

VTTrans Working to Get You There		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: BB-03 SHEET 1 of 2 DATE STARTED: 9/17/09 DATE COMPLETED: 9/24/09					
PROJECT NAME: COVENTRY SITE NAME: RAILROAD STATION: SEE BORING PLAN OFFSET: 12' EAST VTSPG NAD83: N 852991.90 ft E 1716517.40 ft		PROJECT NUMBER: WACR BR.561 & 562 SITE NUMBER: GROUND ELEVATION: 700.0 ft GROUNDWATER DEPTH: * SEE NOTE PROJECT PIN NUMBER: 09G114							
BORING CREW CREW CHIEF: PORTER DRILLER: PORTER LOGGER: MAHMUTOVIC		BORING RIG: LAG TRACK RIG #10 w/AUTO HAMMER BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL CHECKED BY: CEE							
DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	N VALUE	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
		Cobbles & Gravel, 2.0 ft - 4.0 ft							
		Fill material, 4.0 ft - 6.0 ft							
10		Visual Classification, Si, brn, Wet, Rec. = 0.3 ft, Insufficient sample for testing.	3						
		Visual Classification, GrSi, brn, Wet, Rec. = 0.4 ft, Insufficient sample for testing.	5						
20		A-2-4, SiSa, gry, Wet, Rec. = 1.5 ft	5	25.8	1.5	76.9	21.6		
		A-3, Sa, gry, Wet, Rec. = 1.1 ft	4	25.5	1.3	92.8	5.9		
		Wood, 23.8 ft - 24.4 ft							
30		A-4, Si, gry, Wet, Rec. = 0.3 ft	WH	28.0	0.0	17.3	82.7		
		A-4, Cisi, gry, Wet, Rec. = 1.5 ft	6	29.0	0.1	1.9	98.0	29	8
40		Field Note: Pushed vane 2.0 ft. Vane Shear 470/160 psf, 38.3 ft - 39.0 ft							
		A-4, Si, gry, Wet, Rec. = 0.4 ft	1	34.1	0.0	0.6	99.4		
50		A-6, SiCl, gry, Wet, Rec. = 2.0 ft	WH	40.9	0.0	0.5	99.5	35	12
		A-6, SiCl, gry, Wet, Rec. = 2.0 ft	3	41.3	0.0	0.3	99.7	35	12
60		Field Note: Pushed vane 2.0 ft. Vane Shear 540/150 psf, 58.3 ft - 59.0 ft							
		A-6, SiCl, gry, Wet, Rec. = 2.0 ft	2	37.0	0.0	1.1	98.9	35	13
70		Visual Classification, Cisi, gry, Wet, Rec. = 2.0 ft	1	35.2					
		Visual Classification, SiCl, gry, Wet, Rec. = 2.0 ft	WH	35.9					
80		Field Note: Pushed vane 2.0 ft. Vane Shear 400/350 psf, 78.3 ft - 79.0 ft							
		A-6, SiCl, gry, Wet, Rec. = 0.9 ft	3	35.9	0.0	0.9	99.1	34	14

LOG OF BORING COVENTRY RR WACR BR562.GPJ VT_AOT.GDT 7/19/11

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PROJECT NAME: COVENTRY SITE NAME: RAILROAD STATION: SEE BORING PLAN OFFSET: 12' EAST VTSPG NAD83: N 852991.90 ft E 1716517.40 ft		PROJECT NUMBER: WACR BR.561 & 562 SITE NUMBER: GROUND ELEVATION: 700.0 ft GROUNDWATER DEPTH: * SEE NOTE PROJECT PIN NUMBER: 09G114							
BORING CREW CREW CHIEF: PORTER DRILLER: PORTER LOGGER: MAHMUTOVIC		BORING RIG: LAG TRACK RIG #10 w/AUTO HAMMER BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL CHECKED BY: CEE							
DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	N VALUE	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
90		Visual Classification, Cisi, gry, Wet, Rec. = 2.0 ft	8	31.3					
		A-4, Cisi, gry, Wet, Rec. = 0.7 ft	7	23.8					
100		Field Note: Pushed vane 2.0 ft. Vane Shear 1050/380 psf, 98.3 ft - 99.0 ft							
		A-4, SaSi, gry, Wet, Rec. = 1.9 ft	8	23.0	0.0	20.4	79.6		
110		Visual Classification, Si, gry, Wet, Rec. = 2.0 ft	5	25.5					
		Visual Classification, SiCl, gry, Wet, Rec. = 2.0 ft	3	27.2					
120		A-6, SiCl, gry, Wet, Rec. = 2.0 ft	5	30.8	0.0	1.3	98.7	34	13
		Visual Classification, Si, gry, Wet, Rec. = 1.4 ft	WH	30.3					
130		Visual Classification, Si, gry, Wet, Rec. = 1.1 ft	1	30.3					
		A-4, Si, gry, Wet, Rec. = 1.5 ft	4	25.1	0.0	8.6	91.4		
140		Visual Classification, SaSi, gry, Wet, Rec. = 2.0 ft	8	20.9					
		Boulder, 141.4 ft - 142.6 ft							
		Cobbles, 142.6 ft - 147.0 ft							
		Top of Bedrock @ 147.0 ft							
150		147.0 ft - 152.0 ft, Gray, Meta-Limestone, Hard, Unweathered, NXMDC, with thin quartz vein, Competent	1	78	62	45		9	
								8	
								7	
								7	
								6	
								6	
								7	
								7	
								8	
160		DRILLER'S NOTES: 1. Vane used was 3x6 inches. 2. Vane Shear = Initial/Remold * No water return during this boring. Water table was possibly at river depth.							

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