

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO. FAS 1360	SECTION 65-BR	COUNTY WOODFORD	SHEET NO. 39	SHEET 31	SHEET NO. 18 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 3/28/05

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. 1
Station 1115+98.55
Offset 10.50 ft Rt.
Ground Surface Elev. 693.74 ft

DEPTH (ft)	BULGE (6")	SHEAR (tsf)	UCS (%)	DESCRIPTION	DEPTH (ft)	BULGE (6")	SHEAR (tsf)	UCS (%)
				Surface Water Elev. 680.60 ft				
				Stream Bed Elev. _____ ft				
				Groundwater Elev.: _____ ft				
				First Encounter _____ ft				
				Upon Completion 680.7 ft				
				After _____ Hrs.				
				672.24				
				Medium Gray Loamy Fine Sand to Medium Gravel (continued)	14			12.4
					13			
				Dense Gray Fine Sand/Coarse Gravel Slightly Loamy w/layers Fine/Coarse Sand	9			10.9
					16			
					20			
				689.24				
				Stiff to Very Stiff Black & Gray Silty Clay to Silty Clay Loam Fill	-5	3		26.2
					3	2.5		
					4	P		
					2			20.5
					4	2.0		
					5	P		
				682.24				
				Very Soft to Medium Black Loam w/layers Fine Gravel and Silty Clay Loam	4			26.1
					3	0.3		
					2	P		
				Sand and Gravel Cave in at 15.5' AAR	-15	1		15.5
					4	1.0		
					5	P		
				677.24				
				Medium Gray Loamy Fine Sand to Medium Gravel	4			15.6
					8			
					8			
					6			
					8			16.9
					9			
					4			
					-20			

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.: _____ ft				
				First Encounter _____ ft				
				Upon Completion 680.7 ft				
				After _____ Hrs.				
				652.24				
				Medium to Stiff Gray Varved Clay Washed at 41.5'-43.5' and 49.5'-51'	7			21.7
					11			
					5			23.5
					4	1.0		
					5	P		
					-45	2		24.7
					3	1.0		
					4	P		
					woh			26.2
					3	1.4		
					4	B		
				642.24				
				Hard Red/Brown Sandy Clay Loam Till	18			8.9
					42	12.4		
					72	S		
					-55	22		9.3
					58	11.4		
					83	S		
				637.74				
				End of Boring				
					-60			

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DESIGNED CTW
CHECKED CDL
DRAWN DP
CHECKED CTW

SOIL BORING LOG (1 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