

VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-101				
		Wilmington STP013-1(14)				Page No.: 1 of 1				
						Pin No.:				
						Checked By: RJF				
Boring Crew: Geosearch, Inc., RJF		Type: Auger/WB		Casing		Sampler				
Date Started: 3/04/13 Date Finished: 3/04/13		I.D.: 3 in		SS		Groundwater Observations				
VTSPG NAD83: N 121478.00 ft E 1545401.00 ft		Hammer Wt: 300		140 lb.		Date				
Station: 19+50.00 Offset: 8RT		Hammer Fall: 24		30 in.		Depth (ft)				
Ground Elevation: 1628.63 ft		Hammer/Rod Type: Safety/N		Rig: CME 75 Truck		Notes				
		C _e = 1.0				03/04/13 9.0				
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)		Run (Dip deg.)	Core Rec. % (RQD %)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Bituminous concrete, 0.0 ft - 0.5 ft								
		A-1-b, GrSaSi Base, subbase, brn, Rec. = 0.8 ft				50-85 (65+)	6.6	46.5	37.0	16.5
2.5		A-1-b, SaGrSi, brn, Rec. = 2.0 ft				55-70-62-52 (132)	8.8	38.3	44.0	17.7
		A-1-b, SaGrSi, brn, Rec. = 0.6 ft				14-9-50/9" (50+)	10.8	40.4	43.9	15.7
5.0		A-1-b, SaGrSi, brn, Rec. = 0.7 ft				6-35-33-30 (68)	5.5	36.3	42.0	21.7
		A-1-b, GrSaSi, brn, Rec. = 1.5 ft				20-21-18-25/1" (39)	10.2	44.3	39.3	16.4
7.5		A-1-b, GrSaSi, brn, Rec. = 1.0 ft				44-29-30-26 (59)	8.1	53.3	32.8	13.9
		EL 1616.7 BOTTOM OF CULVERT								
10.0		A-2-4, SaGrSi, brn, Rec. = 0.8 ft				19-18-50/2" (68+)	14.0	30.5	47.4	22.1
		Rollerbit to 14.5 feet, begin NX core, 14.0 ft - 14.5 ft								
12.5		14.5 ft - 19.5 ft, NXDC, Gray Granite, hard, slightly weathered to fresh. Joints low angle, close to moderately close spacing, rough, undulating, slightly open to moderately open		1	58 (69)					
15.0										
17.5										
20.0		Hole stopped @ 19.5 ft								
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. 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.										

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VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-102				
		Wilmington STP013-1(14)				Page No.: 1 of 1				
						Pin No.:				
						Checked By: RJF				
Boring Crew: Geosearch, Inc., RJF		Type: Auger/WB		Casing		Sampler				
Date Started: 3/04/13 Date Finished: 3/04/13		I.D.: 3 in		SS		Groundwater Observations				
VTSPG NAD83: N 121453.00 ft E 154382.00 ft		Hammer Wt: 300		140 lb.		Date				
Station: 19+30.00 Offset: 10LT		Hammer Fall: 24		30 in.		Depth (ft)				
Ground Elevation: 1627.33 ft		Hammer/Rod Type: Safety/N		Rig: CME 75 Truck		Notes				
		C _e = 1.0				03/04/13 8.5				
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)		Run (Dip deg.)	Core Rec. % (RQD %)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Bituminous concrete, 0.0 ft - 0.58 ft								
		Base, subbase, 0.58 ft - 2.0 ft								
2.5		A-1-b, SaGrSi, brn, Rec. = 1.8 ft				50-32-30-30 (62)	9.0	33.5	50.1	16.4
		A-1-b, SaGrSi, brn, Rec. = 0.3 ft				13-50/2" (50+)	8.2	35.0	48.2	16.8
5.0		A-2-4, SaGrSi, brn, Rec. = 0.1 ft				25/0" (0)	7.9	16.6	53.0	30.4
		A-1-b, GrSaSi, brn, Rec. = 0.6 ft				9-15-12-16 (27)	6.9	57.2	28.8	14.0
7.5		A-2-4, SaGrSi, brn, Rec. = 1.3 ft				11-9-14-23 (23)	16.0	17.4	60.2	22.4
		EL 1615.9 BOTTOM OF CULVERT								
10.0		A-2-4, SaGrSi, brn, Rec. = 0.5 ft				42-25/0" (0)	9.7	24.5	48.1	27.4
		14.0 ft - 19.0 ft, NXDC, Dark Gray Schist, hard, slightly weathered to fresh. Joints low angle to moderately dipping, close to moderately close spacing, rough, undulating, slightly open		1	58 (85)		14.0			
12.5										
15.0										
17.5										
20.0		Hole stopped @ 19.0 ft								
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. 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.										

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PROJECT NAME:	WILMINGTON
PROJECT NUMBER:	STP 013-1(14)
FILE NAME:	s00b252bor-.dgn
PROJECT LEADER:	K. HIGGINS
DESIGNED BY:	J. SALVATORI
BORING LOGS	
PLOT DATE:	02-JAN-2014
DRAWN BY:	J. SALVATORI
CHECKED BY:	G. LAROCHE
SHEET	16 OF 31