Illinois Department of Transportation
Division of Highways
IDOT - Dist 5

SOIL BORING LOG

Page 1 of 1

Date 2/1/05

ROUTE I-74 DESCRIPTION Overhead Sign Trusses I-74EB & WB LOGGED BY CNA

SECTION LOCATION SE. SEC. 34, TWP. 20N, RNG. 8E, 3rd PM

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 3 5S010I057R239.96
Station 522+05
Offset 25.0 ft Lt.
Ground Surface Elev. 769.1 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Clay Loam Till to Silty Clay Loam Till	769.1				
(Soil boring for overhead sign truss on I-57NB at offramp to I-74EB)			1		
			4	2.9	15
		-5	4	B	
			2		
			3	2.3	18
			3	B	
			3		
			3	3.1	14
		-10	4	B	
			3		
	757.1		5	3.3	13
Gray Clay Loam Till			9	S	
			3		
			6	3.5	12
		-15	5	S	
			1		
			3	1.7	12
			5	B	
			1		
			3	1.6	12
		-20	5	B	
Gray Clay Loam Till *(continued)*			2		
			3	1.6	12
	744.1	-25	4	B	
End of Boring					
		-30			
		-35			
		-40			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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. 8-95

2/16/2005 8:46:44 AM S:\SOIL\BORING LOGS\CHAMPAIGN CNTY\I-74&I-57 INT SIGN TRUSS.GPJ

Illinois Department of Transportation
Division of Highways
IDOT - Dist 5

SOIL BORING LOG

Page 1 of 1

Date 2/4/05

ROUTE I-74 DESCRIPTION Overhead Sign Trusses I-74EB at IL Rt. 1 Exit LOGGED BY CNA

SECTION LOCATION SW. SEC. 17, TWP. 19N, RNG. 10W, 2nd PM

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 1 5S092I074R214.00
Station 13+09
Offset 37.0 ft Rt.
Ground Surface Elev. 623.1 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
(Pavement)	622.1				
Pink Sandy Clay Loam Till					
(Note: Soil boring for overhead sign truss in I-74EB just west of offramp to IL Rt. 1)			17		
	618.6		18		
Gray Silty Shale (Bedrock)		-5	22		
			12		
			16	10.0	13
			12	S	
			4		
			8	7.0	14
		-10	12	S	
			8		
			14	6.3	12
			24	S	
			8		
			19		10
	608.1	-15	29		
End of Boring					
		-20			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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. 8-95

2/16/2005 8:52:34 AM S:\SOIL\BORING LOGS\VERMILION CNTY\I-74&RT. 1 OVERHEAD TRUSS.GPJ