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

BORING LOG

BRF 0126(12) Bridge Replacement Proj.
Route 121 over the Saxton River
Rockingham, Vermont

Boring No.: **B- 3**
Page No.: 1 of 2
Pin No.:
Checked By:

Boring Crew: Nate Seguin (SWCE), Tony Martinelli (CDS)
Date Started: 11/16/11 Date Finished: 11/16/11
VTSPG NAD83: N 233064.31 ft E 1639803.06 ft
Station: Offset:
Ground Elevation: 450.0 ft

	Casing	Sampler
Type:	HW	SS
I.D.:	4 in	1.25 in
Hammer Wt:	N.A.	140 lb.
Hammer Fall:	N.A.	30 in.
Hammer/Rod Type:	Auto/AWJ	
Rig: Truck Mount D-120	C_E =	

Groundwater Observations

Date	Depth (ft)	Notes

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		BITUMINOUS PAVEMENT, 0.0 ft - 0.3 ft					
		REINFORCED CONCRETE, 0.3 ft - 0.8 ft					
		Open air, 0.8 ft - 27.0 ft					
5							
10							
15							
20							
25							
		Alluvial Soils? (silty sands), 27.0 ft - 33.0 ft					
30		Rec. = 0.0 ft	8-3-4-4 (7)				
		Gray silty SAND with some gravel, 33.0 ft - 58.0 ft, (TILL)					
35		Rec. = 0.6 ft	19-25-17-28 (42)				
40		Rec. = 0.7 ft	15-29-50 (79)				
45		Rec. = 0.8 ft	31-48-50-4"				

BOTTOM OF EXISTING PIER. NO. 2
ELEV. = 413.8 ±

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.

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Hammer/Rod Type:	Auto/AWJ	
Rig: Truck Mount D-120	C_E =	

Groundwater Observations

Date	Depth (ft)	Notes

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Rec. = 1.5 ft	19-31-37-41 (68)				
55		Rec. = 0.6 ft	56-70				
		Gray gravelly silty SAND, 58.0 ft - 68.0 ft, (TILL)					
60		Rec. = 0.3 ft	100-5"				
65		Rec. = 0.25 ft	78-5"				
		Gray silty fine SAND with some gravel, 68.0 ft - 71.5 ft, (TILL)					
70		Rec. = 0.88 ft	21-37-50 (87)				
		Hole stopped @ 71.5 ft					
75							
80							
85							
90							
95							

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T·Y·LIN INTERNATIONAL

PROJECT NAME: ROCKINGHAM
PROJECT NUMBER: BRF 0126(12)

FILE NAME: z10J072bdr_bor3.dgn
PROJECT LEADER: R. HEBERT
DESIGNED BY: S. KELLER
BORING LOG (3 OF 4)

PLOT DATE: 8/26/2014
DRAWN BY: T. KELLEY
CHECKED BY: S. KELLER
SHEET 24 OF 69