



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

BORING LOG

Wallingford
Bridge No. 73A, ER Culv(39)
US Route 7

Boring No.: **B-2**
Page No.: **1 of 2**
Pin No.:
Checked By: **TAD**

Boring Crew: **NH Boring, Derry, NH, Burke (Stantec)**
Date Started: **4/30/14** Date Finished: **4/30/14**
VTSPG NAD83: **N 337866.64 ft E 1510631.68 ft**
Station: **11+11.38** Offset: **11.76 RT**
Ground Elevation: **587.3 ft**

Casing Sampler
Type: **Wash Bore SS**
I.D.: **4 in 1.38 in**
Hammer Wt: **300 140**
Hammer Fall: **24 30**
Hammer/Rod Type: **Safety/N**
Rig: **Diedrich D-50 C_c = 1**

Groundwater Observations

Date	Depth (ft)	Notes
04/30/14	9.0	

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		10 inches of Asphalt, 0.0 ft - 0.8 ft					
2.5		Visual Classification, SiGrSa, blk-gry, Moist, Rec. = 0.2 ft	45-19-17-11 (36)				
5.0		A-4, SaSi, brn, Wet, Rec. = 0.3 ft	5-4-3-2 (7)	25.6	1.0	33.0	66.0
7.5		Visual Classification, SaSi, brn, Wet, Rec. = 0.7 ft	5-9-11-19 (20)				
10.0		Visual Classification, SiSa, Dk/gry, Wet, Rec. = 0.7 ft	10-11-11-11 (22)				
12.5		Visual Classification, SiSa, blk-brn, Wet, Rec. = 0.8 ft	11-10-8-9 (18)				
15.0		A-4, SaSi, brn, Wet, Rec. = 1.7 ft	8-17-15-15 (32)	22.5	2.0	27.0	71.0
20.0		Visual Classification, SaSi, gry, Wet, Rec. = 0.2 ft	31-22-21-26 (43)				
22.5		A-4, SaSi, tan, Wet, Rec. = 0.5 ft	8-8-13-20	26.5		28.0	72.0

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_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.

BORING LOG VTRANS_TEMPLATE_WALLINGFORD.VT.GPJ VERMONT AOT.GDT 6/24/14



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Groundwater Observations

Date	Depth (ft)	Notes
04/30/14	9.0	

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
27.5		Hole stopped @ 26.0 ft	(21)				

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PROJECT NAME: **WALLINGFORD**
PROJECT NUMBER: **ER CULV(39)**

FILE NAME: **z12b380_BOR_LOG 2.dgn** PLOT DATE: **6/16/2016**
PROJECT LEADER: **G. BOGUE** DRAWN BY: **L. BUXTON**
DESIGNED BY: **T. DYKSTRA** CHECKED BY: **T. DYKSTRA**
BORING LOG 2 SHEET **21** OF **36**

