Illinois Department of Transportation
Division of Highways
ILLINOIS DEPARTMENT OF TRASPORTATION

SOIL BORING LOG

Page 1 of 1

Date 10/5/10

ROUTE IL 23 (FAP 68) DESCRIPTION Intersection of IL 23 & Sycamore Road in Dekalb LOGGED BY Larry Myers

SECTION (28)N, TS & I LOCATION SW 1/4, SEC. 14, TWP. 40N, RNG. 4E

COUNTY Dekalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. 1 (S.W. Quad.)
Station 1240+32
Offset 49.00ft Rt.
Ground Surface Elev. 865.20 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion Dry ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered Bituminous Pavement, White CA6, Oversize Stone, Brown Silty Clay Loam					
	862.70				
Very Stiff Brown Silty Clay Loam Till			3		
			3	2.5	13.2
			3	P	
		-5			
			5		
			4	3.6	12.1
			8	B	
			5		
			5	4.4	11.2
			8	B	
	855.70				
Hard Brown Silty Loam/Loam with Heavy Fine/Medium Gravel Pieces with Minor Sand Layers		-10			
			10		
			16	6.6	8.2
			24	S	
	852.70				
Dense Brown Loamy Fine Sand to Coarse Gravel, Potential Cobble/Boulders			25		
			40		8.0
			100/4"		
*Hit Boulder or Cobble while Driving Split Spoon					
		-15			
			16		
			26		11.7
	848.70		34		
End of Boring					
		-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, from 137 (Rev. 8-99)

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ROUTE IL 23 (FAP 68) DESCRIPTION Intersection of IL 23 & Sycamore Road in Dekalb LOGGED BY Larry Myers

SECTION (28)N, TS & I LOCATION SW 1/4, SEC. 14, TWP. 40N, RNG. 4E

COUNTY Dekalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. 2 (N.E. Quad.)
Station 1239+45
Offset 43.00ft Lt.
Ground Surface Elev. 863.12 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion Dry ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered Black Silty Clay Loam Topsoil, Brown Silty Clay Loam Till					
	860.62				
Hard Brown Silty Clay Loam Till			5		
			7	5.7	10.1
			9	S	
		-5			
			5		
			6	4.2	11.9
			7	B	
			7		
			8	4.4	13.1
			9	B	
		-10			
			5		
			6	4.0	13.1
			7	B	
	851.12				
Very Stiff Grayish Brown Silty Clay Loam Till			4		
			5	3.2	11.0
			6	B	
		-15			
			4		
			5	3.3	10.7
			7	B	
			5		
			6	3.4	11.5
			8	B	
		-20			
Very Stiff Grayish Brown Silty Clay Loam Till *(continued)*			5		
			5	3.5	10.7
	841.62		6	B	
End of Boring					
		-25			
		-30			
		-35			
		-40			

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)

FILE NAME = D366983-SHT-TS-SOILBORING-RT23-SYCAMORE.DGN	USER NAME = --	DESIGNED - DJD	REVISED - ___	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL SOIL BORING PLAN FAP 68 (IL 23)/FOURTH STREET AND SYCAMORE STREET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ARR	REVISED - ___			68	(28)N, TS & I	DEKALB	120	63
	PLOT SCALE = 1" = 20'	CHECKED - DJD	REVISED - ___					CONTRACT NO. 66983		
	PLOT DATE = 01/11	DATE - 01/11	REVISED - ___		SCALE: 1" = 20' SHEET NO. __ OF ___ SHEETS STA. _____ TO STA. _____		ILLINOIS	FED. AID PROJECT		