

HOLCOMB FOUNDATION ENGINEERING INC.  
P.O. Box 88 618-529-5262  
Carbondale, IL 62903 618-457-8991 fax Page 1 of 1

**Bridge Foundation Boring Log**

Project: H-11085 Bridge Over Seven Mile Creek Date: 6/8/11  
Section: 10-00118-00-BR Station \_\_\_\_\_ Bored By: B. Schwartz  
Structure: \_\_\_\_\_ Checked By: J. Holcomb  
County: White

Boring No.: 1  
Station: \_\_\_\_\_  
Offset: \_\_\_\_\_

Elevation	Z	Cu	M	W	%	Surfaces Water Elev.	
						Ground Water Elev. During Drilling	Upon Completion
387.1	0					386.1	371.1
	8	1.55	20				
383.1						380.1	
	10	1.55	17				
380.6							
	2	0.58	29				
	5						
375.6							
	4	0.88	25				
	7	1.30	21				
	8	2.78	21				
368.1							
	31						
366.1							
	100						

Ground Surface 387.1  
Brown Mottled Gray Silty CLAY (A-6) with pebbles and sand  
Gray Mottled Brown Silty CLAY (A-6)  
Gray Silty CLAY (A-6)  
Gray Mottled Brown Silty CLAY (A-6)  
Brown Mottled Gray Silty CLAY (A-6)  
Brown Mottled Gray Silty CLAY (A-6)  
Brown Mottled Gray Weathered Sandstone  
Brown Sandstone

End of Boring @ -26.5'

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"  
Cu - Unconfined Compressive Strength in tons/sq.ft.  
M = Shear Failure  
W = Water Content - percentage of oven dry weight - %  
P = Penetrometer  
B = Bulge Failure  
S = Shear Failure  
E = Estimated Value

**BORING 1**

HOLCOMB FOUNDATION ENGINEERING INC.  
P.O. Box 88 618-529-5262  
Carbondale, IL 62903 618-457-8991 fax Page 1 of 1

**Bridge Foundation Boring Log**

Project: H-11085 Bridge Over Seven Mile Creek Date: 6/8/11  
Section: 10-00118-00-BR Station \_\_\_\_\_ Bored By: B. Schwartz  
Structure: \_\_\_\_\_ Checked By: J. Holcomb  
County: White

Boring No.: 2  
Station: \_\_\_\_\_  
Offset: \_\_\_\_\_

Elevation	Z	Cu	M	W	%	Surfaces Water Elev.	
						Ground Water Elev. During Drilling	Upon Completion
387.5	0						
	2	0.85	25				
	1	0.60	25				
381.0							
	1	1.00	25				
373.5							
	1	0.60	21				
376.0							
	7	1.15	20				
373.5							
	7	2.28	20				
370.5							
	8	1.85	11				
368.5							
	78	2.75	13				
366.0							
	100						

Ground Surface 387.5  
Brown Silty CLAY to Clayey SILT (A-4)  
Gray Silty CLAY (A-6)  
Gray Mottled Brown Silty CLAY to Clayey SILT (A-6 to A-4)  
Gray Silty CLAY (A-6)  
Gray Mottled Brown Silty CLAY (A-6)  
Brown Mottled Gray Silty CLAY (A-6)  
Brown Mottled Gray Weathered Sandstone  
Brown Mottled Gray Weathered Shale  
Brown to Gray Sandstone

End of Boring @ -26.5'

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"  
Cu - Unconfined Compressive Strength in tons/sq.ft.  
M = Shear Failure  
W = Water Content - percentage of oven dry weight - %  
P = Penetrometer  
B = Bulge Failure  
S = Shear Failure  
E = Estimated Value

**BORING 2**