Illinois Department of Transportation
Division of Highways
Illinois Department of Transformation

SOIL BORING LOG

Page 1 of 1

Date 7/17/06

ROUTE FAI Rt. 74 DESCRIPTION HTCMB at Mast Arm LOGGED BY RRW

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

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 17 HTCMB
Station 2020+75
Offset 3.0 ft RT of WB EOP
Ground Surface Elev. 582.3 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 573.3 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Coarse Sand to Brown Sandy Gravel			4		
			8		
			11		
			4		
			14		
	577.3	-5	12		
Brown Fine Sand			2		
			1		
			1		
	574.3				
Brown Sandy Clay Loam Till			6		
		▼	16		7
		-10	26		
			6		
			10	3.9	10
			14	S	
			6		
			16		9
	567.3	-15	36		
End of Boring		-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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Date 7/17/06

ROUTE FAI Rt. 74 DESCRIPTION HTCMB East of Bowman Ave. LOGGED BY RRW

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

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 18 HTCMB
Station 2030+75
Offset 5.0 ft RT of WB EOP
Ground Surface Elev. 580.9 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 571.9 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Coarse Sand to Brown Sandy Gravel			4		
			6		
			6		
			3		
			5		
		-5	4		
			4		
			5		
			8		
		▼	4		
			11		
	570.9	-10	13		
Brown Sandy Clay Loam Till			2		
			6		22
			11		
			6		
			13		9
	565.9	-15	13		
End of Boring		-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 11:42:25 AM S:\SOILS\2011 SOIL WORKS\SOIL BORINGS\HTCMB I-74 70968\HTCMB_70968.GPJ

10/18/2011 11:42:26 AM S:\SOILS\2011 SOIL WORKS\SOIL BORINGS\HTCMB I-74 70968\HTCMB_70968.GPJ

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33 West Monroe | Suite 1540 | Chicago, IL 60603
P 312.425.0900 | F 312.425.0901 | www.infrastructureeng.com

FILE NAME = P:\P-11\2418 - IDOT D5 DUR\WO 2 & 3\DGN\Sheets\0570968-sht081-blog2.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 9 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-3	VERMILION	232	67
		CONTRACT NO. 70968		
		ILLINOIS FED. AID PROJECT		