

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

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Date 11/21/06

ROUTE FAP 697 (IL 9) DESCRIPTION Rt 9 over Drainage Ditch LOGGED BY Larry Myers

SECTION 17 LOCATION NW 1/4, SEC. 14, TWP. 23N, RNG.09E

COUNTY Ford DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 027-2536  
Station 50+55  
BORING NO. #1 NW Quad  
Station 50+33  
Offset 9.00ft Lt  
Ground Surface Elev. 748.03 ft

DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)
				Surface Water Elev. 742.28 ft				
				Stream Bed Elev. _____ ft				
				Groundwater Elev.:				
				First Encounter 737.0 ft				
				Upon Completion 739.0 ft				
				After _____ Hrs.				
727.53				Very stiff, gray, Clay Till	6			
					7	3.5	22.6	
					4	S		
745.53				Stiff, brown, Sandy Clay Loam to Silty Clay Loam- fill	3			
					2	1.5	16.0	
					3	P		
743.03				Stiff, dark gray, Silty Clay to Silty Clay Loam with organics- stream bed deposits	2			
					3	1.5	31.6	
					3	P		
741.03				Medium, gray and brown, Loam to Clay Loam- alluvial deposits	2			
					2	0.8	21.7	
					3	S		
738.03				Loose, brown, loamy, fine to coarse, Sand with some fine to medium, Gravel Free H2O @ 11'	3			
					4		18.1	
					4			
					4		16.2	
733.53				Medium, gray, somewhat loamy, fine Sand to coarse Gravel	10			
					6		14.8	
					8			
					3			
					5	4.0	14.9	
					8	S		
				End of Boring				
					7			
					5		18.4	
					6			

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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ROUTE FAP 697 (IL 9) DESCRIPTION Rt 9 over Drainage Ditch LOGGED BY Larry Myers

SECTION 17 LOCATION NW 1/4, SEC. 14, TWP. 23N, RNG.09E

COUNTY Ford DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 027-2536  
Station 50+55  
BORING NO. #2 SE Quad  
Station 50+79  
Offset 12.00ft Rt  
Ground Surface Elev. 748.03 ft

DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOIST (%)
				Surface Water Elev. 742.28 ft				
				Stream Bed Elev. _____ ft				
				Groundwater Elev.:				
				First Encounter 738.5 ft				
				Upon Completion 739.0 ft				
				After _____ Hrs.				
727.53				Augered, shoulder stone, dark brown, Sand and Gravel, and brown, Silty Clay Loam to Sandy Clay Loam- fill	6			
					7	3.0	20.2	
					8	P		
745.53				Very stiff, brown, Silty Clay Loam to Sandy Clay Loam- fill	5			
					6	3.5	13.3	
					5	P		
723.53				Very stiff, gray, Silty Clay Loam Till with 1' Silt layers @ 28'-29'	2			
					2	2.0	23.0	
					2	P		
740.53				Stiff, gray, Clay Loam to Loam- alluvial deposits	2			
					2	1.8	21.7	
					3	P		
738.53				Loose, brown, loamy, fine, Sand to medium, Gravel Free H2O @ 9.5	1			
					3		17.3	
					4			
					5			
					6		14.8	
					7			
736.03				Medium, gray, loamy, fine, Sand to coarse, Gravel	5			
					5		18.9	
					5			
					6			
					5			
					5		21.4	
731.03				Medium, gray, clean, fine, Sand to coarse, Gravel	6			
					5			
					5			
					5			
				End of Boring				
					5			
					5			

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)

SOIL BORING LOGS  
ILLINOIS ROUTE 9 OVER DRAINAGE DITCH  
F.A.P. ROUTE 697 - SECTION 17(I)  
FORD COUNTY  
STATION 50+55.00  
SN 027-2552  
Scale: None March 2009

DESIGNED - GBC/GMK  
CHECKED - GBC/GMK/SMK  
DRAWN - RR  
CHECKED - GBC/GMK/SMK

SHEET NO. S5	F.A.P. RTE. 697	SECTION 17(I)	COUNTY FORD	TOTAL SHEETS 29	SHEET NO. 21
S5 SHEETS	CONTRACT NO. 66874			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

