



# SOIL BORING LOG

Date 9/13/10

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

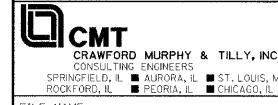
SECTION (X1-6-2)HBK-2 LOCATION Marion; N 1/2 Section 14, TWP 9S, RNG 2E

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

STRUCT. NO. 100-0088 (NB) & 100-0089 (SB)  
 Station \_\_\_\_\_  
 BORING NO. B-1  
 Station 1489+00.70  
 Offset 121.4 ft Lt  
 Ground Surface Elev. 449.01 ft

DEPTH	BLOWS	UCS	MOIST	Surface Water Elev.	DEPTH	BLOWS	UCS	MOIST
(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
Grass cover and topsoil								
448.0								
FILL: Brown, silt, trace roots (A-4)	5	0.5	20					
	2	S						
446.0								
FILL: Grayish brown, silty clay (A-6)	2							
	2	0.5	26					
444.5								
SILTY CLAY: Gray and brown (A-7)	2	B		424.5		50/3"		8
	2							
443.5								
SILTY CLAY: Brown and gray, some sand (A-6)	2			423.5				
	2	1.2	20			50/3"		4
	3	B				50/1"		
Becomes grayish brown	2							
	3	1.3	21	420.2		50/2"		4
	4	B				50/1"		
438.5								
CLAY: Gray and brown, some sand (A-7)	2							
	3	1.8	20					
	4	B						
Becomes brown	2							
	3	2.3	19					
	6	B						
	2							
	4	1.9	19					
	5	B						
Becomes brown and gray, trace sand, organics	2							
	3	1.2	24					
	3	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)



FILE NAME = ...\\57\061\BORING LOGS IV.dgn  
 USER NAME = Rob Heady  
 PLOT SCALE =  
 PLOT DATE = 10/7/2011

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

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

BORING LOGS IV  
 STRUCTURE NO. 100-0088 (N.B.) & 100-0089 (S.B.)  
 SHEET NO. 70 OF 75 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)HBK-2	WILLIAMSON	968	655
* F.A.I. 57 AND F.A.P. 331			CONTRACT NO. 78182	
ILLINOIS FED. AID PROJECT				