Illinois Department of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

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Date 1/9/73

ROUTE FA-68 (IL 23) DESCRIPTION IL 23 over a Stream LOGGED BY J. Safranski

SECTION 105BR LOCATION NE 1/4, SEC. 33, TWP. 29N, RNG. 5E

COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 053-2014
Station 536+98.2

BORING NO. 1
Station 536+51
Offset 12.00ft Lt.
Ground Surface Elev. 644.77 ft

Surface Water Elev. 638.57 ft
Stream Bed Elev. ____ ft

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

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Stiff, Brown & Brownish/Black, Clay Till		6		
		6	1.5	28.0
		8	P	
640.27				
Medium, Pale Green & Gray, Organic Clay to Clay Loam	-5	2		
		3	0.5	24.0
		4	B	
637.77				
Stiff, Mottled, Yellowish/Brown, Clay Till		9		
		9	1.9	22.0
		12	B	
635.27				
Hard, Brownish/Gray, Clay Till	-10	12		
		15	5.2	20.0
		19	B	
		12		
		18	7.2	20.0
		23	B	
630.27				
Very Stiff, Gray, Clay (Lacustrine)	-15	11		
		12	3.9	20.0
		15	S	
		11		
		12	3.9	21.0
		13	B	
625.27				
Medium to Stiff, Gray, Silty Clay	-20			

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Medium to Stiff, Gray, Silty Clay (continued)		5		
		7	0.9	23.0
623.27		8	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, form 137 (Rev. 8-99)

LOCATION 3: SN: 053-2014

Illinois Department of Transportation
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SOIL BORING LOG

Page 1 of 1

Date 10/24/11

ROUTE IL 251 (FAP 46) DESCRIPTION IL 251 over Ditch, 2.0 Miles North of IL 71 LOGGED BY Larry Myers

SECTION ____ LOCATION NE 1/4, SEC. 34, TWP. 33N, RNG. 1E

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 050-2523 (Exist.)
Station 349+42

BORING NO. 1 (N.W. Quad.)
Station 349+20
Offset 19.00ft Rt.
Ground Surface Elev. 627.35 ft

Surface Water Elev. ____ ft
Stream Bed Elev. 615.83 ft

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

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered White Shoulder Stone, Brown Silty Clay Loam Fill				
624.85				
Hard & Very Stiff Brown & Gray Silty Clay Loam Till Fill		4		
		4	4.0	17.4
		5	P	
622.85				
Very Stiff to Hard Black & Dark Gray Silty Clay Loam Fill	-5	3		
		3	2.5	25.1
		3	P	
		4		
		4	4.0	21.6
		5	P	
	-10	3		
		4	3.5	21.2
		5	P	
615.35				
Hard Brown Silty Clay Loam Till		7		
		9	10.0	11.1
		15	S	
	-15	9		
		15	11.1	10.7
		21	S	
		10		
		16	11.3	10.5
		20	S	
607.85	-20			

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Hard Reddish Gray Silty Clay Loam Till (continued)		15		
		17	11.9	9.7
		23	S	
		16		
	-25	17		
		18	11.3	9.4
		23	S	
		15		
		18	11.9	9.3
		24	S	
	-30	15		
		16	11.3	9.3
595.85		22	S	
End of Boring				
	-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, form 137 (Rev. 8-99)

LOCATION 4: SN: 050-2523

FILE NAME = c:\pw_work\pwidot\patelyj\d0266589\D366842-sheets.dgn	USER NAME = patelyj	DESIGNED - YOGESH PATEL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - YOGESH PATEL	REVISED -			VAR	VARIOUS	VARIOUS	40	39
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RON WOODSHANK	REVISED -					CONTRACT NO. 66B42		
	PLOT DATE = 12/27/2011	DATE -	REVISED -		SCALE: ____ SHEET NO. 2 OF 3 SHEETS STA. ____ TO STA. ____			ILLINOIS FED. AID PROJECT		