

BORING LOG INFORMATION

B-2

B-2 (CONT.)

B-3

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-2					
WINDSOR IM-091-1 (64)		Page No.: 1 of 2		Pin No.:					
Checked By: SMC		Date: 08/26/11		Depth (ft): 8.9					
Boring Crew: New Hampshire Boring, Inc., IKC		Casing: WB		Sampler: SS					
Date Started: 8/25/11 Date Finished: 8/26/11		I.D.: 4 in 1.38 in		Date: 08/26/11					
VTSPG NAD83:		Hammer Wt: 300 140 lb.		Notes: Storm Irene					
Station: 2923+82.00 Offset: 54LT		Hammer Fall: 24 30 in.		Post Tropical					
Ground Elevation: 406.0 ft		Hammer/Rod Type: SafetyN		Notes: Storm Irene					
		Rig: Dietrich D-50		C _u = 1.0					
Depth (ft)	Strain (%)	CLASSIFICATION OF MATERIALS (Description)	Run (ft)	Core Rec. % (RCD %)	Blowcount (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
4-11	10-30	Medium to fine SAND, little Silt, little Gravel, moist, medium dense, brown, Rec. = 1.5 ft, 0.0 ft - 2.0 ft	(21)		4-11-10-30				
5	7-10-8	Medium to fine SAND, little Silt, little Gravel, moist, medium dense, brown, Rec. = 0.7 ft, 4.0 ft - 6.0 ft	(18)		7-10-8				
8.0 ft		Drill action suggests cobbles/gravel 8 to 9 feet.							
10	25-36	Medium to fine SAND, some Silt, little Gravel, moist, very dense, brown, Rec. = 0.7 ft, 9.0 ft - 11.0 ft	(35)		25-36				
12.0 ft		Drill action suggests cobbles/gravel 12 to 14 feet.							
15	30-14	No recovery, gravel lodged in tip of sampler, Rec. = 0.1 ft, 14.0 ft - 16.0 ft	(27)		30-14				
20	9-15	A-1-b, wet, dense, brown, Rec. = 1.0 ft, 19.0 ft - 21.0 ft	(34)	13.9	9-15	22.0	69.4	8.6	
25	11-12	Medium to fine SAND, some Silt, wet, dense, brown, Rec. = 1.0 ft, 24.0 ft - 26.0 ft	(28)		11-12				
30	11-12	Fine SAND, little Silt, wet, dense, brown, Rec. = 0.8 ft, 29.0 ft - 31.0 ft	(29)		11-12				
35	16-16	Fine SAND, little Silt, wet, dense, brown, Rec. = 0.7 ft, 34.0 ft - 36.0 ft	(35)		16-16				
40	13-12	A-3, wet, dense, brown, Rec. = 1.0 ft, 39.0 ft - 41.0 ft	(30)	21.1	13-12		90.0	10.0	
45	12-11	Medium to fine SAND, little Silt, wet, medium dense, brown, Rec. = 0.7 ft, 44.0 ft - 46.0 ft	(27)		12-11				
		Medium to fine SAND, little Silt, wet, medium dense, brown, Rec. = 1.0 ft, 49.0 ft	14-13		14-13				

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_u is the hammer energy correction factor. C_e is an estimated value.
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.

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-2					
WINDSOR IM-091-1 (64)		Page No.: 2 of 2		Pin No.:					
Checked By: SMC		Date: 08/26/11		Depth (ft): 8.9					
Boring Crew: New Hampshire Boring, Inc., IKC		Casing: WB		Sampler: SS					
Date Started: 8/25/11 Date Finished: 8/26/11		I.D.: 4 in 1.38 in		Date: 08/26/11					
VTSPG NAD83:		Hammer Wt: 300 140 lb.		Notes: Storm Irene					
Station: 2923+82.00 Offset: 54LT		Hammer Fall: 24 30 in.		Post Tropical					
Ground Elevation: 406.0 ft		Hammer/Rod Type: SafetyN		Notes: Storm Irene					
		Rig: Dietrich D-50		C _u = 1.0					
Depth (ft)	Strain (%)	CLASSIFICATION OF MATERIALS (Description)	Run (ft)	Core Rec. % (RCD %)	Blowcount (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
51.0 ft					19-23				
55	15-20	Medium to fine SAND, little Silt, wet, very dense, brown, Rec. = 1.2 ft, 54.0 ft - 56.0 ft	(51)		15-20				
60	31-33	Medium to fine SAND, little Silt, wet, very dense, brown, Rec. = 1.3 ft, 59.0 ft - 61.0 ft	(73)		31-33				
		Note: Top of bedrock at 61.5 feet.							
		Note: Begin NX rock core at 62.7 feet.							
62.7 ft - 63.7 ft		Gray, SCHIST, hard, fresh, joints, high angle to moderately dipping, close spacing, rough, stepped to undulating, moderately open to slightly open.	1		67				
64.0 ft - 67.0 ft		Gray, SCHIST, hard, fresh, joints, high angle to moderately dipping, close spacing, rough, stepped to undulating, moderately open to slightly open.	2		69				
68.0 ft - 73.0 ft		Gray, SCHIST, hard, fresh, joints, high angle to moderately dipping, close spacing, rough, stepped to undulating, moderately open to slightly open.	3		60				
73.0 ft - 78.0 ft		Gray, SCHIST, hard, fresh, joints, high angle to moderately dipping, close spacing, rough, stepped to undulating, moderately open to slightly open.	4		60				
		Hole stopped @ 78.0 ft							

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STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-3					
WINDSOR IM-091-1 (64)		Page No.: 1 of 1		Pin No.:					
Checked By: SMC		Date: 08/24/11		Depth (ft): Not encountered					
Boring Crew: New Hampshire Boring, Inc., IKC		Casing: WB		Sampler: SS					
Date Started: 8/24/11 Date Finished: 8/24/11		I.D.: 4 in 1.38 in		Date: 08/24/11					
VTSPG NAD83:		Hammer Wt: 300 140 lb.		Notes: Not encountered					
Station: 2926+90.00 Offset: 55LT		Hammer Fall: 24 30 in.		Post Tropical					
Ground Elevation: 462.0 ft		Hammer/Rod Type: SafetyN		Notes: Not encountered					
		Rig: Dietrich D-50		C _u = 1.0					
Depth (ft)	Strain (%)	CLASSIFICATION OF MATERIALS (Description)	Run (ft)	Core Rec. % (RCD %)	Blowcount (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
4.0 ft - 8.7 ft		Medium to fine SAND, some Silt, little Gravel, moist, very dense, brown, 0.0 ft - 2.0 ft			8-21-33-17				
5	1	4.0 ft - 8.7 ft, Gray, SCHIST, hard, fresh, joints, high angle, close, smooth to rough, stepped to undulating, fresh to discolored, light to moderately open.	81		(80)				
10	2	8.7 ft - 13.7 ft, Gray, SCHIST, hard, fresh, joints, high angle, close, smooth to rough, stepped to undulating, fresh to discolored, light to moderately open.	100		(93)				
		Hole stopped @ 13.7 ft							

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PROJECT NAME: WINDSOR
PROJECT NUMBER: IM 091-1(64)

FILE NAME: z10o188BOR.dgn
PROJECT LEADER: J. WILSON
DESIGNED BY: C. BAISLY
BORING LOG INFORMATION SHEET #7

PLOT DATE: 7/30/2015
DRAWN BY: S. GUNN
CHECKED BY: D. HA
SHEET 52 OF 156