



SOIL BORING LOG

ROUTE FAP 785 DESCRIPTION IL 140 over Creek LOGGED BY Larry Ford

SECTION 137-1BR LOCATION SE 1/4, SEC. 9, TWP. 5N, RNG. 5W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO.	BORING NO.	Station	Offset	Ground Surface Elev.	DEPTH (ft)	BULGE (in)	UCS (tsf)	MOISTURE (%)	SOIL DESCRIPTION	DEPTH (ft)	BULGE (in)	UCS (tsf)	MOISTURE (%)
060-2008	#1 W. Side	1368+90	15.00ft LT CL	564.69					Surface Water Elev. 555.2 ft Stream Bed Elev. 553.4 ft				
					20	5.8			Gray Clay LOAM (continued)	20	5.8		
					25	S/5				25	S/5		9
					16					16			
					22	7.3				22	7.3		
					23	S/10				23	S/10		10
					14					14			
					20	5.7				20	5.7		
					29	S/10				29	S/10		9
				558.2									
					0				Gray Silty Clay LOAM with Organics	0			
					2	0.4				2	0.4		
					1	S/10				1	S/10		30
				556.2									
					3				Brown and Gray Clay LOAM	3			
					4	1.8				4	1.8		
					5	S/10				5	S/10		19
					7					7			
					13	5.4				13	5.4		
					21	S/15				21	S/15		10
				533.7									
					3				End of Boring	3			
					4	1.4				4	1.4		
					4	S/10				4	S/10		22
					2					2			
					2	0.9				2	0.9		
					2	S/15				2	S/15		26
				548.2									
					4				Gray Loamy SAND See Gradation @ 17.5 ft	4			
					9					9			14
					15	NC				15	NC		10
						4.3			Gray Clay LOAM		4.3		
						S/5					S/5		
					12					12			

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)



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060-2008	#2 E. End	1368+90	15.00ft RT CL	558.2					Surface Water Elev. 555.2 ft Stream Bed Elev. 553.4 ft				
					15	6.2			Brown and Gray Clay LOAM (continued)	15	6.2		
					28	S/15				28	S/15		9
					10					10			
					17	5.9				17	5.9		
					22	S/15				22	S/15		9
					7					7			
					9	5.7				9	5.7		
					21	S/15				21	S/15		9
				558.2									
					3				Gray Silty Clay LOAM (Fill)	3			
					4	1.7				4	1.7		
					6	S/15				6	S/15		22
					1					1			
					3	1.8				3	1.8		
					5	S/10				5	S/10		23
				554.2									
					3				Brown and Gray Clay LOAM	3			
					3	1.6				3	1.6		
					4	S/10				4	S/10		21
					0					0			
					2				Gray Sandy GRAVEL	2			
					1	NC				1	NC		23
						0.8					0.8		
						S/15					S/15		
					6				Brown and Gray Clay LOAM	6			
					8	3.7				8	3.7		
					13	S/10				13	S/10		11
					10					10			

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BBS, from 137 (Rev. 8-99)

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FILE NAME = 0602047-76390-207-Borings.dgn	DESIGNED - JMT	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS STRUCTURE NO. 060-2047	F.A.P. RTE. 785	SECTION 137-1BR	COUNTY MADISON	TOTAL SHEETS 21	SHEET NO. 20
PLOT SCALE =	CHECKED - SDG	REVISOR -			SHEET NO. 7 OF 7 SHEETS	CONTRACT NO. 76390			
PLOT DATE = 7/7/2011	DRAWN - AJP	REVISOR -			ILLINOIS FED. AID PROJECT				
CHECKED - SDG	REVISOR -								