



STATE OF VERMONT  
AGENCY OF TRANSPORTATION  
MATERIALS & RESEARCH SECTION  
SUBSURFACE INFORMATION

BORING NUMBER: BB-05  
SHEET 1 of 2  
DATE STARTED: 8/31/09  
DATE COMPLETED: 9/03/09

PROJECT NAME: COVENTRY  
SITE NAME: RAILROAD  
STATION: SEE BORING PLAN  
OFFSET: 22' EAST  
VTSPG NAD83: N 852868.30 ft E 1716523.50 ft

PROJECT NUMBER: WACR BR.561 & 562  
SITE NUMBER:  
GROUND ELEVATION: 695.0 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 (%)
9		Visual Classification, SiGrSa, blk, Wet, Rec. = 0.9 ft	9	14.8					
10		Visual Classification, GrSaSi, blk, Wet, Rec. = 0.4 ft	2	22.6					
11		Visual Classification, Sa, gry, Wet, Rec. = 1.1 ft	2	38.2	0.3	86.8	12.9		
12		Visual Classification, Sa, gry, Wet, Rec. = 0.9 ft	7	17.6					
13		A-2-4, SiSaGr, gry, Wet, Rec. = 0.9 ft	4	15.4	37.8	32.3	29.9		
14		Visual Classification, Cisi, gry, Wet, Rec. = 0.8 ft	2	29.4					
15		A-4, Si, gry, Wet, Rec. = 2.0 ft	2	32.7	0.0	0.1	99.9	30	5
16		Visual Classification, Cisi, gry, Wet, Rec. = 2.0 ft	WH	37.3					
17		Visual Classification, Cisi, gry, Wet, Rec. = 2.0 ft	1	35.3					
18		A-4, Cisi, gry, Wet, Rec. = 2.0 ft	WH	33.4	0.0	0.5	99.5	32	10
19		Visual Classification, Cisi, gry, Wet, Rec. = 0.9 ft	2	39.2					
20		Visual Classification, Cisi, gry, Wet, Rec. = 2.0 ft	5	35.0					
21		A-6, SiCl, gry, Wet, Rec. = 2.0 ft	5	36.8	0.0	0.5	99.5	40	15
22		Visual Classification, SiCl, gry, Wet, Rec. = 2.0 ft	8	30.8					
23		Visual Classification, Cisi, gry, Wet, Rec. = 1.8 ft	10	28.2					
24		A-4, Cisi, gry, Wet, Rec. = 1.4 ft	5	30.6	0.0	1.2	98.8	30	8
25		Visual Classification, Cisi, gry, Wet, Rec. = 2.0 ft	14	26.5					
26		Visual Classification, Si, gry, Wet, Rec. = 1.8 ft	9	21.3					
27		A-4, Si, gry, Wet, Rec. = 2.0 ft	3	24.0	0.0	5.3	94.7		
28		Visual Classification, Si, gry, Wet, Rec. = 1.4 ft	9	25.6					

LOG OF BORING COVENTRY RR WACS BR561.PJ VT AUT.GDT 7/19/11



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4		Visual Classification, Si, gry, Wet, Rec. = 2.0 ft	4	27.2					
7		A-4, Cisi, gry, Wet, Rec. = 2.0 ft	7	26.3	0.0	2.7	97.3	27	7
11		Visual Classification, Cisi, gry, Wet, Rec. = 1.9 ft	11	22.1					
12		A-4, Cisi, gry, Wet, Rec. = 2.0 ft	WH	31.6	0.0	0.9	99.1	30	7
13		Visual Classification, Si, gry, Wet, Rec. = 1.6 ft	7	25.9					
14		Visual Classification, Si, gry, Wet, Rec. = 2.0 ft	2	21.1					
15		A-4, Si, gry, Wet, Rec. = 0.4 ft	8	19.9	0.0	8.6	91.4		
16		Visual Classification, Cisi, gry, Wet, Rec. = 2.0 ft	9	23.1					
17		Visual Classification, Si, gry, Wet, Rec. = 1.7 ft	10	23.1					
18		A-4, Si, gry, Wet, Rec. = 1.8 ft	15	22.8	0.0	17.1	82.9		
19		Visual Classification, SaSi, gry, Wet, Rec. = 1.0 ft	26	18.3					
20		A-4, SaSi, gry, Wet, Rec. = 1.8 ft	4	18.2	0.5	40.0	59.5		
21		Field Note: BXDC, Cored ahead in cobbles/gravel/& possible weathered rock							
22		164.3 ft - 169.3 ft, Gray, Meta-Limestone, Hard, Unweathered, BXMDC, Competent	1	100	84	35	7		
23		169.3 ft - 174.3 ft, Gray, Meta-Limestone, Hard, Unweathered, BXMDC, Competent	2	100	92	35	8		
24		Hole stopped @ 174.3 ft					6		
25		* Drilled to 124.0 ft on 09/01/09. 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.					5		
26							4		
27							5		
28							4		

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