Illinois Department of Transportation
Division of Highways
Illinois Department of Transformation

SOIL BORING LOG

Page 1 of 1

Date 1/25/89

ROUTE FAI Rt. 74 DESCRIPTION HTCMB at Lynch Rd. LOGGED BY TGB

SECTION HTCMB LOCATION NW, SEC. 18, TWP. 19N, RNG. 10W, 2nd PM GPS:

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Manual

STRUCT. NO.
Station

BORING NO. 25 HTCMB
Station 2214+12
Offset 0.0 ft CL
Ground Surface Elev. 653.7 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 (%)
Gray Brown Mottled Silty Clay					
		-5	7	1.6 B	28
	647.7				
Brown Gray Silt Loam			4	1.0 B	26
		-10	2	0.5 B	24
	642.7				
Brown Sandy Clay Loam			5	1.6 B	15
		-15	10	2.0 E	
	637.7				
Brown Gray Mottled Sandy Clay Loam Till			30	4.5 S	11
	635.2				
Gray Sandy Clay Loam Till (Note: "N" Values/Blows shown are per 12 inches)			40	4.8 S	
	633.7	-20			
End of Boring					

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)

10/18/2011 11:42:30 AM S:\SOILS\2011 SOIL WORKS\SOIL BORINGS\HTCMB I-74 70968\HTCMB_70968.GPJ

Illinois Department of Transportation
Division of Highways
Illinois Department of Transformation

SOIL BORING LOG

Page 1 of 1

Date 10/17/11

ROUTE FAI Rt. 74 DESCRIPTION HTCMB just West of the Indiana State Line near Cross Over LOGGED BY RRW

SECTION HTCMB LOCATION NE, SEC. 18, TWP. 19N, RNG. 10W, 2nd PM GPS:

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 26 HTCMB
Station 2231+25
Offset 6.0 ft Rt. of Med. CL
Ground Surface Elev. 651.6 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 (%)
Black Silty Clay Loam (Topsoil)	650.6				
Brown to Gray Mottled Silty Clay to Silt			2		
			3	1.6	28
			4	B	
			2		
			2	1.6	22
		-5	3	B	
			1		
			2		23
			2		
			1		
			3		19
	641.6	-10	2		
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 137 (Rev. 8-99)

10/18/2011 11:42:31 AM S:\SOILS\2011 SOIL WORKS\SOIL BORINGS\HTCMB I-74 70968\HTCMB_70968.GPJ

INFRASTRUCTURE ENGINEERING Incorporated
33 West Monroe | Suite 1540 | Chicago, IL 60603
P 312.425.0000 | F 312.425.0001 | www.infrastructure-eng.com

FILE NAME = P:\P-11\2418 - IDOT D5 DUR\WO 2 & 3\DGN\Sheets\0570968-sht085-blog13.dgn

USER NAME = jcrocker	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 7/31/2012	DATE - 08/02/2012	REVISED -	

SOIL BORING LOGS

SCALE: SHEET 13 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-3	VERMILION	232	71

CONTRACT NO. 70968

ILLINOIS FED. AID PROJECT