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 Cross Over East of RR Structure 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.
Station

BORING NO. 23 HTCMB
Station 2171+92
Offset 8.0 ft Rt. of Med. CL
Ground Surface Elev. 668.0 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 (%)
Black Silty Clay Loam (Topsoil)	667.0				
Brown/Gray Mottled Silty Clay Loam	665.0		5 8 8	3.7 B	15
Brown Silty Clay Loam	663.0	-5	6 4 7	2.1 B	25
Gray Silty Clay	661.0		3 3 4	2.1 B	26
Brown/Gray Mottled Silty Clay	658.0	-10	1 2 1	0.8 B	27
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

Page 1 of 1

Date 1/25/89

ROUTE FAI Rt. 74 DESCRIPTION HTCMB - Seaboard RR System (Abandoned) LOGGED BY TGB

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

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Manual

STRUCT. NO.
Station

BORING NO. 24 HTCMB
Station 2203+27
Offset 56.0 ft Rt.
Ground Surface Elev. 672.3 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 Black & Brown Silty Clay	666.8	-5	10	1.0 B	
Brown Gray Mottled Silty Clay	663.8		6	1.2 B	37
Brown Mottled Silty Loam	661.3	-10	6	1.2 B	24
Brown Gray Mottled Silty Clay Loam Till			6	1.0 B	15
(Note: "N" Values/Blows shown are per 12 inches)	657.3	-15	9	1.2 B	
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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FILE NAME = P:\P-11\2418 - IDOT D5 DUR\WO 2 & 3\DGN\Sheets\D570968-sht084-blog12.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 12 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	MEDIAN CABLE 2012-3	VERMILION	232	70

CONTRACT NO. 70968

ILLINOIS FED. AID PROJECT