8L4003

F. A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
80	150-2HBR	LaSALLE	460	121
STA.	TO STA.			
FED. ROAD DIST. NO. 6	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 3S050I80R076.4 LOGGED BY Larry Myers

SECTION 150-2HBR & (7)X(N & TS-1 LOCATION , SEC., TWP., RNG.

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE automatic

STRUCT. NO. 3S050I80R076.4
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 Encounter ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Brown Silty Clay Loam			
633.50			
Very Stiff Brown Sandy Clay Loam	2		
	5	2.2	15.0
	8	S	
-5	5		
	7	2.0	15.2
	5	P	
625.00			
Stiff Brown Sandy Clay Loam Till	3		
	5	1.9	14.8
	6	S	
623.00			
Very Stiff Dark Brown Sandy Clay Loam Till	3		
-10	6	3.3	11.0
	10	S	
619.50			
Hard Gray Silty Clay Loam Till	10		
	17		
	16		
-15	6		
	11	9.4	12.1
	12	S	
	5		
	7	7.0	12.5
	14	S	
-20	5		

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Hard Gray Silty Clay Loam Till (continued)	8	6.4	12.4
	14	S	
609.50			
Hard Gray Silty Loam Till			
-25	6		
	11	4.0	12.7
	15	S	
606.50			
End of Boring			
-30			
-35			
-40			

File Name and/or Number
Latitude and Longitude

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)

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 3S050I80R076.4 LOGGED BY Larry Myers

SECTION 150-2HBR & (7)X(N & TS-1 LOCATION , SEC., TWP., RNG.

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE automatic

STRUCT. NO. 3S050I80R076.4
Station 643+14

BORING NO. 3
Station 643+14
Offset 0.00ft Centerline
Ground Surface Elev. 632.50 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

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	
626.00			
Very Stiff Tan Silty Clay	5		
-5	5	2.5	17.7
	6	P	
620.00			
Very Stiff Tan Clay Loam Till	4		
	5	3.8	15.1
	6	S	
623.50			
Very Stiff Brown Sandy Clay Loam Till (Hit boulder at 10' moved 2.5' and redrilled)	5		
-10	8	2.7	14.4
	8	S	
621.00			
Hard Brown Sandy Clay Loam Till (Turning Gray at 21')	5		
	13	>4.5	11.5
	18	P	
-15	6		
	10	8.5	12.0
	15	S	
-20	4		

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Hard Brown Sandy Clay Loam Till (Turning Gray at 21') (continued)	8	7.2	11.5
611.50	13	S	
End of Boring			
-25			
-30			
-35			
-40			

File Name and/or Number
Latitude and Longitude

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)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

DRAWN BY

DATE CHECKED BY

10/29/2004
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