

HOLCOMB FOUNDATION ENGINEERING INC.											
P.O. Box 88			618-529-5262			Page: 1 of 1					
Carbondale, Il. 62903			618-457-8991 fax								
Bridge Foundation Boring Log											
Project: H-09298		Bridge: Denker Road		Date: 1-5-2010							
Section: 05-16113-00-BR		Station:		Bored by: J. Russell							
Structure: 041-9910				Checked By: J. Holcomb							
County: Jefferson											
Boring No: 1		Station: 9+25		Offset: 9' Lt		Surface Water Elev.:		Ground Water Elev. During Drilling: None		Upon Completion: None	
Elevation	N	Qu tsf	w %		Elevation	N	Qu tsf	w %			
489.1	0										
4" Crushed Stone and Clay Mix											
Brown Mottled Gray Sandy CLAY (A-6)											
	4	1.25	21		-25	8	1.85	19			
462.6											
	4	1.35	20		-5	10	1.85	19			
Brown Mottled Gray Sandy CLAY (A-6)											
	5	1.25	20		-30	11	1.85	16			
480.1											
Gray Mottled Brown Sandy CLAY (A-6)											
	8	2.65	18		-10						
477.6											
Brown Mottled Gray Sandy CLAY (A-6)											
	9	4.55	14		-35	29	9.58	11			
475.1											
Gray Mottled Brown Sandy CLAY (A-6)											
	9	1.75	20		-15						
472.6											
Gray Silty CLAY (A-6)											
	9	1.25	22		-40	100	/5'	--	8		
450.1											
Brown Mottled Gray SHALE											
					-40	100	/6'	--	6		
448.1											
Gray SHALE											
	4	1.15	27		-20						
467.6											
Gray Mot. Brown Sandy CLAY(A-6)											
	6	1.78	18								
End of Boring @ -44.0'											
N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"				Qu-Unconfined Compressive Strength in tons/sq.ft. w-Water Content-percentages of oven dry weight-%				B = Bulge Failure S = Shear Failure E = Estimated Value P = Penetrometer			

BORING 1

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Section: 05-16113-00-BR		Station:		Bored by: J. Russell							
Structure: 041-9910				Checked By: J. Holcomb							
County: Jefferson											
Boring No: 2		Station: 10+75		Offset: 9' Rt		Surface Water Elev.:		Ground Water Elev. During Drilling: 461.3		Upon Completion: Plugged	
Elevation	N	Qu tsf	w %		Elevation	N	Qu tsf	w %			
491.3	0										
4" Crushed Stone and Clay Mix											
Brown Mottled Gray Sandy CLAY (A-6)											
	7	1.15	18		-25	8	2.05	14			
464.8											
	6	2.75	17		-5	7	1.75	19			
Brown Mottled Gray Sandy CLAY (A-6)											
484.8											
Gray Mottled Brown Sandy CLAY (A-6)											
	9	4.65	14		-30	8	1.88	17			
479.8											
Brown Mottled Gray Sandy CLAY (A-6)											
	14	2.85	14		-35	30	7.88	11			
474.8											
Gray Mottled Brown Silty CLAY (A-6)											
	10	4.15	18		-40	100	/5'	--	8		
452.3											
Brown Mottled Gray SHALE											
					-40	100	/6'	--	7		
447.3											
Gray Mot. Brown Sandy CLAY(A-6)											
	10	1.45	20								
End of Boring @ -44.0'											
N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"				Qu-Unconfined Compressive Strength in tons/sq.ft. w-Water Content-percentages of oven dry weight-%				B = Bulge Failure S = Shear Failure E = Estimated Value P = Penetrometer			

BORING 2