
 STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION	BORING LOG		Boring No.: B-1
	Wallingford Bridge No. 73A, ER Culv(39) US Route 7		Page No.: 1 of 2
Boring Crew: <u>NH Boring, Derry, NH, Burke (Stantec)</u> Date Started: <u>4/30/14</u> Date Finished: <u>5/01/14</u> VTSPG NAD83: <u>N 337860.88 ft E 1510606.01 ft</u> Station: <u>11+01.56</u> Offset: <u>12.66 LT</u> Ground Elevation: <u>587.8 ft</u>		Casing: <u>Wash Bore</u> Sampler: <u>SS</u> I.D.: <u>4 in</u> <u>1.38 in</u> Hammer Wt: <u>300</u> <u>140</u> Hammer Fall: <u>24</u> <u>30</u> Hammer/Rod Type: <u>Safety/N</u> Rig: <u>Diedrich D-50</u> <u>C_s = 1</u>	Pin No.: _____ Checked By: <u>TAD</u>
		Groundwater Observations	
		Date	Depth (ft)
		05/01/14	9.0

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 2.5		6 inches of Asphalt, 0.0 ft - 0.5 ft Visual Classification, GrSa, Moist, Rec. = 0.3 ft	100-100-25-22 (125)				
2.5 - 5.0							
5.0 - 7.5		Visual Classification, SaGr, gry, Wet, Rec. = 0.2 ft	11-7-4-8 (11)				
7.5 - 10.0							
10.0 - 12.5		A-1-b, SaGr, gry, Wet, Rec. = 0.5 ft Visual Classification, Si, gry, Wet, Rec. = 0.2 ft	11-9-36-22 (45) 12-15-17-16 (32)	15.1	50.0	34.0	16.0
12.5 - 15.0		Visual Classification, Sample too small for accurate description, gry, Wet, Rec. = 0.1 ft	89-22-21-20 (43)				
15.0 - 17.5		A-2-4, GrSiSa, grn-brn, Wet, Rec. = 0.5 ft Visual Classification, GrSiSa, grn-brn, Wet, Rec. = 0.2 ft	12-19-24-22 (43) 36-48-31-40 (79)	19.0	26.0	42.0	32.0
17.5 - 20.0							
20.0 - 22.5		Visual Classification, Si, red-brn, Wet, Rec. = 1.2 ft	8-10-9-16 (19)				

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 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.

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		Groundwater Observations	
		Date	Depth (ft)
		05/01/14	9.0

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 27.5		A-4, Si, red-brn, Wet, Rec. = 1.5 ft	8-9-12-13 (21)	27.1		16.0	84.0
27.5 - 30.0							
30.0 - 32.5		Visual Classification, Si, Lt/brn, Wet, Rec. = 1.7 ft	9-13-10-5 (23)				
32.5 - 35.0							
35.0 - 36.5		Visual Classification, Si, brn, Wet, Rec. = 0.3 ft	51-100/3" (R)				
36.5 - 37.5	Hole stopped @ 36.5 ft		Top of Bedrock @ 36.5 ft				
37.5 - 40.0	Remarks: Roller bit refusal at 36.5 feet below ground surface. Probable bedrock.						
40.0 - 42.5							
42.5 - 45.0							
45.0 - 47.5							

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PROJECT NAME:	WALLINGFORD
PROJECT NUMBER:	ER CULV(39)
FILE NAME: z12b380_BOR_LOG l.dgn	PLOT DATE: 6/16/2016
PROJECT LEADER: G. BOGUE	DRAWN BY: L. BUXTON
DESIGNED BY: T. DYKSTRA	CHECKED BY: T. DYKSTRA
BORING LOG 1	SHEET 20 OF 36

