



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 9/4/11

ROUTE FAI Rt. 74 (East Bound) DESCRIPTION Mast Arm at Off Ramp to EB Farmer City Rest Area LOGGED BY RRW
SECTION Sign Structure LOCATION SE, SEC. 18, TWP. 21N, RNG. 5E, 3rd PM GPS:
COUNTY DeWitt DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 5 C 020 1074
Station R155.62
Rt. 660+00
BORING NO. 1 Sign Truss
Station 660+08
Offset 4.0 ft N of Exist.
Ground Surface Elev. 749.1 ft (ft) (/6") (tsf) (%)

Soil Description	Elev. (ft)	D (ft)	B (/6")	U (tsf)	M (%)	Soil Description	Elev. (ft)	D (ft)	B (/6")	U (tsf)	M (%)
Brown Sandy Clay Loam (Embankment)	749.1					Gray Sandy Clay Loam Till (continued)					
	746.1										
Black Silty Clay Loam (Topsoil)			5					7			
	744.1		6	2.9	23	(Soil Boring taken 4' North and 8' East of existing foundation)	724.1	11	7.4	11	
Brown/Gray Silty Clay			7	B		End of Boring		15	B		
	741.1		2								
			2	1.0	21						
Brown Silty Clay			3	B							
			1								
			1	0.6	27						
			2	B							
			0								
			2	1.6	27						
			4	B							
			1								
			2	1.6	24						
Gray Sandy Clay Loom Till	734.1		4	B							
			2								
			4	1.6	18						
			4	B							
			2								
			6	4.7	9						
			8	B							

9/16/2011 10:03:28 AM S:\SOILS\2011 SOIL WORKS\MAST ARM SOIL BORINGS\5_C_020_1074_R155_62.GPJ

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-Penetrator)
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)

•VARIOUS COUNTIES
••D-5 OVD SIN STR REPL 2012-06

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\ceerlockjd\0266557\0	46179-sht-biog.dgn	DRAWN -	REVISED -			•	••	Various	178	57	
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 46179					
PLOT DATE = 10/7/2011		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					