



Illinois Department of Transportation
Division of Highways
ILLINOIS

SOIL BORING LOG

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Date 1/11/12

ROUTE TR 107 (Lisbon Center Rd) DESCRIPTION TR 107 (Lisbon Center Rd), 0.085 Miles West of Proposed IL 47 (WC 149A) LOGGED BY Larry Myers

SECTION IL 47-B LOCATION SE 1/4 of NW 14, SEC. 9, TWP. 35N, RNG. 7E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	ft	D	B	U	M	
		P	O	S	I	Stream Bed Elev.	ft	P	O	S	I	
BORING NO.	Station	T	W	S	T	Groundwater Elev.:		T	W	S	T	
		H	S	Qu	T	First Encounter	Dry	H	S	Qu	T	
		Offset		12.00ft Lt.		Upon Completion	Dry					
		Ground Surface Elev.		642.39		After	Hrs.	ft	(ft)	(/ft)	(tsf)	(%)
Augered Black & Brown Silty Clay Loam Fill						Hard Gray Silty Clay Loam Till - Very Monolithic (continued)		4				
								5	5.0		16.3	
								7		S		
	639.89											
Stiff to Very Stiff Black & Brown Silty Clay & Silty Clay Loam Fill								6				
			2					7	5.0		15.5	
			3	1.8	28.2			7		S		
			4	P				7		S		
	637.89											
Very Stiff to Hard Brown Silty Clay Loam Till						Hard Gray Silty Clay Loam Till with Layers of Gray Clay & Gray Silt		9				
			3					12	8.1		16.3	
			4	3.9	20.5			30		S		
			6	B								
						Hard Gray Clay & Silt Interbedded & Layered - Very Dense		10				
			3					15	10.8		15.9	
			5	4.7	14.9			28		S		
			7	S								
			3					15				
			5	5.2	14.3			27	11.3		16.0	
			9	S				39		S		
	630.30					End of Boring						
Hard Gray Silty Clay Loam Till - Very Monolithic												
			3									
			5	4.8	15.2							
			7	S								
			4									
			5	5.0	15.4							
			7	S								
			4									
			5	5.0	15.7							
			7	S								

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)

BSS, form 137 (Rev. 8-99)



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Date 1/11/12

ROUTE TR 107 (Lisbon Center Rd) DESCRIPTION TR 107 (Lisbon Center Rd), 0.085 Miles West of Proposed IL 47 (WC 149A) LOGGED BY Larry Myers

SECTION IL 47-B LOCATION NE 1/4 of SW 14, SEC. 9, TWP. 35N, RNG. 7E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	ft	D	B	U	M	
		P	O	S	I	Stream Bed Elev.	ft	P	O	S	I	
BORING NO.	Station	T	W	S	T	Groundwater Elev.:		T	W	S	T	
		H	S	Qu	T	First Encounter	Dry	H	S	Qu	T	
		Offset		12.00ft Lt.		Upon Completion	Dry					
		Ground Surface Elev.		642.06		After	Hrs.	ft	(ft)	(/ft)	(tsf)	(%)
Augered Black & Brown Silty Clay Loam Fill						Hard Gray Silty Clay Loam Till (continued)		4				
								5	4.3		16.5	
								10		S		
	639.56											
Stiff Black & Brown Silty Clay Loam & Silty Clay Fill								5				
			3					9	5.1		12.1	
			3	1.8	32.4			11		S		
			3	P								
	637.56											
Very Stiff to Hard Brown Silty Clay Loam Till						Hard Gray Clay, Silt & Silty Clay Loam Till Layered & Interbedded		17				
			5					24	10.3		15.2	
			7	2.0	10.1			36		S		
			9	P								
			3					15				
			4	1.5	14.7			23	11.7		14.0	
			4	P				49		S		
			3					16				
			5	3.1	14.3			18	9.8		14.7	
			6	B				31		S		
	630.06					End of Boring						
Hard Gray Silty Clay Loam Till												
			4									
			5	4.1	15.5							
			7	S								
			4									
			5	4.2	15.3							
			9	S								
			5									
			5	4.3	15.1							
			8	S								

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)

BSS, form 137 (Rev. 8-99)

REVISED -	USER NAME =	DESIGNED - PSS
REVISED -	FILE NAME =	CHECKED - VPT
REVISED -	PLOT SCALE =	DRAWN - AUF
REVISED -	PLOT DATE =	CHECKED - VPT



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS
WATER CROSSING 149A

SHEET NO. 3 OF 3 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(109, 110R-1)	KENDALL	619	401
CONTRACT NO. 66B84				
ILLINOIS FED. AID PROJECT				