Illinois Department of Transportation					SOIL BORING LOG Date9/1/09								
Division of Highways Geotechnology, Inc Oswald Bridge over	DEG	CBI	PTION		•		LOGG						
SECTION LOCATIO					LOGGED BY MTE								
COUNTY Madison County DF	Y Madison County DRILLING METHOD					ISA and MR HAMMER TYP	E Auto						
STRUCT. NO		D E P	B L O	U C S	M 0	Surface Water Elev. ft Stream Bed Elev. ft	D E P	BLOW	U C S	M O I S			
BORING NO. B-3 Station 24+01 Offset		T H	w s	Qu	S T	Groundwater Elev.: First Encounter ft Upon Completion ft	н	S	Qu	T			
Ground Surface Elev. 486.5	ft	(ft)	(/6")	(tsf)	(%)	After Hrs ft	(ft)	(/6")	(tsf)	(%)			
Brown to gray, SILTY CLAY (FILL), trace gravel						Soft, brownish-gray CLAY, trace sand (continued)		2					
			3		21			3	0.3	22			
		_	3					2	В				
					ļ			1					
	481.5						-25	1	0.3 B	31			
Soft, brown, SILTY CLAY	401.3	-0					-						
			1		-00			0	0.6	32			
			1		23			Ö	B	32			
							<u> </u>						
			1	0.4	30			0	0.4	28			
		10	1	В			30	0	В				
	475.5		1										
Stiff to medium stiff, gray CLAY, trace sand			3	1.3	22								
,			3	В									
			1					1					
			3	0.7	20			1		28			
		<u>-15</u>	4	S			35	\					
			0				 -	}					
			0	0.6 B	24								
	468.5		-	† <u> </u>			-						
Soft, brownish-gray CLAY, trace sand			0				_	3					
,			0	0.3 B	24	medium stiff	-40	1 2	0.6 B	30			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

* Rimac attempted, not measured due to sample disturbance
** Not measured due to drilling methods used



SOIL BORING LOG

Page 2 of 2

of I ranspo	ortatio	on		3 C	IL BURING LUG		Date	9/1	/09
Geotechnology, Inc	DESC	CRIPTION	٧			LOGG			
ECTION						·····			
					HAMMER TY	PE	At	uto	
STRUCT. NO		D B E L P O	U C S	M 0 1	Surface Water Elev. ft Stream Bed Elev. ft	P	B L O	UCS	M 0 1
Station	_ !	T W H S ft) (/6")	Qu (tsf)	S T (%)	Groundwater Elev.: First Encounter ft Upon Completion ft After Hrs ft		W S (/6")	Qu (tsf)	S T (%)
Ground Surface Elev. 486.5 Soft, brownish-gray CLAY, trace sand (continued)	ft ((,	(/4)	Very stiff to hard, brownish-gray CLAY, trace sand (continued)			`	
/ery stiff to hard, brownish-gray CLAY, trace sand	444.5	<u></u>			Soft, gray SHALE	24.5			
, and a same		4 5	2.8	19			50/3"		
		<u>45</u> 9	В			69	5		***************************************
	-	-							
						-	50/6"		
		9 -50 12	4.5 B	19	SHALE - see attached core log	16.5 -7	0		
	-								
	-								
		5 8 55 11	2.4 B	25					
		-55 11	Ť						
	_	_	-						
	-	17				•			
bluish-gray, shaley	_	50/6	2.2	25			4		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

Rimac attempted, not measured due to sample disturbance
Not measured due to drilling methods used

-			
	USER NAME =	DESIGNED	REVISED -
		CHECKED	REVISED
	PLOT SCALE =		REVISED
	PLOT DATE =	CHECKED	REVISED -

SOIL BORING LOGS	TWP Road	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STRUCTURE NO. 060-3346	305A	06-11114-00-BR	MADISON	25	20
			CONTRACT	NO.	
SHEET NO. 13 OF 14 SHEETS	ILLINOIS FED. AID PROJECT				