HOLCOMB FOUNDATION ENGINEERING INC.
P.O. Box 88 618-529-5262
Carbondale, Il. 62903 618-457-8991 fax

Bridge Foundation Boring Log

Project: H-09191 Bridge Co Rd 500 N Date: 8/3/09
Section: 07-00104-00-BR Station
Structure: Bored by: J. Carter
County: White Checked By: T. Holcomb

Boring No: 1
Station:
Offset:

Surface Water Elev.
Ground Water Elev. During Drilling 346.8
Upon Completion 376.3

Elevation	N	Qu tsf	w %	
380.3				Ground Surface
				4" A-3 Surface
				Gray Mottled Brown Silty CLAY (A-6)
	8	1.7S	21	
-5	5	1.4B	23	
374.3				Gray Silty CLAY (A-6) to Clayey SILT (A-4)
	5	1.8S	23	
-10	5	1.1B	25	
364.3				Gray Mottled Brown Silty CLAY (A-6)
	5	2.5S	23	
-20	8	1.9S	22	
	9	1.7S	23	
				silty clay (continued)
356.3				
-25	10	1.9B	18	Brown Sandy CLAY (A-6)
	18	1.4B	17	
351.8				Brown Mottled Gray CLAY (A-6) (A-7-6)
-30	6	1.7S	38	
346.8				Brown Fine to Medium SAND (A-2-4)
-35	6	---	23	
	3	0.8B	26	
-15	3	0.7S	27	
340.3				Gray Fine to Medium SAND (A-2-4)
-40	14	---	23	

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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Elevation	N	Qu tsf	w %	
				sand (continued)
-45	11	---	---	
				311.3
	100 /1"	---	16	End of Boring @ -69.0'
-50	36	---	27	
-55	64	---	20	
318.3				Brown SANDSTONE
-60	46	---	22	
-65	100 /1"	1.3S	14	
	100 /1"	---	21	

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BORING 1

FILE NAME = 090259-sht-bridge.dgn	USER NAME =	DESIGNED - D.W.T.	REVISED -	STATE OF ILLINOIS WHITE COUNTY HIGHWAY DEPARTMENT	BORINGS STRUCTURE NO. 097-3271 SHEET NO. 11 OF 12 SHEETS
HAMPTON, LENZINI AND RENWICK, INC. 3985 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.003959		CHECKED - S.W.M.	REVISED -		
	PLOT SCALE =	DRAWN - D.A.B.	REVISED -		
	PLOT DATE = 10/7/2011	CHECKED - S.W.M.	REVISED -		

FAS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
881	07-00104-00-BR	WHITE	16	15
INDIAN CREEK ROAD DISTRICT		CONTRACT NO. 99451		
ILLINOIS FED. AID PROJECT				