



Illinois Department  
of Transportation  
Division of Highways  
IDOT

# SOIL BORING LOG

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Date 3/16/11

ROUTE FAI Rt. 74 DESCRIPTION HTCMB from just West of Bloomington to Carlock LOGGED BY CNA

SECTION FY 11 HSIP-5 LOCATION NE, SEC. 9, TWP. 24N, RNG. 1E, 3rd PM GPS:

COUNTY McLean DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	HTCMB	D	B	U	M	Surface Water Elev.	ft
Station		E	L	C	O	Stream Bed Elev.	ft
BORING NO.	11 Sign Truss	T	W	S	S	Groundwater Elev.:	
Station	1695+05	H	S	Qu	T	First Encounter	ft
Offset	26.0 ft Rt. of WBCL						
Ground Surface Elev.	99.5 ft	(ft)	(6")	(taf)	(%)	Upon Completion	Dry ft
After Hra. ft							
Brown Clay Loam (Embankment)							
			5				
			5	2.5	10		
			5	E			
	95.5		5				
Black Silty Clay							
			7	4.0	22		
			9	B			
			2				
	92.5		3	0.7	26		
Brown to BrownGray Mottled Silt to Silty Clay							
			4	B			
			2				
			1	0.5	26		
	89.5		2	B			
(Elevation based off assumed BM of 100.0' at CL of WB Lane at Station 1695+05)							
End of Boring							
			-15				
			-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 187 (Rev. 8-99)



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Date 3/16/11

ROUTE FAI Rt. 74 DESCRIPTION HTCMB from just West of Bloomington to Carlock LOGGED BY CNA

SECTION FY 11 HSIP-5 LOCATION SW, SEC. 4, TWP. 24N, RNG. 1E, 3rd PM GPS:

COUNTY McLean DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	HTCMB	D	B	U	M	Surface Water Elev.	ft
Station		E	L	C	O	Stream Bed Elev.	ft
BORING NO.	12 Turn Around	T	W	S	S	Groundwater Elev.:	
Station	1631+84	H	S	Qu	T	First Encounter	92.8 ft ▼
Offset	38.0 ft Rt. of WBCL						
Ground Surface Elev.	98.8 ft	(ft)	(6")	(taf)	(%)	Upon Completion	Dry ft
After Hra. ft							
Brown Sandy Clay Loam (Embankment)							
	96.8		5				
Black to GrayBlack Silty Clay Loam							
			6	4.0	23		
			7	B			
			-5				
	92.8 ▼		3				
Brown Mottled Silt with Trace of Free Water							
			4		25		
			3				
			2				
			2		26		
	88.8		3				
(Elevation based off assumed BM of 100.0' at CL of WB Lane at Station 1631+84)							
End of Boring							
			-15				
			-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 187 (Rev. 8-99)

FILE NAME =	USER NAME = keysrb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SOIL BORING LOGS</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\pwwdot\keysrb\d0261049\N0570927	7-shr-soilborings.dgn	DRAWN -	REVISED -						74	FY11 HSIP-5	McLean	101	39
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -						CONTRACT NO. 70927				
	PLOT DATE = 3/25/2011	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				