Illinois Department of Transportation
Division of Highways
Illinois Department of Transformation

SOIL BORING LOG

Page 1 of 1

Date 10/14/11

ROUTE FAI Rt. 74 DESCRIPTION HTCMB just East of Salt Fork Vermilion River LOGGED BY CNA

SECTION HTCMB LOCATION NW, SEC. 14, TWP. 19N, RNG. 12W, 2nd PM GPS:

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 1 HTCMB
Station 1759+75
Offset 12.0 ft Rt. of Med. CL
Ground Surface Elev. 587.6 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown/Gray Mixed Clay Loam (Embankment)				
		6		
		3 5	2.9 B	15
		2		
		2 3	1.0 E	13
	-5			
		1		
		2 5	1.5 B	21
		1		
		2 3	1.0 E	19
577.6	-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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SOIL BORING LOG

Page 1 of 1

Date 10/14/11

ROUTE FAI Rt. 74 DESCRIPTION HTCMB at Cross Over just East of the Salt Fork Vermilion River LOGGED BY CNA

SECTION HTCMB LOCATION NW, SEC. 14, TWP. 19N, RNG. 12W, 2nd PM GPS:

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 2 HTCMB
Station 1773+50
Offset 10.0 ft Rt. of Med. CL
Ground Surface Elev. 600.4 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown/Black Silty Clay Loam				
599.4				
Gray to Green/Gray Micaceous Shale (Bedrock)		6		
		11 15		14
		25		
		38 35		11
	-5			
		46		
		50-4"		7
590.4	-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)

10/18/2011 11:42:14 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-sht073-biogl.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 1 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-3	VERMILION	232	59

CONTRACT NO. 70968

ILLINOIS FED. AID PROJECT