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

BORING LOG

COLCHESTER
HES NH 5600(14)
US2 & US7

Boring No.: B-109
Page No.: 1 of 1
Pin No.: 12D046
Checked By: TDE

Boring Crew: PORTER, GARROW, SALISBURY
Date Started: 7/11/12 Date Finished: 7/11/12
VTSPG NAD83: N 731658.62 ft E 1462644.29 ft
Station: 10+06 Offset: -37.00
Ground Elevation: 327.44 ft

	Casing	Sampler
Type:	H.S.A.	SS
I.D.:	3.25 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	CE = 1.34

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 %
		Asphalt Pavement, 0.0 ft - 0.7 ft								
		A-1-a, SaGr with lots of Asphalt Pavement within sample, brn, Moist, Sample from auger flights.					1.2	59.9	26.1	14.0
		A-1-b, GrSa, brn, Moist, Rec. = 1.8 ft				22-8-17-28 (25)	5.8	41.1	46.3	12.6
5		A-1-a, Gr, gry, Moist, Rec. = 1.3 ft, Broken Rock was within sample.				12-27-21-19 (48)	1.4	78.0	15.2	6.8
		Visual Description:, Broken Rock, gry, Wet, Rec. = 0.5 ft				3-5-6-12 (11)				
		8.2 ft - 9.9 ft, Light gray, Dolomite, Moderately hard, Unweathered, Poor rock, BXMDC, Mechanical breakage. RMR = 38	1 (10)	70	7 7	Top of Bedrock @ 8.2 ft				
10		9.9 ft - 10.7 ft, Light gray, Dolomite, Moderately hard, Unweathered, Poor rock, BXMDC, Mechanical breakage. RMR = 38	2 (10)	100	7					
		10.7 ft - 11.7 ft, Light gray, Dolomite, Moderately hard, Unweathered, Poor rock, BXMDC, Mechanical breakage. RMR = 38	3 (10)	100	8					
		11.7 ft - 16.7 ft, Light gray, Dolomite, Moderately hard, Unweathered, Fair rock, BXMDC, Mechanical breakage. RMR = 48	4 (10)	96 (56)	7 8 4 4 5					
15										
		Hole stopped @ 16.7 ft								
20										
25										

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.
3. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING LOG 2 COLCHESTER HES NH 5600(14).GPJ VERMONT AOT.GDT 9/11/12