

HOLCOMB FOUNDATION ENGINEERING INC. P.O. Box 88 618-529-5262 Carbondale, Il. 62903 618-457-8991 fax											
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Bridge Foundation Boring Log Project: H-10082 Bridge Co Rd 1500 N Drainage Ditch Date: 4/21/2010 Section: 09-16122-00-BR Station _____ Bored by: J. Carter Structure: 096-3112 _____ Checked By: T. Holcomb County: Wayne											
Boring No: 1		Surface Water Elev. _____		Ground Water Elev. During Drilling 369.0		Ground Water Elev. Upon Completion 389.0		Elevation		Elevation	
Station: _____		N		Qu		tsf		N		Qu	
Offset: _____		w		%		w		N		Qu	
		w		%		w		N		Qu	
Ground Surface 393.0		0		370.5							
4" Soil and Gravel Road Surface				Brown Clayey SAND (A-2-4)							
Gray Mottled Brown Silty CLAY (A-6)		10		1.45		17		-25		3 -- 27	
		4		0.7B		1B		-5		6 -- 22	
		4		0.9B		23		364.5			
		7		1.8S		23		-30		9 -- 20	
		6		1.4B		1B		359.5			
Gray Mottled Brown Silty CLAY (A-6) with sand		6		1.9B		1B		-35		13 1.5S 25	
		10		2.1B		15		354.5			
Brown Mottled Gray Sandy CLAY (A-6)		9		1.8B		17		-40		20 5.7S 10	
		6		1.9B		22		374.5			
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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Station: _____		N		Qu		tsf		N		Qu	
Offset: _____		w		%		w		N		Qu	
		w		%		w		N		Qu	
Ground Surface 393.0		0		370.5							
4" Soil and Gravel Road Surface				Brown Clayey SAND (A-2-4)							
silty clay (continued)		45		26		6.0S		9			
		100		/3"		--		10			
Gray SHALE		-50		100		/2"		--		8	
		100		/3"		--		11			
End of Boring @ -54.0'		-55									
		-60									
		-65									
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BORING 1