

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.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	DEPTH	DESCRIPTION	DEPTH	BLOWS	UCS	MOIST
027-2536	50+55	#1 NW Quad	50+33	9.00ft Lt	748.03	(ft)	(ft)	(/6")	(tsf)	(%)	(%)
							Surface Water Elev. 742.28 ft				
							Stream Bed Elev. _____ ft				
							Groundwater Elev.:				
							First Encounter 737.0 ft				
							Upon Completion 739.0 ft				
							After _____ Hrs. _____ ft				
							Augered, bituminous pavement, dark brown, Sand and Gravel, and brown, Silty Clay Loam to Sandy Clay Loam- fill	727.53	6		
							Very stiff, gray, Clay Till		7	3.5	22.6
								4	S		
							Stiff, brown, Sandy Clay Loam to Silty Clay Loam- fill	745.53	3		
								2	1.5	18.0	
								3	P		
							Stiff, dark gray, Silty Clay to Silty Clay Loam with organics- stream bed deposits	743.03	2		
								3	1.5	31.6	
								3	P		
							Medium, gray and brown, Loam to Clay Loam- alluvial deposits	741.03	2		
								2	0.8	21.7	
								3	S		
							Loose, brown, loamy, fine to coarse, Sand with some fine to medium, Gravel Free H2O @ 11'	738.03	3		
								4		18.1	
								4			
								4		16.2	
								3			
							Medium, gray, somewhat loamy, fine Sand to coarse Gravel	733.53	10		
								6		14.8	
								8			
								3			
								5	4.0	14.9	
								8	S		
							End of Boring	711.53			
								7		18.4	
								5			
								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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COUNTY Ford DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	DEPTH	DESCRIPTION	DEPTH	BLOWS	UCS	MOIST
027-2536	50+55	#2 SE Quad	50+79	12.00ft Rt	748.03	(ft)	(ft)	(/6")	(tsf)	(%)	(%)
							Surface Water Elev. 742.28 ft				
							Stream Bed Elev. _____ ft				
							Groundwater Elev.:				
							First Encounter 738.5 ft				
							Upon Completion 739.0 ft				
							After _____ Hrs. _____ ft				
							Augered, shoulder stone, dark brown, Sand and Gravel, and brown, Silty Clay Loam to Sandy Clay Loam- fill	727.53	6		
							Very stiff, gray, Clay Till		7	3.0	20.2
								8	P		
							Very stiff, brown, Silty Clay Loam to Sandy Clay Loam- fill	745.53	5		
								6	3.5	13.3	
								7	P		
								5			
							Very stiff, gray, Silty Clay Loam Till with 1' Silt layers @ 28'-29'	723.53	2		
								2	2.0	23.0	
								2	P		
								2			
							Stiff, gray, Clay Loam to Loam- alluvial deposits	740.53	2		
								2	1.8	21.7	
								3	P		
							Loose, brown, loamy, fine, Sand to medium, Gravel Free H2O @ 9.5'	738.53	1		
								3		17.3	
								4			
							Medium, gray, loamy, fine, Sand to coarse, Gravel	736.03	5		
								6		14.8	
								7			
								5			
								5		18.9	
								6			
							End of Boring	711.53	5		
								5		16.5	
								4	2.4	16.5	
								5	S		
							Medium, gray, clean, fine, Sand to coarse, Gravel	731.03	6		
								6		21.4	
								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 December 2008

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		



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