

BORING LOG INFORMATION

C-4

C-5

C-6/SB-7

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: C-4				
Windsor IM 091-1 (64) I-91 Bridges 33N & 33S		Page No.: 1 of 1		Pin No.: TT				
Boring Crew: D. Palmer, NHB, D. Melcher, JEG		Casing Sampler		Groundwater Observations				
Date Started: 1/15/13 Date Finished: 1/15/13		Type: WB SS	Date	Depth	Notes			
VTSPG NAD83: N 347177.22 ft E 1665150.84 ft		I.D.: 4 in 2.5 in	01/15/13		Not encountered			
Station: 2920+33.71 Offset: LT 6.75 I-91 NB		Hammer Wt: 300 lb 140 lb						
Ground Elevation: 480.1 ft		Hammer Fall: 30 in 30 in						
		Hammer/Rod Type: Safety						
		Rig: Diedrich D50 C _u = 1.0						
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)		Blows ¹ (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.29		ASPHALT, cored through pavement, 0.0 ft - 0.29 ft						
0.29 - 3.0		S-1: WELL GRADED SAND with SILT and GRAVEL; fine to coarse sand, some fine to coarse rounded to angular gravel, trace silt, dry, very dense, brown, Rec. = 1.42 ft, 1.0 ft - 3.0 ft		49-50 53-50 (113)		30.0	61.0	9.0
3.0 - 4.92		S-2: POORLY GRADED SAND with GRAVEL; fine to medium sand, little coarse sand, some fine to coarse rounded to angular gravel, gravel highly weathered to fresh, dry, very dense, brown, Rec. = 1.5 ft, 3.0 ft - 4.92 ft		60-61 72 100 (133)				
		Hole stopped @ 4.92 ft						

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Windsor IM 091-1 (64) I-91 Bridges 33N & 33S		Page No.: 1 of 1		Pin No.: TT				
Boring Crew: D. Palmer, NHB, D. Melcher, JEG		Casing Sampler		Groundwater Observations				
Date Started: 1/15/13 Date Finished: 1/15/13		Type: WB SS	Date	Depth	Notes			
VTSPG NAD83: N 347917.21 ft E 1665185.83 ft		I.D.: 4 in 2.5 in	01/15/13		Not encountered			
Station: 2927+73.85 Offset: LT 6.42 I-91 NB		Hammer Wt: 300 lb 140 lb						
Ground Elevation: 489.4 ft		Hammer Fall: 30 in 30 in						
		Hammer/Rod Type: Safety						
		Rig: Diedrich D50 C _u = 1.0						
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)		Blows ¹ (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.75		ASPHALT, cored through pavement, 0.0 ft - 0.75 ft						
0.75 - 3.0		S-1: WELL GRADED GRAVEL with SILT and SAND; fine to coarse subangular to angular gravel, some fine to coarse sand, trace silt, dry, very dense, grayish brown, Rec. = 2.0 ft, 1.0 ft - 3.0 ft		56-77 95-91 (173)		63.0	31.0	6.0
3.0 - 5.0		S-2: POORLY GRADED SAND; fine sand, little medium sand, trace coarse, trace fine to coarse rounded to angular gravel, dry, very dense, brown, Rec. = 2.0 ft, 3.0 ft - 5.0 ft		89-97 41-35 (109)				
		Hole stopped @ 5.0 ft						

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Windsor IM 091-1 (64) I-91 Bridges 33N & 33S		Page No.: 1 of 1		Pin No.: TT				
Boring Crew: D. Palmer, NHB, D. Melcher, JEG		Casing Sampler		Groundwater Observations				
Date Started: 1/15/13 Date Finished: 1/15/13		Type: WB SS	Date	Depth	Notes			
VTSPG NAD83: N 347917.23 ft E 1665159.60 ft		I.D.: 4 in 2.5 in	01/15/13		Not encountered			
Station: 2927+73.75 Offset: LT 12.64 I-91 NB		Hammer Wt: 300 lb 140 lb						
Ground Elevation: 489.3 ft		Hammer Fall: 30 in 30 in						
		Hammer/Rod Type: Safety						
		Rig: Diedrich D50 C _u = 1.0						
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)		Blows ¹ (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.58		ASPHALT, cored through pavement, 0.0 ft - 0.58 ft						
0.58 - 3.0		S-1: WELL GRADED GRAVEL with SILT and SAND; fine to coarse angular to sub angular gravel, some fine to coarse sand, trace silt, dry, very dense, grayish brown, Rec. = 1.67 ft, 1.0 ft - 3.0 ft		74-77 73-51 (120)		72.0	22.0	6.0
3.0 - 5.0		S-2: POORLY GRADED SAND with GRAVEL; fine to medium sand, little coarse sand, little fine rounded gravel, trace coarse rounded gravel, dry, very dense, brown, Rec. = 1.57 ft, 3.0 ft - 5.0 ft		42-54 58-35 (108)				
5.0 - 7.0		S-3: POORLY GRADED SAND with GRAVEL; fine to medium sand, little coarse sand, little fine to coarse rounded gravel, trace silt, dry, medium dense, brown, Rec. = 1.0 ft, 5.0 ft - 7.0 ft		19-8 6-6 (15)				
7.0 - 12.0		S-4: POORLY GRADED SAND; fine to medium sand, trace coarse sand, trace fine rounded gravel, dry, medium dense, brown, Rec. = 1.0 ft, 10.0 ft - 12.0 ft		11-14 13-10 (27)				
12.0 - 14.0		13.5' Top of Bedrock; via roller bit, angular gray schist in cuttings, 13.5 ft - 14.0 ft						
		Hole stopped @ 14.0 ft						

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 #2

PLOT DATE: 7/30/2015
DRAWN BY: S. GUNN
CHECKED BY: D. HA
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