ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation
Boring Log
Sheet 1 of 2

ILL 151 Over Kinkaid Lake
Route: IL 151 Structure Number: 039-0034 Date: 06/09/2003
Section: Bored By: Bryan Keller
County: Jackson Location: 1.6 MI N of ILL 3 Checked By: Rob Graeff

Boring No 1-S
Station 240+73
Offset 13' LT CL
Ground Surface 427.9 Ft

Surf Wat Elev: 420.5
Ground Water Elevation
when Drilling 423.4
At Completion
At: Hrs:

DEPTH	BLOW	Qu tsf	W%		DEPTH	BLOW	Qu tsf	W%
Bituminous Shoulder						WH	0.3B	25
425.9						WH		
				400.9				
Medium, very moist, Brown mottled grey, Silty Clay A7-6	WH			Very loose, wet, grey, very		1		
	1	0.7B	19	fine Silty Sand		WH		19
	2			91% Sand		1		
423.4				7% Silt				
Stiff, very moist, grey, Silty	5.0 1			2% Clay	30.0	1		
Clay Loam A-6	1	1.9B	20			1		
	2					2		
420.9				395.9				
Stiff, very, moist, grey, Silty Clay	1			Very loose, wet, grey, Sandy		1		
A-6 with a Sand Layer	6	1.1B	23	Gravel with Silty Clay Layers		1		17
	1			and Rotten Wood		2		
418.4				58% Sand; 7% Silt				
Very stiff, moist, brown, Silty	10.0 1			1% Clay; 34% Gravel 393.4				
Clay A-6	2	2.1B	23	Very loose to loose, wet, grey,	35.0	9		
	2			very fine Silty Sand with some		3		18
415.9				Gravel		1		
Stiff, moist, grey, Silty Clay	1			81% Sand				
Loam A-6 with some	2	1.4S	22	7% Silt				
Boulders and Gravel	2			1% Clay		WH		
				11% Gravel		WH		
				388.4		WH		
	15.0 1			Soft to medium, very moist, grey,	40.0	WH		
	1	1.8S	16	Silty Clay Loam A-6		WH	0.5S	27
	1					1		
410.9								
Stiff, very moist, grey, Silty Clay	WH							
A-6	1	1.8B	20					
	3							
408.4				383.9				
Soft, very moist, grey, Silty	20.0 1			Hard, dry, grey, Sandstone 382.9	45.0	100/5"		
Clay Loam A-6 with Sand	WH	0.4S	27	Bottom of hole = 45.0 ft.				
Layers	1			Free water observed at 4.5 ft.				
				Elevation referenced to BK S				
	WH			Abut Sta 240+99 Elev= 428.0 ft				
	WH	0.3B	26	To convert "N" values to "N60"				
	WH			values multiply by 1.25.				
	25.0 WH				50.0			

N-Std Pentr Test: 2" OD Sampler,
140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

Sheet 2 of 2
Date: 06/09/2003

Route: IL 151
Section:
County: Jackson

Boring No: 1-S
Station: 240+73
Offset: 13' LT CL
Ground Surface: 427.9 Ft

DEPTH	BLOW	Qu tsf	W%		DEPTH	BLOW	Qu tsf	W%
55.0					80.0			
60.0					85.0			
65.0					90.0			
70.0					95.0			
75.0					100.0			

N-Std Pentr Test: 2" OD Sampler,
140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

MODJESKI and MASTERS
Experience great bridges.

FILE NAME =	USER NAME =	DESIGNED - RLM	REVISED -
		CHECKED - MJP	REVISED -
	PLOT SCALE =	DRAWN - PRC	REVISED -
	PLOT DATE = 12/02/2010	CHECKED - RLM	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
STRUCTURE NO. 039-0073
SHEET NO. 31 OF 32 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1908	(13B)I-2	JACKSON	71	70
		CONTRACT NO. 98898		
	ILLINOIS	FED. AID PROJECT		