Illinois Department of Transportation
Division of Highways
Illinois Department of Transformation

SOIL BORING LOG

Page 1 of 1

Date 10/20/88

ROUTE FAI Rt. 74 DESCRIPTION HTCMB – Vermilion River Bridge LOGGED BY TGB

SECTION HTCMB LOCATION NW, SEC. 16, TWP. 19N, RNG. 11W, 2nd PM GPS:

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Manual

STRUCT. NO. 092-0014/0015
Station

BORING NO. 13 HTCMB
Station 1989+37
Offset 7.0 ft Rt.
Ground Surface Elev. 575.8 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 (%)
Mixed Brown Clay Loam (Embankment)					
			4	0.8 S	11
		-5			
(Note: "N" Values/Blows shown are per 12 inches)					
			7	3.1 B	1
	567.3				
Mixed Brown/Gray Mottled Clay Loam (Embankment)			6	2.0 S	18
	565.8	-10			
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)

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Illinois Department of Transportation
Division of Highways
Illinois Department of Transformation

SOIL BORING LOG

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Date 9/10/10

ROUTE FAI Rt. 74 DESCRIPTION HTCMB – Mast Arm on I-74EB West of Bowman Ave. LOGGED BY CNA

SECTION HTCMB LOCATION NW, SEC. 16, TWP. 19N, RNG. 11W, 2nd PM GPS:

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 5 C 092 I074 R215.65
Station 1996+40

BORING NO. 14 HTCMB
Station 1996+40
Offset 36.0 ft Rt. of EBCL
Ground Surface Elev. 569.6 ft

Surface Water Elev. ____ ft
Stream Bed Elev. ____ ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Asphalt Shoulder	568.6				
Gray/Brown Sandy Clay Loam with Gravel (Embankment)			4		
			4		10
	564.6	-5	6		
Brown Sand Loam to Loam (Embankment)			6		
			7		10
			10		
			7		
			6		12
		-10	5		
			4		
(Trace of Free Water)			3		8
			7		
			2		
			7		
(No Sample Obtained)		-15	5		
	554.1				
Brown to Gray Sandy Clay Loam (Embankment)			10		
			9	2.5	13
			13	B	
			5		
			11	3.5	9
		-20	15	S	
Brown to Gray Sandy Clay Loam (Embankment) (continued)					
			11		
			21		9
	544.6	-25	14		
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. 8-99)

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INFRASTRUCTURE ENGINEERING INCORPORATED
33 West Monroe | Suite 1540 | Chicago, IL 60603
P 312.425.0000 | F 312.425.0001 | www.infrastructureeng.com

FILE NAME = P:\P-11\2418 - IDOT D5 DUR\WO 2 & 3\DGN\Sheets\D570968-sht079-blog7.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 7 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-3	VERMILION	232	65
		CONTRACT NO. 70968		
		ILLINOIS FED. AID PROJECT		