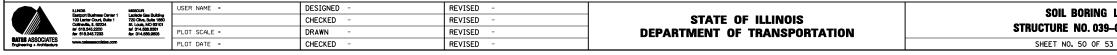
ILLINOIS DEPARTMENT OF TRANSPORTATION District Nine Materials ILL 13 WB Over Big Muddy River							Bridge Foundation Boring Log Sheet 1 of 2				
Route: ILL 13 St		e Numbe	r: 039-	-0013 an	nd 039-0049			0/7/200	04		
Section						red By:	Bryan	Keller			
County: Jackson	Loca	Location: E. Edge of Murphysboro Checked By: Rob Graeff									
	D	в			Surf Wat Elev: 338.5	D	в				
Boring No 2-S	- E	L			Ground Water Elevation	E	L				
Station 339+62	- P	0			when Drilling 322.4	- P	ō				
Offset 36' RT CL	- T	w	Qu		At Completion	_ T	w	Qu			
Ground Surface 354.4 F	t H		tsf	W%	At: 24 Hrs: 349.6	н		tsf	W%		
Very stiff, moist, brown,				1			WH	0.4B	27		
Silty Clay A-6							WH				
					327.4						
		2			Medium, very moist, grey, Clay		WR				
		5	2.6B	17	A7-6	_	WH	0.7B	24		
		8					WH				
349.9 Stiff, moist, brown, Silty Clay	5.0	2			324.9						
A-6	5.0	4	1.7S	20	Medium, very moist, brown, Clay A7-6	30.0	1	0.7B	28		
		5	1.75	20	Clay A7-0		2	0.76	20		
347.4					322.4						
Medium, very moist, grey, Clay A7-6		1			Soft, wet, brown, Clay A7-6		WH				
		2	0.7B	39	with Sand layers		1	0.4B	29		
	_	2					1				
344.9					319.9						
Soft to medium, very moist, grey, Clay to Silty Clay A7-6	10.0	WH			Medium, wet, brown, Clay to	35.0	WН				
		1	0.5B	31	Silty Clay A7-6		3	0.8B	26		
		1					5				
342.4											
Very soft, very moist, grey, Clay		WH			317.4 Stiff, very moist, brown, Clay		1				
to Silty Clay A7-6		WH	0.2B	32	A7-6 with some Gravel		2	1.3S	34		
		WH	0.20	02			2	1.00	04		
					Ť.						
339.9					314.9		I				
Soft, very moist, grey, Clay to Silty Clay A7-6	15.0	WH WH	0.3B	32	Dense, wet, grey,	40.0	1 20				
		WH	0.38	32	Sandy Gravel 33% Sand		20		14		
					17% Silt						
337.4					6% Clay		1				
Soft to medium, very moist,		WR			44% Gravel		1				
grey, Clay A7-6		WH	0.5B	29	1		4				
		WH			-		1				
334.9					309.9		1				
Soft, very moist, grey, Clay A7-6 -	20.0	WH			Stiff, wet, brown, Clay A7-6	45.0	WH		-		
		WH	0.4B	29			1	1.1S	43		
		WH			4 -		2				
							4				
		WH					1				
		WH	0.4B	29	1		1				
		WH	0.40	20			1				
					1		]				
					304.9						
	25.0	WR				50.0	) 1				

Coute: ILL 13				
Section:	-			
County: Jackson	_			
		_ 1		
Soring No: 2-5	D E	BL		
Station: 339+62	P	ō		
Offset: 36' RT CL	] <del>;</del>	w	Qu	
Ground Surface: 354.4 Ft			tsf	W%
Stiff, very moist, grey, Clay		1	1.3B	28
A7-6 with Sand layers		2		
-				
-				1
				1
299.9				
Very loose, wet, grey, very	55.0	WR		
fine Silty Sand		WR		25
92% Sand		WR		
2% Silt				
6% Clay				
-				
294.9				
Medium, wet, grey, very fine	60.0			
Silty Sand with some Gravel		5		21
and Clay layers		7		
79% Sand 4% Silt		ł		
4% Sill 8% Clay		1		
9% Gravel				
		1		
				3
289.9				
Hard, dry, black, Clay Shale 289.4	65.0	100/8"		
		1		
Bottom of hole = 65.0 ft.		<u> </u>		
		1		
Free water observed at 32.0 ft.				
		4		
Elevation referenced to Bk		-		
East Abutment Sta 338+65 Elevation = 383.64 ft.		-		
2.012(0)) = 000.04 IL	70.0	1		
To convert "N" values to "N60"		1		
values multiply by 1.25.		1		
		1 ·		
		4		
		4		
		4		
		4		
		1		
	75.0	5		



	Date	·	of 2 10,	/7/2004
	D E P T H	B L O W	Qu tsf	W%
-				
_				
-	80.0			
-				
-				
-	85.0			
-				
-	90.0			
-				
-				
•	95.0	2		
•				

G LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
9–0076 (W.B.)	331	(12-1)B-1	JACKSON	200	162			
			CONTRACT	NO. 7	8056			
53 SHEETS	ILLINOIS FED. AID PROJECT							