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: 06/12/2003
Section: Bored By: Bryan Keller
County: Jackson Location: 4.6 MI N of ILL 3 Checked By: Rob Graeff

Boring No 2-S
Station 242+11
Offset 12' RT CL
Ground Surface 427.9 Ft

Surf Wat Elev: 420.5
Ground Water Elevation
When Drilling 400.9
At Completion
At: Hrs:

DEPTH	BLOW	Qu tsf	W%	DEPTH	BLOW	Qu tsf	W%
Bituminous Shoulder					WH	0.4B	30
					WH		
425.9				400.9			
Stiff, moist, brown, Silty Clay	2			Very loose, wet, grey, very fine	WR		
A-6	3	1.7B	17	Silty Sand	WR		29
	4			85% Sand	WR		
423.4				12% Silt			
Medium to stiff, very moist, 5.0	1			3% Clay 30.0	1		
brown, Silty Clay A-6	2	1.0B	18		1		
	2				2		
420.9							
Soft, very moist, brown to grey,	WH				1		
Silty Clay A7-6	WH	0.3S	23		1		
	WH				2		
418.4				393.4			
Medium to stiff, very moist, 10.0	WH			Soft, very ,moist, grey, Silt Loam 35.0	1		
b . Silty Clay A7-6	1	1.0P	21	A-4 with Rotten Wood and	1	0.4B	21
	WH			Sandy Gravel Layers	1		
415.9				390.9			
Stiff, very moist, brown, Silty	WH			Medium to stiff, very moist, grey,	1		
Clay A7-6 with some	1	1.1B	18	Clay A7-6	2	1.0B	27
Gravel	1				1		
413.4				388.4			
Stiff, very moist, grey, Clay 15.0	1			Medium, very ,moist, grey, Silty 40.0	WH		
A7-6	1	1.1S	22	Clay A7-6	1	0.9B	32
	2				1		
410.9				383.4			
Medium, very moist, grey mottled	WH						
brown, Clay A7-6 with some	WH	0.9B	26				
Gravel	WH						
408.4							
Soft, very moist, grey, Silty 20.0	1			Very dense, wet, grey 45.0	100/12"		
Clay Loam A-6 with Sand	2	0.3S	18	Sandy Gravel			12
Layers	2			381.9			
	1			Hard, dry, grey, Sandstone 380.4	100/2"		
	WH	0.4S	22				
	1			Cored from 47.5 ft to 52.5 ft.			
				Hard, dry, grey, Sandstone			
				100% Recovery			
25.0	WH			100% RQD 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

Route: IL 151
Section:
County: Jackson
Date: 06/12/2003

Boring No: 2-S
Station: 242+11
Offset: 12' RT CL
Ground Surface: 427.9 Ft

DEPTH	BLOW	Qu tsf	W%	DEPTH	BLOW	Qu tsf	W%
375.4							
Cored from 52.5 ft to 57.5 ft							
Hard, dry, grey, Sandstone							
with Clay Shale Seams							
92% Recovery 55.0					80.0		
78% RQD							
370.4							
Bottom of hole = 57.5 ft.							
Free water observed at 27.0 ft							
Elevation referenced to BK N. 60.0					85.0		
ite 242+02 Ele = 428.0							
To convert "N" values to "N60" values multiply by 1.25.							
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. 32 OF 32 SHEETS

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