

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-08220		Bridge Over Tributary to Shoal Creek		Date: 2-17-09		Section: 07-00085-00-BR		Station	
Route: North Pokey Road		Bored by: D. Russell		Checked By: T. Holcomb		County: Bond			
Boring No: 1		Surface Water Elev.		Elevation		N		Cu	
Station:		Ground Water Elev.		Elevation		N		Cu	
Offset:		During Drilling		Elevation		N		Cu	
		Upon Completion		Elevation		N		Cu	
Ground Surface		504.8		0					
3' A-3/ 6" C. Stone		504.8							
Gray Silty CLAY and Crushed Stone mixture (A-6)		502.6		17		1.05		7	
Gray Silty CLAY (A-6)		496.6		7		3.18		19	
Brown Mottled Gray Silty CLAY (A-6)		494.1		4		1.08		25	
Gray SAND (A-2-4) w/ clay		491.6		3		0.88		24	
Gray Mottled Brown Sandy CLAY (A-6)		489.1		2		1.48		29	
Gray SAND (A-2-4) with gravel		486.6		20		3.56		17	
Gray Mottled Brown CLAY (A-6)		484.1							
Gray Weathered SHALE									
End of Boring @		-31.5'							

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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Route: North Pokey Road		Bored by: D. Russell		Checked By: T. Holcomb		County: Bond			
Boring No: 2		Surface Water Elev.		Elevation		N		Cu	
Station:		Ground Water Elev.		Elevation		N		Cu	
Offset:		During Drilling		Elevation		N		Cu	
		Upon Completion		Elevation		N		Cu	
Ground Surface		504.8		0					
3' A-3/ 6" C. Stone		503.8							
Brown Mottled Gray Silty CLAY (A-6) with crushed stone		501.6		13		1.05		7	
Brown Mottled Gray Silty CLAY (A-6) w/ sand		498.6		4		0.88		22	
Gray Mottled Brown Sandy CLAY (A-6)		496.6		10		1.25		17	
Gray Clayey SAND (A-2-4)		493.1		3		0.68		16	
Gray SAND (A-2-4)		488.1		4		1.08		25	
Gray Mottled Brown SAND (A-2-4) w/ gravel and clay		485.6		20		3.56		17	
Gray to Brown Weathered SHALE		483.1		12		1.18		18	
End of Boring @		-29.0'							

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

FILE NAME: H:\5790\C.25.Bridge.bring.5790.1d.dgn	USER NAME: .USERDESOR.	DESIGNED: B.I.B.	REVISED: -
PLOT SCALE: 3/8" = 1' IN.	DATE: 9/7/2012	DRAWN: K.H.L.	REVISED: -
		CHECKED: L.D.G.	REVISED: -
		DATE: -	REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

SCALE:	SHEET NO. 10 OF 10 SHEETS	STA.	TO STA.
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FAS RTE: 779	SECTION: 07-00085-00-BR	COUNTY: BOND	TOTAL SHEETS: 41	SHEET NO.: 26
SN 003-3053			CONTRACT NO. 97508	
ILLINOIS FEDERAL AID PROJECT				