



Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG

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Date 5/29/13

ROUTE FA157 (I-57/B-70) DESCRIPTION Temporary Shoring System at US-46 Bridge LOGGED BY E. Spodzischer

SECTION _____ LOCATION NW, SEC. 16, TWP. 28N, R9E, 3 PM

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 1404

STRUCT. NO. N/A Station _____
BORING NO. TSS 2013-2 (NE)
Station 2290.75
Offset 19.00 ft
Ground Surface Elev. 629.38 ft (ft) (ft) (%)

DEPTH (ft)	DIAMETER (in)	SOIL DESCRIPTION	SPT (blows)	WATER CONTENT (%)		LIQUID LIMIT (%)		PLASTICITY INDEX	
				W	L	LL	PL	PI	U
0	4	3" topsoil							
0.5	4	Still, damp, brown, CLAY LOAM.	4						
1.0	4		1.50						
1.5	4		4						
2.0	4								
2.5	4		1.24						
3.0	4								
3.5	4		1.75						
4.0	4								
4.5	4		2.27						
5.0	4								
5.5	4								
6.0	4								
6.5	4								
7.0	4								
7.5	4								
8.0	4								
8.5	4								
9.0	4								
9.5	4								
10.0	4								
10.5	4								
11.0	4								
11.5	4								
12.0	4								
12.5	4								
13.0	4								
13.5	4								
14.0	4								
14.5	4								
15.0	4								
15.5	4								
16.0	4								
16.5	4								
17.0	4								
17.5	4								
18.0	4								
18.5	4								
19.0	4								
19.5	4								
20.0	4								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Gulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H - Sampler Advanced by Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating
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)



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Date 5/24/07

ROUTE FA15770 DESCRIPTION I-57A-70 Three Lanes - Lane Borings LOGGED BY E. Sandzischer

SECTION _____ LOCATION SEC. TWP. R9E, 3 PM

COUNTY Effingham DRILLING METHOD Hydraulic Pushed HAMMER TYPE Auto 1404

STRUCT. NO. N/A Station _____
BORING NO. 025-ITD98-157SB
Station 2305.00
Offset _____
Ground Surface Elev. 619.23 ft (ft) (ft) (%)

DEPTH (ft)	DIAMETER (in)	SOIL DESCRIPTION	SPT (blows)	WATER CONTENT (%)		LIQUID LIMIT (%)		PLASTICITY INDEX	
				W	L	LL	PL	PI	U
0	4	5" 375 asphalt on 1" concrete pavement							
0.5	4	6" Gravel subbase							
1.0	4	Still, damp, red marled gray, CLAY.	1.7						
1.5	4								
2.0	4		2.4						
2.5	4								
3.0	4								
3.5	4								
4.0	4								
4.5	4								
5.0	4								
5.5	4								
6.0	4								
6.5	4								
7.0	4								
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11.5	4								
12.0	4								
12.5	4								
13.0	4								
13.5	4								
14.0	4								
14.5	4								
15.0	4								
15.5	4								
16.0	4								
16.5	4								
17.0	4								
17.5	4								
18.0	4								
18.5	4								
19.0	4								
19.5	4								
20.0	4								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Gulge, 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)

S:\Proj\602\01\0002_57-70\GIS\SSB\SSB_Temp_Shoring_025-01\and 012_Temporary_025-01\01\SSB\SSB_Temp_Shoring_Plane.dwg