

HOLCOMB FOUNDATION ENGINEERING, INC.
 P.O. Box 88 618-529-8262
 Carbondale, IL 62903 618-457-8991 fax Page 1 of 2

Bridge Foundation Boring Log

Project: H-12103 Bridge E. Violet Rd. Date: 6/7/2012
 Section: 09-07106-00-BR Station _____ Bored by: B. Schwartz
 Structure: 041-3078 _____ Checked By: T. Holcomb
 County: Jefferson

Boring No. 1 Station: Offset:	Elevation	N	Qu tsf	w %	Surface Water Elev.	Elevation	N	Qu tsf	w %
Ground Surface	483.5				89.0	0			
5" Topsoil									
Brown Sandy CLAY (A-6)		12	1.85	11				78	7.25
								457.0	72.5
		4	0.85	23				67	10
Brown Sandy CLAY (A-6) to Clayey SAND (A-2-4)								60	4.48
Brown Mottled Gray Silty CLAY (A-6)									
Gray Fine to Medium SAND (A-2-4) with trace clay		2		20				12	25
Gray Mottled Brown Sandy CLAY (A-6)		8	0.68	20					
Brown Fine to Medium SAND (A-2-4)		15		23				45	5.58
Gray Clayey SAND (A-2-4)		10		2					
Gray Sandy CLAY (A-6)		1	2.15	15				100	7.5

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 - percentage of oven dry weight - %
 B = Bulge Failure
 S = Shear Failure
 E = Estimated Value
 P = Penetrometer

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Boring No. 1 Station: Offset:	Elevation	N	Qu tsf	w %	Surface Water Elev.	Elevation	N	Qu tsf	w %
shale (continued)									
End of Boring @ -49.0'									

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"
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BORING 1