CONTRACT NO. 95505

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9th	05-00142-00-BR	COLES	16	15
STA. 14+00		TO STA.15+80		

Sheet 10 of 10 Sheets

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-06281 Bridge over Kickapoo Creek Date: 10/30/06
Section: Station 15+00
Route: 9th Street Bored by: D. Russell
County: Coles Checked By: T. Holcomb

Boring No: 2
Station: 14+48
Offset: 35' Lt.

Surface Water Elev.
Ground Water Elev. During Drilling 660.56
Upon Completion 691.06

	Elevation	N	Qu tsf	w %
Ground Surface 704.06	0			
8" Topsoil 703.56				
Brown Silty CLAY (A-6) with sand and pebbles		5	2.8S	13
	-5	6	1.8S	15
698.06				
Brown Mottled Gray Sandy CLAY (A-5)		11	3.1S	15
695.56				
Gray Silty CLAY (A-6) with sand and pebbles	-10	12	3.3S	12
		11	2.9B	12
	-15	11	3.7B	12
		9	2.0S	12
	-20	10	1.2B	13
		12	3.9B	12
silty clay (continued)	-25	14	3.5B	12
		14	3.0B	13
	-30	15	2.6B	14
		14	2.4B	13
	-35			
	-40	9	1.8B	13
660.56				
Gray Coarse SAND (A-2-4) with gravel				

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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Page 2 of 2

Bridge Foundation Boring Log

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Section: Station 15+00
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Boring No: 2
Station: 14+48
Offset: 35' Lt.

Surface Water Elev.
Ground Water Elev. During Drilling 660.56
Upon Completion 691.06

	Elevation	N	Qu tsf	w %
sand (continued)	-45	18	--	10
654.06	-50	29	--	16
End of Boring @ -50.0'				
	-55			
	-60			
	-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. w-Water Content-percentage of oven dry weight-%
B = Bulge Failure S = Shear Failure E = Estimated Value P = Penetrometer

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING #2 LOGS
9th St. Over Kickapoo Creek
SECTION 05-00142-00-BR
CITY OF MATTOON STA. 14+95
STRUCTURE NO. 015-6339

SCALE: N.T.S. DRAWN BY ALB
DATE 12/5/06 CHECKED BY MED

THE UPCHURCH GROUP
architects engineers surveyors
HILLSIDE, IL. (708) 449-2321
MATTOON, IL. (217) 235-3177

PLOT DATE = 10/25/2007
FILE NAME = P:\Civil\Mattoon\9th St. Bridge\DRAWINGS\Soil Borings.dgn
PLOT SCALE = 50.0000 FT / IN.
USER NAME = JASEL