

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
FAS 1360	65-BR	WOODFORD	39	19 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Contract # 68530



Illinois Department of Transportation  
Division of Highways  
District 5 Materials

SOIL BORING LOG

Page 1 of 2

Date 3/29/05

ROUTE FAS Route 1360 DESCRIPTION IL 251 over Panther Creek LOGGED BY LM

SECTION 65BR LOCATION NW1/4, SEC. 17, TWP. 27N, RNG. 2E, 3rd PM

COUNTY Woodford DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 102-0005  
Station 1116+82.55  
BORING NO. 2  
Station 1117+66.55  
Offset 8.00 ft Lt.  
Ground Surface Elev. 693.80 ft

DEPTH (ft)	DIAMETER (in)	UNIFORMITY COEFFICIENT (tsf)	PERCENT PASSING NO. 20 (SPT)	DESCRIPTION	DEPTH (ft)	DIAMETER (in)	UNIFORMITY COEFFICIENT (tsf)	PERCENT PASSING NO. 20 (SPT)
				Surface Water Elev. 680.60 ft				
				Stream Bed Elev. _____ ft				
				Groundwater Elev.: First Encounter _____ ft				
				Upon Completion 680.8 ft				
				After _____ Hrs. _____ ft				
				Medium Gray Fine Sand/Course Gravel - Loamy (Potential Cobble Size at 23')	12			11.6
					14			
				Washed samples at 27', 32', 37'-49'	9			
					11			12.5
				Rock in shoe at 42' (continued)	11			
				689.30				
				Medium Black and Gray Silty Clay Loam Fill w/rubble at 6.5'	-5	2		32.5
					5	1.0	P	
					2			
					2	1.0	P	27.0
					4			
					-10	1		
					2	0.8	P	33.7
					3			
					1			
					1	0.5	P	41.3
					2			
				679.30				
				Very Soft Gray Silt w/minor Sand and Gravel layers (Alluvial)	-15	woh		
						woh	0.0	46.1
				Sand and Gravel Cave in at 15' AAR	1		P	
				677.80				
				Medium Gray Fine Sand/Course Gravel - Loamy (Potential Cobble Size at 23')	4			15.2
					6			
					10			
				Washed samples at 27', 32', 37'-49'				
				Rock in shoe at 42'	-20	10		

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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				Surface Water Elev. 680.60 ft				
				Stream Bed Elev. _____ ft				
				Groundwater Elev.: First Encounter _____ ft				
				Upon Completion 680.8 ft				
				After _____ Hrs. _____ ft				
				Medium Gray Fine Sand/Course Gravel - Loamy (Potential Cobble Size at 23')	11			11.9
					12			
				Washed samples at 27', 32', 37'-49'	20			
					49			
				Rock in shoe at 42' (continued)	18			
				649.80				
				Hard Gray Sandy Clay Loam Till	-45	12		
					15	8.7	S	9.9
					19			
					25			
					32	8.9	S	8.7
					45			
					-50	13		
					31	7.7	S	9.1
					43			
					16			
					24	7.1	S	8.9
					32			
					-55	12		
					21	10.4	S	9.0
					38			
				637.80				
				End of Boring				
					-60			

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DESIGNED	CTW
CHECKED	CDL
DRAWN	DP
CHECKED	CTW

SOIL BORING LOG (2 OF 2)  
F.A.S. ROUTE 1360 SEC. 65-BR  
IL ROUTE 251 OVER PANTHER CREEK  
WOODFORD COUNTY  
STATION 1116+87.00  
STRUCTURE NO. 102-0081

EFK Moen, LLC  
Civil Engineering Design