



**Illinois Department of Transportation**  
Division of Highways  
IDOT

**SOIL BORING LOG**

Page 1 of 2

Date 5/17/12

ROUTE I-80 (FAI 80) DESCRIPTION Lisbon Road over I-80, 0.7 miles West of IL 47 LOGGED BY Larry Myers

SECTION (32-2)HBR-6 LOCATION NW 14, SEC. 33, TWP. 34N, RNG. 7E

Latitude 41.382333, Longitude -88.432629

COUNTY Grundy DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 032-0041 (Exist.)  
Station 14+45.40  
BORING NO. 2 (S. Abut.)  
Station 16+15  
Offset 14.0 ft Rt.  
Ground Surface Elev. 566.97

DEPTH (ft)	SOIL DESCRIPTION	DEPTH (ft)	BLOWS	UCS (%)	DEPTH (ft)	BLOWS	UCS (%)
11	Very Stiff to Hard Gray & Brown Silty Clay & some Silty Clay Loam Till Fill - All Fill (continued)	11	6.1	18	11	6.1	18
18		18	23	S	18	23	S
23		23	4		23	4	
4		4	5	4.0	4	5	22
5		5	7	B	5	7	B
542.97		542.97			542.97		
	Hard Brown & Gray Silty Clay Loam Till						
-5		-5	5		-5	5	
3		3	4	3.5	3	4	21
4		4	5	P	4	5	P
5		5			5		
			2			2	
4		4	4	4.1	4	4	25
5		5	5	S	5	5	S
-10		-10	2		-10	2	
4		4	4	4.3	4	4	26
6		6	6	S	6	6	S
535.47		535.47			535.47		
	Hard Gray Blocky Silt with Minor Silty Clay Layers						
2		2	3	3.7	2	3	25
3		3	5	S	3	5	S
5		5			5		
-15		-15	3	3.1	-15	3	21
2		2	2	B	2	2	B
3		3			3		
4		4	4	4.0	4	4	25
5		5	5	B	5	5	B
526.97		526.97			526.97		

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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DEPTH (ft)	SOIL DESCRIPTION	DEPTH (ft)	BLOWS	UCS (%)	DEPTH (ft)	BLOWS	UCS (%)
14	Dense to Very Dense Gray Fine Sand to Coarse Gravel with Free Water & Sandy Loam/Sandy Clay Loam Layers	14	8		14	8	
18		18	21		18	21	
21		21			21		
21		21			21		
33		33			33		
-45		-45			-45		
18		18			18		
28		28			28		
41		41			41		
16		16			16		
22		22			22		
31		31			31		
517.97		517.97			517.97		
	Dense Gray Micaceous Shale						
516.80		516.80			516.80		
1002'		1002'			1002'		
	End of Boring						
-55		-55			-55		
-60		-60			-60		

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BBS, form 137 (Rev. 8-99)

DESIGNED -  
CHECKED -  
DRAWN -  
CHECKED -

EXAMINED  
PASSED  
ACTING ENGINEER OF BRIDGE DESIGN  
ACTING ENGINEER OF BRIDGES AND STRUCTURES

DATE - OCTOBER 9, 2014  
REVISED  
REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SOIL BORING LOGS  
STRUCTURE NO. 032-0124**  
SHEET NO. 24 OF 24 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5966	(32-2) HBR-6	GRUNDY	98	71
CONTRACT NO. 66B27				
ILLINOIS FED. AID PROJECT				