

HOLCOMB FOUNDATION ENGINEERING INC. P.O. Box 88 618-529-5262 Carbondale, Il. 62903 618-457-8991 fax											
Page 1 of 2						Page 2 of 2					
Bridge Foundation Boring Log											
Project: <u>H-10082</u> Bridge <u>Co Rd 1500 N Drainage Ditch</u> Date: <u>4/21/2010</u> Section: <u>09-16122-00-BR</u> Station _____ Bored by: <u>J. Carter</u> Structure: <u>096-3112</u> _____ Checked By: <u>T. Holcomb</u> County: <u>Wayne</u>											
Boring No: <u>2</u>		Surface Water Elev. _____		Ground Water Elev. _____		Elevation		Z		Cu tsf	
Station: _____		During Drilling <u>373.1</u>		Upon Completion <u>390.6</u>		Elevation		Z		Cu tsf	
Offset: _____						Elevation		Z		Cu tsf	
Ground Surface <u>392.6</u>		0		Brown Mottled Gray Sandy CLAY (A-6)		368.6					
5" Soil and Gravel Road Surface											
Gray Mottled Brown Silty CLAY (A-6)		8		Brown Mottled Gray Clayey SAND (A-2-4) with clay seams		-25		8		20	
		1.2B									
		10				-5		13		1.75 29	
		1.3S									
		5		Gray Sandy CLAY (A-6) with trace gravel and sand lenses		363.1		26		5.35 11	
		1.3B				-30					
		6				-10					
		2.1S									
		20				-35		39		2.7B 10	
Brown Mottled Gray Silty CLAY (A-6) with sand		6				381.1					
		1.4B									
		7				-15					
		2.1S									
		17				-20					
		12				-376.1					
		--									
		19				-40		24		5.25 10	
Brown Mottled Gray Clayey SAND (A-2-4)		11		Gray Medium SAND (A-2-4) with trace gravel		353.1					
		0.5S									
		5				-370.6					
		0.9B									
		24									

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5" Soil and Gravel Road Surface											
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		1.2B									
		10				-5		13		1.75 29	
		1.3S									
		5		Gray Sandy CLAY (A-6) with trace gravel and sand lenses		363.1		26		5.35 11	
		1.3B				-30					
		6				-10					
		2.1S									
		20				-35		39		2.7B 10	
Brown Mottled Gray Silty CLAY (A-6) with sand		6				381.1					
		1.4B									
		7				-15					
		2.1S									
		17				-20					
		12				-376.1					
		--									
		19				-40		24		5.25 10	
Brown Mottled Gray Clayey SAND (A-2-4)		11		Gray Medium SAND (A-2-4) with trace gravel		353.1					
		0.5S									
		5				-370.6					
		0.9B									
		24									

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

BORING 2