



SOIL BORING LOG

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Date 9/10/10

ROUTE FAI 57/FAP 331 DESCRIPTION FAI 57 Ramp I over Ramp D LOGGED BY KEG

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

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

STRUCT. NO. 100-0097
 Station _____
 BORING NO. B-17
 Station 14+73.45
 Offset 13.4 ft Lt
 Ground Surface Elev. 464.51 ft

DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)
463.5				Grass cover and topsoil				
3				SILTY CLAY: Brown and gray, some sand (A-7)	50	-		
4	3.0	21	50/0"					
5	P							
2				Becomes gray Boring terminated due to SPT shoe in bottom of boring.	440.5	50/2"	-	5
3	0.9	21	50/1"					
4	B			End of Boring				
2				CLAY: Brown and gray, some sand (A-7)				
3	2.4	21						
4	B							
2				Thin sandy deposit at 12 feet.				
3	1.3	19						
4	B							
2				SHALE: Gray				
3	1.3	21						
4	B							
39				Becomes brown and gray				
50/4"	-	8						
19								
26	-	9						
50/4.5"								
28								
50/2"	-	9						

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)



SOIL BORING LOG

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Date 9/10/10

ROUTE FAI 57/FAP 331 DESCRIPTION FAI 57 Ramp I over Ramp D LOGGED BY KEG

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

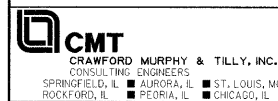
COUNTY Williamson DRILLING METHOD CME 55LC/HSA HAMMER TYPE Automatic

STRUCT. NO. 100-0097
 Station _____
 BORING NO. B-18
 Station 14+99.51
 Offset 20.5 ft Rt
 Ground Surface Elev. 464.10 ft

DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)
461.1				SILTY CLAY: Brown (A-6)				
4				CLAYEY SHALE: Brown (continued) Becomes gray	50/3.5"	-	13	
5	3.8	17	50/2"					
5	P							
3				SANDY CLAY: Brown (A-6) LL-35, PL-16, PI-19	50/3"	-	13	
3	1.9	19	50/0.5"					
5	B			Becomes brown and gray				
2								
3	1.6	22		SANDY CLAY: Brown (A-4)	50/2"	-	15	
4	B							
3				End of Boring	435.5	50/0.5"	-	11
3	0.5	21	50/0.5"					
4	P							
4				CLAYEY SHALE: Brown				
6	3.4	13						
10	B			Becomes grayish brown				
22								
50/3.5"	-	10						
4				SHALE: Gray				
40								
50/4"	-	8						
31				CLAYEY SHALE: Brown				
50/3"	-	13						

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 = ... Ramp BORING LOGS II.dgn
 USER NAME = Rob Heady
 DESIGNED - BPD
 CHECKED - REB
 DRAWN - GLD
 CHECKED - BPD
 PLOT DATE = 10/7/2011

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BORING LOGS II
 STRUCTURE NO. 100-0097

SHEET NO. 23 OF 23 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)HB-1	WILLIAMSON	968	683
* F.A.I. 57 AND F.A.P. 331			CONTRACT NO. 78182	
ILLINOIS FED. AID PROJECT				