



ROCK CORE LOG

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Date 02/01/2011

ROUTE TR-176 DESCRIPTION TR 176 Relocation (Railroad)		LOGGED BY Feh/Krusamark	
SECTION 05-15103-00-BR	LOCATION Persifer Township	SEC. 19	TWP. 11N
COUNTY Knox	CORING METHOD Single Tube With Water	RNG. 3E	PM
STRUCT. NO. 048-9919	CORING BARREL TYPE & SIZE NGW x 5'		
Station 104+75 to 106+25	Core Diameter 2.0 in		
	Top of Rock Elev. (632+) 32 ft		
BORING NO. SB-1	Begin Core Elev. (619+) 45 ft		
Station 104+75			
Offset Centerline			
Ground Surface Elev. 683.9 ft			
Dark Gray CLAY SHALE (Hard, Brown Seam at 46.5')		46	
		46	
		47	1-1 37 0
		48	
		49	
Dark Gray CLAY SHALE MC = 8.3%		50	
		51	
		52	1-2 88 87
		53	
Dark Gray CLAY SHALE MC = 13.7%		54	
		608.9	
CORE RUN DISCONTINUED			

Color pictures of the cores Attached  
 Cores will be stored for examination until 07/01/2011  
 The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

BBS 138 (Rev. 3/01)



ROCK CORE LOG

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Date 01/28/2011

ROUTE TR-176 DESCRIPTION TR 176 Relocation (Railroad)		LOGGED BY Feh/Krusamark	
SECTION 05-15103-00-BR	LOCATION Persifer Township	SEC. 19	TWP. 11N
COUNTY Knox	CORING METHOD Single Tube With Water	RNG. 3E	PM
STRUCT. NO. 048-9919	CORING BARREL TYPE & SIZE NGW x 5'		
Station 104+75 to 106+25	Core Diameter 2.0 in		
	Top of Rock Elev. (622+) 40 ft		
BORING NO. SB-4	Begin Core Elev. (617+) 45 ft		
Station 106+25			
Offset Centerline			
Ground Surface Elev. 692.2 ft			
Gray SILTSTONE		45	
		615.7	
Dark Gray CLAY SHALE		47	4-1 75 40
		48	
MC = 9.4%		49	
Black COAL		50	
		51	
Gray CLAY SHALE		52	
		53	4-2 92 0
		54	
		55	
Gray CLAY SHALE MC = 9.7%		57	
		58	4-3 88 58
		59	
		602.2	
CORE RUN DISCONTINUED			

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