



Illinois Department  
of Transportation  
Division of Highways  
Illinois Department of Transportation

# SOIL BORING LOG

Page 1 of 1

Date 8/30/11

ROUTE FAI Rt. 74 DESCRIPTION HTCMB at High Cross Rd. LOGGED BY RRW

SECTION \_\_\_\_\_ LOCATION SW, SEC. 11, TWP. 19N, RNG. 9E, 3rd PM GPS: \_\_\_\_\_

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 010-0175 D E P T H S O I L S M O I S T U R E  
Station \_\_\_\_\_  
BORING NO. 1 HTCMB W S Qu T  
Station 431+40  
Offset 10.0 ft Rt.  
Ground Surface Elev. 99.5 ft (ft) (/6") (tsf) (%)

Soil Description	Depth (ft)	Penetration (6")	Blow Count (tsf)	Moisture (%)	Notes
Brown Sandy Clay Loam	3				
	4		1.4	16	
Brown Silty Loam	6		B		
	3				
	4			18	
	3				
Brown Silty Clay Loam Till with Trace of Free Water	4			18	
	3				
	4			18	
(Elevation Based off an assumed BM of 100.0' at the CL of the EBDL at station 431+40)	5				
End of Boring	89.5	-10			

8/31/2011 10:54:30 AM S:\SOILS\2011 SOIL WORKS\SOIL BORINGS\FAI\_74\_HTCMB\_ST\_JOE\_TO\_URBANA.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-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)



Illinois Department  
of Transportation  
Division of Highways  
Illinois Department of Transportation

# SOIL BORING LOG

Page 1 of 1

Date 8/30/11

ROUTE FAI Rt. 74 DESCRIPTION HTCMB at Cross Over - 0.5 Miles East of High Cross Rd. LOGGED BY RRW

SECTION \_\_\_\_\_ LOCATION SW, SEC. 11, TWP. 19N, RNG. 9E, 3rd PM GPS: \_\_\_\_\_

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. \_\_\_\_\_ D E P T H S O I L S M O I S T U R E  
Station \_\_\_\_\_  
BORING NO. 2 HTCMB W S Qu T  
Station 455+30  
Offset 5.0 ft Rt.  
Ground Surface Elev. 99.2 ft (ft) (/6") (tsf) (%)

Soil Description	Depth (ft)	Penetration (6")	Blow Count (tsf)	Moisture (%)	Notes
Dark Brown Silty Clay Loam with Gravel	4				
	9			16	
Brown Sandy Clay Loam Till	6				
	3				
	3		1.0	17	
	5		B		
	3				
	4		2.5	13	
	5		B		
(Elevation Based off an assumed BM of 100.0' at the CL of the EBDL at station 455+30)	5			13	
End of Boring	89.2	-10			

8/31/2011 10:54:31 AM S:\SOILS\2011 SOIL WORKS\SOIL BORINGS\FAI\_74\_HTCMB\_ST\_JOE\_TO\_URBANA.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-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)

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SOIL BORING</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN -	REVISED -			74	HSIP FY2012-1	CHAMPAIGN	160	36	
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -			CONTRACT NO. 70956					
	PLOT DATE = #DATE#	DATE -	REVISED -			SCALE:	SHEET NO. 1 OF 7 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	