



Illinois Department
of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

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Date 5/10/11

ROUTE 1-80 DESCRIPTION 1-80 West Bound, MP 96.05, Station 785+00 LOGGED BY Larry Myers

SECTION 03 OVD Message SG-2012 LOCATION NE 1/4, SEC. 35, TWP. 34N, RNG. 4E

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 3S05010801096.0
Station 785+00
BORING NO. 1
Station 785+00
Offset 60.0 ft Lt.
Ground Surface Elev. 682.18 ft

DEPTH (ft)	BULGE (in)	SHEAR (lb/ft ²)	PENETROMETER (blows)	MATERIAL	DEPTH (ft)	BULGE (in)	SHEAR (lb/ft ²)	MATERIAL
0				Augered Black Silty Clay Loom with Gravel Fill	0			Hard Gray Silty Clay Loom Till (continued)
4				Stiff Gray & Brown Silty Loom	5			
4		3.0	22		6	6.5	20	
4		P			9	S		
2					6			
2		1.5	28		6	5.4	20	
2		P			7	S		
2				Very Stiff Brown & Gray Silty Clay Loom Till	3			
5		3.1	21		4	4.3	19	
6		S			5	S		
6				Hard Gray Silty Clay Loom Till	3			
9		7.8	18		5	4.6	20	
13		S			6	S		
8		7.8	16		3			
11		S			3	4.1	21	
7		7.6	23		8	S		
9		S						
5								
8		7.1	19					
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)
BBS, form 137 (Rev. 8-99)



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SECTION 03 OVD Message SG-2012 LOCATION NE 1/4, SEC. 35, TWP. 34N, RNG. 4E

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 3S05010801096.0
Station 785+00
BORING NO. 2
Station 785+00
Offset 14.00 ft Lt.
Ground Surface Elev. 683.12 ft

DEPTH (ft)	BULGE (in)	SHEAR (lb/ft ²)	PENETROMETER (blows)	MATERIAL	DEPTH (ft)	BULGE (in)	SHEAR (lb/ft ²)	MATERIAL
0				Augered Brown, Gray & Black Silty Clay Loom Fill	0			Hard Gray Silty Clay Loom Till (continued)
3					6			
3		4.0	17.9		8	6.9	19.8	
3		P			12	S		
2		2.5	29.6		7			
4		P			9	6.5	19.4	
2				Very Stiff to Hard Brown, Gray & Black Silty Clay Loom Fill	14	S		
4					6			
2		2.5	29.6		8	6.5	20.8	
4		P			8	S		
1				Very Stiff Gray & Brown Silty Clay (Loess)	6			
2		1.5	20.7		8	6.9	21.1	
6		P		Stiff Brown & Gray Silty Loom with Leamy Gravels	9	S		
4					10			
6		4.1	17.0		10	7.1	14.4	
6				Hard Gray Silty Clay Loom Till	12	S		
8		7.1	19.0		6			
8					8	7.1	16.6	
10					10	S		
12		8.2	20.5		10	5.4	17.0	
16		S			8	S		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, form 137 (Rev. 8-99)

SOIL BORING LOG I-80 WB, MP 96.05, STATION 785+00

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
28-001-001-001	28-001-001-001	DRAWN	REVISED			VAR	03 OVD MESSAGE SG - 2012	VAR	50	24
PLOT SCALE = 1/4" = 1'		CHECKED	REVISED			SCALE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 66B28
PLOT DATE = 3/8/2012		DATE	REVISED			ILLINOIS				