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 at Brewer Rd. LOGGED BY RRW

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

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 092-0151
Station 2140+25.83

BORING NO. 21 HTCMB
Station 2140+43
Offset 6.0 ft Rt. of Med. CL
Ground Surface Elev. 642.5 ft

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

Groundwater Elev.:
First Encounter 636.5 ft ▼
Upon Completion 636.5 ft ▽
After ____ Hrs. ____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Sandy Clay Loam	641.5				
Gray Sandy Clay Loam Till			31		
			9	4.9	17
			9	B	
	638.5		6		
Gray Silty Clay Loam			7		17
		-5	7		
	636.5 ▼				
Black Coarse Sand with Intermittent Gray Sandy Clay Loam Till			14		
			10		
			9		
	634.5				
Gray Sandy Clay Loam Till			6		
			6	5.4	9
	632.5	-10	10	B	
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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SOIL BORING LOG

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Date 10/17/11

ROUTE FAI Rt. 74 DESCRIPTION HTCMB at RR Structure 092-0022 LOGGED BY RRW

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

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 092-0022
Station 2153+34.48

BORING NO. 22 HTCMB
Station 2153+46
Offset 10.0 ft Rt. of Med. CL
Ground Surface Elev. 644.8 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 (%)
Brown Sandy Clay Loam	643.8				
Gray Sandy Clay Loam Till			9		
			10	9.1	10
			11	B	
			6		
			8	7.2	10
		-5	12	B	
			10		
			16	9.5	7
			18	B	
			10		
			13	8.0	8
	634.8	-10	21	B	
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)

INFRASTRUCTURE ENGINEERING Incorporated
33 West Monroe | Suite 1540 | Chicago, IL 60603
P 312.425.0060 | F 312.425.0061 | www.infrastructure-eng.com

10/18/2011 11:42:28 AM S:\SOILS\2011 SOIL WORKS\SOIL BORINGS\HTCMB I-74 70968\HTCMB_70968.GPJ

10/18/2011 11:42:28 AM S:\SOILS\2011 SOIL WORKS\SOIL BORINGS\HTCMB I-74 70968\HTCMB_70968.GPJ

FILE NAME = P:\P-11\2418 - IDOT D5 DUR\WO 2 & 3\DGN\Sheets\D570968-sht083-blog11.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 11 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-3	VERMILION	232	69

CONTRACT NO. 70968

ILLINOIS FED. AID PROJECT