		Hole stopped @ 6.0 ft								
10.0										
12.5										
15.0										
17.5										
20.0										
22.5										

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- Notes:
1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
 2. N Values have not been corrected for hammer energy. CE is the hammer energy correction factor. CE is an estimated value.
 3. Water level readings have been made of fines and silt conditions stated.
 4. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.
 5. Ground surface elevations indicated on the boring logs were estimated based on the grading plan provided by VDOT.



PROJECT NAME:	HARTFORD
PROJECT NUMBER:	IM 091-2(79)
FILE NAME:	s12a132bor_new.dgn
PROJECT LEADER:	K. HIGGINS
DESIGNED BY:	W. LAMMER
BORING LOGS:	8
PLOT DATE:	15-DEC-2014
DRAWN BY:	W. LAMMER
CHECKED BY:	J. SALVATORI
SHEET:	84 OF 166