

Bridge Foundation Boring Log  
Project: 11-11086 Bridge Gray Rd over French Creek Date: 5/20/2011  
Section: 10-0517-09-BR Station Pored By: B. Schwartz  
Structure: Checked By: J. Holcomb  
County: White

Boring No. 2	Surface Water Elev.		Ground Water Elev. During Drilling		Ground Water Elev. Upon Completion	
	Elevation	N	Elevation	N	Elevation	N
Ground Surface	338.4	3				
6" Crushed Stone and Clay Mix						
Brown Mottled Gray Silty CLAY (A-B)	334.4	4	1.75	19	-2.7	27
Gray Mottled Brown Silty CLAY to CLAY (A-B)	334.4	5	1.65	25	-1.8	23
		2	0.60	30	-3.0	28
		3	1.10	28		
		11	2.45	27		
		13	2.65	25		
		17	4.15	24		
Gray Clay to Fat CLAY (A-B)	333.4	15	5.39	22		
		23	1.18	28		

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.  
W = Water Content - percentage of oven dry weight %  
S = Shear Failure  
E = Estimated Value  
P = Penetrometer

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	Elevation	N	Elevation	N	Elevation	N
soil (continued)	339.4	18	2.20	16		
Gray Silty CLAY (A-B) with some sand and pebbles	329.4	15	2.20	16		
		14	2.09	18		
		11				
		10				
Gray Weathered SHALE	324.4	100	6.78	15		
Dark Gray SHALE	322.4	100				

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BORING 2

FILE NAME = 110072-sht-bridge.dgn	USER NAME =	DESIGNED - A.S.L.	REVISOR -	STATE OF ILLINOIS WHITE COUNTY HIGHWAY DEPARTMENT	BORINGS STRUCTURE NO. 097-3279 SHEET NO. 9 OF 9 SHEETS	1.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
HAMPTON, LENZIN AND RENWICK, INC.	PLOT SCALE =	CHECKED - S.W.M.	REVISOR -			27	10-0517-09-BR	WHITE	13	13	
1415 S. FIFTH ST. CARBONDALE, IL 62901	PLOT DATE = 10/27/2012	DRAWN - D.A.B.	REVISOR -			GRAY ROAD DISTRICT CONTRACT NO. 99484					
ILLINOIS PROFESSIONAL ENGINEERING BOARD LICENSE NO. 124660300		CHECKED - S.W.M.	REVISOR -			ILLINOIS FED. AID PROJECT BR05-1530600					