



SOIL BORING LOG

Page 1 of 2

Date 9/14/10

ROUTE FAI 57/FAP 331 DESCRIPTION FAI 57 over IL Rte 13 LOGGED BY KEG

SECTION (X1-6-2)HBK-2 LOCATION Marion; N 1/2 Section 14, TWP 9S, RNG 2E

COUNTY Williamson DRILLING METHOD CME 55LC/HSA HAMMER TYPE Automatic

STRUCT. NO. 100-0088 (NB) & 100-0089 (SB)
 Station _____
 BORING NO. B-6
 Station 1492+15.99
 Offset 71.3 ft Rt
 Ground Surface Elev. 469.57 ft

DEPTH (ft)	BLOW (6")	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOW (6")	UCS (tsf)	MOIST (%)
468.6				Grass cover and topsoil				
	7			FILL: Grayish brown and brown, clay, trace wood (A-7)		4		
	6	4.5	13	Becomes brown and gray		3	1.8	20
	6	P				6	B	
446.6				FILL: Brown and gray, silty clay (A-6)		2		
	9			Becomes greenish gray		4	1.5	21
	5	4.5	15			4	B	
	8	P				4		
441.6				SILTY CLAY: Grayish brown (A-7)		2		
	7			Becomes brown and gray		3	1.2	28
	6	2.3	20			4	B	
437.6				CLAY: Gray, some sand (A-7)		2		
	4					2	1.0	26
	4	1.6	20			2	B	
	6	B				2		
459.1				FILL: Greenish gray and brown, silty clay (A-7)				
	2							
	2	1.4	19					
	3	B						
456.6				FILL: Gray and brown, clay (A-7)		3		
	2					5	1.7	19
	3	1.4	19			6	B	
	3	B						
454.1				FILL: Brown, silty clay (A-6)				
	2							
	2	0.7	20					
	4	B						
451.6				FILL: Gray and brown, clay (A-7)		2		
	3			Becomes brown and gray		3	1.6	22
	3	1.3	23			5	S	
	4	B						

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, form 137 (Rev. 8-99)



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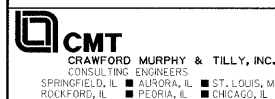
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DEPTH (ft)	BLOW (6")	UCS (tsf)	MOIST (%)	DESCRIPTION
				CLAY: Gray, some sand (A-7) (continued)
	2			
	3	1.0	20	
	5	B		
421.6				CLAYEY SHALE: Gray
	50/5"	-	17	
	50/1"			
415.9				Borehole continued with rock coring.
	50/1"	-	13	
	50/1"			

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BBS, form 137 (Rev. 8-99)



FILE NAME = ...57\B65.BORING LOGS VIII.dgn
 USER NAME = Rob Heady
 PLOT SCALE =
 PLOT DATE = 10/7/2011

DESIGNED - BPD
 CHECKED - WLB
 DRAWN - GLD
 CHECKED - BPD

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BORING LOGS VIII
 STRUCTURE NO. 100-0088 (N.B.) & 100-0089 (S.B.)

SHEET NO. 74 OF 75 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)HBK-2	WILLIAMSON	968	659
* F.A.I. 57 AND F.A.P. 331			CONTRACT NO. 78182	
ILLINOIS FED. AID PROJECT				