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

Page 1 of 2

Bridge Foundation Boring Log

Project: H-09189 Bridge Co Rd 1200 N Date: 8/4/09
Section: 08-04126-00-BR Station Bored by: D. Russell
Structure: Checked By: T. Holcomb
County: White

Boring No: 2
Station:
Offset:

Surface Water Elev.
Ground Water Elev. During Drilling 402.0
Upon Completion plugged

Elevation		N	Qu tsf	w %
419.0	0			
		6	1.3S	26
415.0				
	-5	7	1.4S	16
		4	1.0S	19
410.0				
	-10	7	2.1S	20
		9	2.1S	20
405.0				
	-15	7	2.6S	25
		4	--	32
400.0				
	-20	1	--	32
		2	--	32

Ground Surface
3" A-3 Surface
Brown Mottled Gray Silty CLAY to Clayey SILT (A-6 to A-4)
Gray Mottled Brown Silty CLAY to Clayey SILT (A-6 to A-4)
Brown Mottled Gray Sandy CLAY (A-6)
Brown Mottled Gray Clayey SILT (A-4)
Gray Clayey SILT (A-4)

Elevation		N	Qu tsf	w %
clayey silt (continued)				
395.0				
Gray Sandy SILT (A-4)	-25	3	--	30
		3	--	25
	-30	4	--	23
385.0				
Gray Sandy CLAY (A-6)	-35	11	3.1S	15
380.0				
Gray Sandy SILT (A-4)	-40	12	--	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

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Surface Water Elev.
Ground Water Elev. During Drilling 402.0
Upon Completion plugged

Elevation		N	Qu tsf	w %
silt (continued)				
	-45	13	--	26
370.0				
Gray Clayey SAND (A-2-4)	-50	14	--	22
365.0				
Brown-Gray Sandy CLAY (A-6)	-55	25	3.3S	21
363.0				
Gray SHALE		100/6"	4.25	13
	-60	100/5"	--	13
357.5		100/3"	--	13
End of Boring @ -61.5'				
	-65			
	-70			
	-75			
	-80			
	-85			

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.
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B = Bulge Failure
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BORING 2

FILE NAME = 090058-sht-bridge.dgn	USER NAME =	DESIGNED - A.S.L.	REVISED - 01/18/10
HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000969		CHECKED - S.W.M.	REVISED -
	PLOT SCALE =	DRAWN - D.T.M.	REVISED -
	PLOT DATE = 12/12/2010	CHECKED - S.W.M.	REVISED -

STATE OF ILLINOIS
WHITE COUNTY HIGHWAY DEPARTMENT

BORINGS
STRUCTURE NO. 097-3266
SHEET NO. 9 OF 9 SHEETS

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
235	08-04126-00-BR	WHITE	13	13
ENFIELD ROAD DISTRICT		CONTRACT NO. 99430		
ILLINOIS FED. AID PROJECT				