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-4**
Page No.: 1 of 1
Pin No.:
Checked By: TAD

Boring Crew: NH Boring, Derry, NH, Burke (Stantec)
Date Started: 5/20/14 Date Finished: 5/20/14
VTSPG NAD83: N 337862.43 ft E 1510716.88 ft
Station: 11+20.93 Offset: 96.52 RT
Ground Elevation: 579.0 ft

	Casing	Sampler
Type:	Open Hole	SS
I.D.:		1.38 in
Hammer Wt:	NA	140
Hammer Fall:	NA	30
Hammer/Rod Type:		Donut/N
Rig:	Tripod	C_e = 0.75

Groundwater Observations

Date	Depth (ft)	Notes
05/20/14	0.2	

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Visual Classification, Organic Silt, Dk/brn, Wet, Rec. = 0.2 ft	0-0-1-19 (1)				
2.5		Visual Classification, Organic Silt (3.2% organic based in lab test), Dk/brn, Wet, Rec. = 0.5 ft	3-11-4-8 (15)	39.9			
		Visual Classification, Organic Silt (3.5% organic based in lab test), Dk/brn, Wet, Rec. = 1.5 ft	4-8-11-19 (19)	41.0			
5.0							
		Visual Classification, Organic Silt with angular gravel, brn, Wet, Rec. = 1.0 ft	20-27-27-18 (54)				
7.5		Visual Classification, Si, brn, Wet, Rec. = 1.0 ft	11-10-9-12 (19)				
		Visual Classification, SaSi, brn, Wet					
10.0		Visual Classification, SiSa, brn, Wet, Rec. = 1.2 ft	13-12-13-10 (25)				
		Visual Classification, GrSiSa, brn, Wet, Rec. = 0.7 ft	11-14-15-12 (29)				
12.5							
		Visual Classification, Si, brn, Wet, Rec. = 1.3 ft	12-14-15-14 (29)				
15.0							
		Visual Classification, Si, brn, Wet, Rec. = 0.8 ft	21-23-33-40 (55)				
17.5							
		Hole stopped @ 18.0 ft					
20.0							
22.5							

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 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

Stantec

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

FILE NAME: z12b380_BOR_LOG 4.dgn
PROJECT LEADER: G. BOGUE
DESIGNED BY: T. DYKSTRA
BORING LOG 4

PLOT DATE: 6/16/2016
DRAWN BY: L. BUXTON
CHECKED BY: T. DYKSTRA
SHEET 23 OF 36