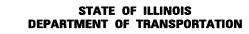
ILL 13 WB Over Big Muddy Ri	ver						Sheet 1	of 2	
Route: ILL 13 St	ructur	numbe	r: 039-	-0013 a	nd 039-0049	Date:	:	9/29/20	04
Section	_					ored By:			
County: Jackson	Loca	tion:_E	. Edge	of Mur	physboro Chec	ked By:	Rob Gr	aeff	
Boring No 4-S	D	В			Surf Wat Elev: 339.7	В	В		
Station 341+61	E	L			Ground Water Elevation	E	L		
Offset 31' RT CL	- P	0		ľ	when Drilling 342.2	_ P	0		
	- T	w	Qu		At Completion		w	Qu	
Ground Surface 351.7 Ft	Н		tsf	W%	At: 96 Hrs: 344.7	н		tsf	W%
Stiff, very moist, brown, Silty Clay A7-6					Soft to medium, very moist, grey, Clay A7-6		WH_	0.5B	
						-			
-		1			1		WH		
_		2	1.2B	28	1		WH	0.5B	
		33			1		WH		
347.2					322.2				
Soft, very moist, brown mottled	5.0	1			Medium, very moist, brown	30.0	WH		
grey, Silty Clay A-6		1	0.4B	28	mottled grey, Clay to Silty Clay		WH	0.6B	- :
-		2			A7-6		WH		
344.7	-				319.7				
Very soft, wet, grey mottled		WH			Stiff, very moist, grey, Clay		1		
brown, Silty Clay A-6		WH	0.2B	31	A7-6		2	1.2B	- :
	_	WH			4		2		
342.2					317.2				
Soft, wet, grey, Clay to Silty	10.0	WH			Medium, very moist, grey,	35.0	WH		
Clay A7-6	_	1	0.3B	31	Clay A7-6		WH	0.7B	
-		WH			4		WH		
339.7									
Soft to medium, wet, brown		WH					WH		
mottled grey, Silty Clay to Clay A7-6		WH WH	0.5B	29			WH	0.8B	
A7-0	-	VVIT			1	_	11_		
337.2					312.2				
Soft, wet, brown mottled grey,	15.0	WH			Stiff, very moist, brown, Clay	40.0			
Silty Clay to Clay A7-6		WH WH	0.4B	28	A7-6		1	1.2B	
-					1		-	-	-
		1			4		1		
		WH	0.4B	28	4		1		
•		WH	U.4B	28			1		
					1		1		
	90.0	140:			307.2				
	20.0	WH WH	0.4B	28	Stiff, wet, brown, Clay A7-6 with fine Sand layers	45.0	2	1.2B	
	_	WH	U.#D	20	77-0 with line band layers		w _H	1.2B	
					1		T ***		
Medium, very moist, grey, Clay		WH			4		4		
to Silty Clay A7-6		WH	0.7B	26	1	_	1		
		WH					1		
327.2							1		
321.2	25.0	WH			302.2	50.0	1		
	20.0	441				50.0	<u>q 1</u>		

Route: ILL 13								of 2	
Section:	_					Date	·——	9/.	29/2004
County: Jackson									
						.,			
Boring No: 4-8	D	В				D	В		1
Station: 341+61	ΗE	L				E	L	l	
Offset: 31' RT CL	- P	0			4	P	0	i	l
	- T	w	Qu			T	W	Qu	
Ground Surface: 351.7 F	t H		tsf	W%		Н		tsf	W%
Medium, wet, grey, Silty Clay		4	0.78	27					
A-6		4							
					Botom of hole = 75.0ft.				
		ł			Free water observed at 9.5 ft.	_			
		l			 _				
					Elevation referenced to BK				
297.2		1			W. Abut Elevation = 383.64 ft.				
Loose to medium, wet, grey,	55.0	1			To convert "N" values to "N60"	80.0			
fine Silty Sand with some		5		21	values multiply by 1.25.	- 60.0			
Gravel	_	5		21	values multiply by 1.25.				
81% Sand					1				
7% Silt		1				_			
4% Clay		1							
8% Gravel		1							
		}							
]							
292.2					<u> </u>				
Medium, wet, grey, fine	60.0				1	85.0			
Silty Sand with some Gravel		6		21					
69% Sand		10			1				
9% Silt					ll .				
7% Clay		ł							
15% Gravel 288.7									
Hard, dry, black Coal		1							
. rara, ary, black obar		1				_			
		İ			ll .				
	65.0	100/3"			1 .	90.0			
					1				
		l				_			
					1				
		1							
	_	1			1				
		1							
	_	ł							
		ł							
Hard, moist, black, Coal with	70.0	100/5"			 	95.0			
Clay Shale Layers		100/3			1	95.0			
, Chaic Layers	-	1			1				
		t			1 .				
		1				, 			
]			1				
		1			1				
Hard, dry, grey, Clay Shale]			1				
					4		l		
276.7	75.0	100/3"			Ш.	100.0	1		

ı	GATES ASSOCIATES Engineering + Architecture
ı	Engineering + Architecture







SOIL BORING LOGS FRUCTURE NO. 039-0076 (W.B.)			
SHEET NO. 51 OF 53 SHEETS			

F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEE NO.			
331	(12-1)B-1	JACKSON	200	163				
		CONTRACT	NO. 7	8056				
ILLINOIS FED. AID PROJECT								