

PROJECT NAME: COVENTRY
 SITE NAME: RAILROAD
 STATION: SEE BORING PLAN
 OFFSET: 18' WEST
 VTSPG NAD83: N 852973.60 ft E 1716491.40 ft

PROJECT NUMBER: WACR BR.561 & 562
 SITE NUMBER:
 GROUND ELEVATION: 696.0 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 & TUBE
 CHECKED BY: CEE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	N VALUE	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
6		A-1-b, GrSa, blk, Wet, Rec. = 0.6 ft	6	21.9	35.5	55.6	8.9		
10		A-2-4, SiSa, blk, Wet, Rec. = 1.5 ft	2	26.7	0.3	69.9	29.8		
13		A-2-4, Sa, blk, Wet, Rec. = 1.3 ft	2	37.0	0.0	86.4	13.6		
20		A-3, Sa, blk, Wet, Rec. = 1.2 ft, Chunks of Wood were within sample and removed before gradation.	5	46.6	4.0	86.9	9.1		
20		Field Note: No Recovery, Trace of sand, gravel, & wood, Crushed Shelby tube.							
30		Shelby Tube, Rec. = 2.0 ft, 27.0 ft - 29.0 ft							
30		Field Note: Pushed vane 2.0 ft. Vane Shear 870/100 psf, 33.3 ft - 34.0 ft							
40		A-4, Si, gry, Wet, Rec. = 2.0 ft	WH	35.9	0.0	0.2	99.8	28	6
40		A-6, SiCl, gry, MTW, Rec. = 2.0 ft Shelby Tube, 42.7 ft - 44.0 ft		37.3	0.0	0.3	99.7	39	17
50		A-6, SiCl, gry, Wet, Rec. = 2.0 ft	1	39.0	0.0	0.5	99.5	34	12
50		Field Note: Pushed vane 2.0 ft. Vane Shear 900/300 psf, 53.3 ft - 54.0 ft							
60		A-4, Cisi, gry, Wet, Rec. = 1.9 ft	6	35.5	0.0	0.6	99.4	31	8
60		A-4, Cisi, gry, Wet, Rec. = 2.0 ft		46.1	0.0	0.2	99.8	30	8
70		A-6, SiCl, gry, Wet, Rec. = 2.0 ft	2	35.5	0.0	1.5	98.5	36	15
70		Field Note: Pushed vane 2.0 ft. Vane Shear 870/350 psf, 73.3 ft - 74.0 ft							
80		A-6, SiCl, gry, Wet, Rec. = 2.0 ft	5	33.2	0.0	0.5	99.5	32	12
80		Shelby Tube, 82.0 ft - 84.0 ft							
80		Visual Classification, SiCl, gry, Wet, Rec. = 1.7 ft	11	25.5					

LOG OF BORING COVENTRY RR WACR BR561CP1 VT.M01.G01 7/19/11

PROJECT NAME: COVENTRY
 SITE NAME: RAILROAD
 STATION: SEE BORING PLAN
 OFFSET: 18' WEST
 VTSPG NAD83: N 852973.60 ft E 1716491.40 ft

PROJECT NUMBER: WACR BR.561 & 562
 SITE NUMBER:
 GROUND ELEVATION: 696.0 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 & TUBE
 CHECKED BY: CEE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	N VALUE	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
		Field Note: Pushed vane 2.0 ft. Vane Shear 950/350 psf, 93.3 ft - 94.0 ft							
100		A-4, Si, gry, Wet, Rec. = 1.4 ft	4	22.3	0.0	14.7	85.3		
100		Cisi, gry, Wet, Rec. = 2.0 ft, 102.0 ft - 104.0 ft	3	30.7					
110		A-4, Cisi, gry, Wet, Rec. = 2.0 ft	7	26.2	0.0	1.0	99.0	27	8
110		A-4, Cisi, gry, Wet, Rec. = 1.2 ft NXDC, Boulder, 113.3 ft - 116.0 ft	R	28.2	0.0	1.4	98.6	27	8
120		A-4, Si, gry, Wet, Rec. = 0.6 ft	8	28.7	0.9	1.0	98.1		
120		A-4, Si, gry, Wet, Rec. = 1.4 ft	5	29.0	0.0	0.6	99.4		
130		No Sample, 127.0 ft - 129.0 ft	9						
130		A-1-b, SaGr, gry, Wet, Rec. = 0.8 ft, Broken rock was within sample.	27	9.9	45.3	40.0	14.7		
140		A-2-4, Sa, gry, Wet, Rec. = 0.4 ft Cobbles, 137.5 ft - 138.4 ft 138.9 ft - 142.8 ft, Gray, Meta-Limestone, Hard, Unweathered, NXMDC, with quartz vein from 141.9 ft to 142.6 ft, Competent 142.8 ft - 143.8 ft, White, Quartz, Very hard, Weathered and sheared, Some staining. Not Competent 143.9 ft - 144.8 ft, White, Quartz, Very hard, NXMDC, Unweathered and sheared, Competent 144.8 ft - 147.2 ft, Gray, Meta-Limestone, Moderately hard to hard, Unweathered, Competent 147.2 ft - 148.9 ft, Gray, Phyllite, Moderately hard to hard, Unweathered, Competent	1	17.2	18.3	64.9	16.8		
140		Top of bedrock @ 138.9 ft	1	100	50	45	7		
150		142.6 ft, Competent 142.8 ft - 143.8 ft, White, Quartz, Very hard, Weathered and sheared, Some staining. Not Competent 143.9 ft - 144.8 ft, White, Quartz, Very hard, NXMDC, Unweathered and sheared, Competent 144.8 ft - 147.2 ft, Gray, Meta-Limestone, Moderately hard to hard, Unweathered, Competent 147.2 ft - 148.9 ft, Gray, Phyllite, Moderately hard to hard, Unweathered, Competent	2	100	50	60	6		
150		Hole stopped @ 148.9 ft							
150		DRILLER'S NOTES: 1. Vane used was 3x6 inches. 2. Vane Shear = Initial/Remold							
150		* Drilled to 119.0 ft on 09/14/09. On the following day water was flowing out of the casing that was 3.5 ft above the ground and continued to flow during the duration of the boring.							

LOG OF BORING COVENTRY RR WACR BR561CP1 VT.M01.G01 7/19/11