

Illinois Department of Transportation
Division of Highways
1007 - Dist 5

SOIL BORING LOG

Page 1 of 1
Date 1/13/03

ROUTE FAP 749 (IL 133) DESCRIPTION Little Embarras River on IL 133 LOGGED BY CNA

SECTION (122BR)BR LOCATION NE, SEC. 20, TWP. 14N, RNG. 14W, 3rd PM

COUNTY Coles DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 015-0031 Station 933+50

BORING NO. 3 Pier Station 933+90 Offset 19.0 ft Rt. Ground Surface Elev. 622.20 ft

DEPTH ft	BLOW COUNT	UCS tsf	MOIST %T	Surface Water Elev.		Stream Bed Elev.		DEPTH ft	BLOW COUNT	UCS tsf	MOIST %T
				ft	(ft)	ft	ft				
0				617.10		615.10					
1	0.8	25									
2	B										
3			83								
12	5.9	8									
15	S										
28	8.2	7									
41	B										
43			7								
50											
60											
12	S		19								

Dark Gray Sand Loam to Dirty Sand with Organics (Alluvium) 622.2

Green/Brown Mottled Clay Loam Till (continued)

614.7

Gray Sandy Clay Loam Till with Interbedded Sand Seams Trace of Free Water

605.2


Gray Coe Sand Seam

Green/Brown Mottled Clay Loam Till

End of Boring

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, E-Estimate)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208) BBS, from 137 (Rev. 8-99)



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SOIL BORING LOG

Page 1 of 1
Date 8/9/81

ROUTE FAP 749 (IL 133) DESCRIPTION Little Embarras River on IL 133 LOGGED BY Hough

SECTION (122BR)BR LOCATION NE, SEC. 20, TWP. 14N, RNG. 14W, 3rd PM

COUNTY Coles DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 015-0031 Station 933+50

BORING NO. 4 Widening Station 933+50 Offset 23.9 ft Lt. Ground Surface Elev. 621.40 ft

DEPTH ft	BLOW COUNT	UCS tsf	MOIST %T	Surface Water Elev.		Stream Bed Elev.		DEPTH ft	BLOW COUNT	UCS tsf	MOIST %T
				ft	(ft)	ft	ft				
0											
4	0.2	66									
12	6.3	9									
15	S										
22	3.0	19									
28	8.1	8									
33											
47	8.1	8									
51	8.2	10									

Medium Dark Brown Silty Clay Loam

Hard Brown Gray Mottled Clay Loam Till (continued)

618.9

Very Loose Dark Gray to Black Sand Loam Interlayered w/Fine Brown Sand

612.4

Hard Gray Brown Clay Loam Till

605.2

Very Stiff Gray Brown Mottled Clay Till

602.9

Hard Brown Gray Mottled Clay Loam Till

End of Boring

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, E-Estimate)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208) BBS, from 137 (Rev. 8-99)

Note that blow counts shown above are for 12" penetration in lieu of the typical 6" shown on borings 1, 2, & 3.

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS SHEET 2 OF 3

IL ROUTE 133 OVER THE
LITTLE EMBARRAS RIVER
F.A.P. ROUTE 749 SECTION (122BR)BR
COLES COUNTY
STATION 933+50.00
STRUCTURE NO. 015-0074

DRAWN BY: MLO
CHECKED BY: PBB

DATE: MARCH 2006