8b6o3

F. A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-2)HBR	LaSALLE	460	121
STA.	TO STA.			
FED. ROAD DIST. NO. 8	ILLINOIS	FED. AID PROJECT		

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 10/19/04

ROUTE FAI-80 DESCRIPTION Sign Truss 3S050H080R076.4 LOGGED BY Larry Myers

SECTION (50-2)HBR & (71X)N & TS-1 LOCATION , SEC., TWP., RNG.

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE automatic

STRUCT. NO. 3S050H080R076.4
Station 643+14

BORING NO. 2
Station 643+14
Offset 90.00ft Rt.
Ground Surface Elev. 632.50 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encountter ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Brown Silty Clay Loam	630.50				
Very Stiff Brown Sandy Clay Loam		2			
			5	2.2	15.0
			8	S	
		-5-	5		
			7	2.0	15.2
			5	P	
Stiff Brown Sandy Clay Loam Till	628.00				
			3		
			5	1.9	14.8
			6	S	
Very Stiff Dark Brown Sandy Clay Loam Till	623.00	-10-	3		
			6	3.3	11.0
			10	S	
			10		
			17		
Hard Gray Silty Clay Loam Till	619.50		16		
		-15-	6		
			11	9.4	12.1
			12	S	
			5		
			7	7.0	12.5
			14	S	
		-20-	5		
Hard Gray Silty Clay Loam Till (continued)			8	6.4	12.4
			14	S	
Hard Gray Silty Loam Till	609.50				
		-25-	8		
			11	4.0	12.7
			15	S	
End of Boring	606.50				
		-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 and/or Number
Latitude and Longitude

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 10/19/04

ROUTE FAI-80 DESCRIPTION Sign Truss 3S050H080R076.4 LOGGED BY Larry Myers

SECTION (50-2)HBR & (71X)N & TS-1 LOCATION , SEC., TWP., RNG.

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE automatic

STRUCT. NO. 3S050H080R076.4
Station 643+14

BORING NO. 3
Station 643+14
Offset 8.00ft Centerline
Ground Surface Elev. 632.50 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encountter ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Brown Sandy Clay Loam (FILL)	630.50				
Stiff Brown Sandy Clay Loam		2			
			3	1.0	20.1
			4	P	
Very Stiff Tan Silty Clay	628.00	-5-	5		
			5	2.5	17.7
			8	P	
Very Stiff Tan Clay Loam Till	626.00				
			4		
			5	3.6	15.1
			6	S	
Very Stiff Brown Sandy Clay Loam Till (Hit boulder at 10' moved 2.5' and redrilled)	623.50	-10-	5		
			8	2.7	14.4
			8	S	
Hard Brown Sandy Clay Loam Till (Turning Grey at 21')	621.00				
			5		
			13	>4.5	11.5
			19	P	
		-15-	6		
			10	8.5	12.0
			15	S	
		-20-	4		
Hard Brown Sandy Clay Loam Till (Turning Grey at 21') (continued)	611.50		8	7.2	11.5
			13	S	
End of Boring					
		-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 and/or Number
Latitude and Longitude

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

DRAWN BY

DATE CHECKED BY

10/29/2004
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