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 Perrysville Rd. 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. 15 HTCMB
Station 2002+25
Offset 7.0 ft RT of WB EOP
Ground Surface Elev. 565.7 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 559.7 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Sandy Clay Loam Till			3		
			6		11
			8		
	562.7				
Brown Coarse Sand			2		
			1		
		-5	3		
	560.2				
Grey Sandy Clay Loam Till ▼			1		
			2		
			5		
	557.2				
Grey Shale (Bedrock - Auger Refusal)	556.7		50-4"		
End of Boring		-10			
		-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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Date 7/17/06

ROUTE FAI Rt. 74 DESCRIPTION HTCMB at 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. 16 HTCMB
Station 2009+50
Offset 11.0 ft RT of WB EOP
Ground Surface Elev. 571.1 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 561.1 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Sandy Clay Loam Till to Grey Sandy Clay Loam Till			4		
			22	8.0	
			26		
	568.1				
Brown Sandy Clay Loam Till with Intermittent Layers of Brown Sand			4		
			10		9
	566.1	-5	12		
Grey Sandy Clay Loam Till			2		
			5	2.3	10
			10	B	
	562.6				
Brown Sandy Clay Loam Till			4		
			22	8.7	
		▼-10	30		
	560.1				
Brown Fine Sand			5		
			10		
			20		
			4		
			9		
	556.1	-15	11		
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 11:42:23 AM S:\SOILS\2011 SOIL WORKS\SOIL BORINGS\HTCMB I-74 70968\HTCMB_70968.GPJ

10/18/2011 11:42:24 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 312.425.0900 | F 312.425.0901 | www.infrastructureeng.com

FILE NAME = P:\P-11\2418 - IDOT D5 DUR\WO 2 & 3\DGN\Sheets\0570968-sht088-blog8.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 8 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-3	VERMILION	232	66
		CONTRACT NO. 70968		
		ILLINOIS FED. AID PROJECT		