ROUTE NO.	MED'XION	COUNTY		SHEET NO.
749	(122BR) BR	COLES	49	35
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT=	

SHEET NO. 22
24 SHEETS

Contract #74146

Illinois Department of Transportation
Division of Highways
IDOT - Dist 5

SOIL BORING LOG

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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. 1 East Abut.
Station 934+85
Offset 8.0 ft Lt.
Ground Surface Elev. 636.50 ft

Surface Water Elev. 617.10 ft
Stream Bed Elev. 615.10 ft

Groundwater Elev.:
First Encounter 619.5 ft ▼
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Pavement 636.5			
634.0			
Dark Gray Sand Loam to Silt Loam Mixed (Embankment)	2		
-5	3 2	1.5 S	14
	2		
	3		
	3		
627.0			
Brown/Gray Mottled Sandy Clay Loam	2		
-10	3 4	1.4 S	10
624.5			
Brown Fine to Medium Sand (Alluvium)	1		
	1		
	3		
622.5			
Brown Mottled Sand Loam to Loam (Alluvium)	1		
	1	0.8	18
-15	2	B	
619.5 ▼			
Gray Fine to Medium Sand (Alluvium)	1		
	3		21
	3		
	1		
616.0	6		
-20	3		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Poorly Sorted Coarse Sand with Small Gravel (Alluvium) 614.5			
(continued)	6		
Brown Clay Loam Till	10 14	6.1 S	11
612.5			
Gray to Gray/Brown Mottled Clay Till to Clay Loam Till	2		
	5 5	2.6 S	21
-25			
	2		
	5 5	2.6 S	20
	3		
	5 5	3.5 S	20
-30			
	3		
	7 7	3.3 S	20
602.5			
Brown Mottled Clay Till to Clay Loam Till	10		
	7 7	3.3 D	21
-35			
559.0			
Green/Gray Micaceous Siltstone (Bedrock) (Drilled Rough)	50-1"		
			4
(Auger Refusal) 599.0			
End of Boring -40			

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 T206)

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
IDOT - Dist 5

SOIL BORING LOG

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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. 2 West Abut.
Station 932+17
Offset 10.0 ft Rt.
Ground Surface Elev. 639.10 ft

Surface Water Elev. 617.10 ft
Stream Bed Elev. 615.10 ft

Groundwater Elev.:
First Encounter 616.1 ft ▼
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Pavement 636.1			
634.6			
Brown Sandy Clay Loam Till	2		
-5	3 5	2.2 S	13
628.1			
Brown Varved Silt	3		
626.6	3 2	1.4 S	28
-10 **Gray Varved Silt**			
624.6	1		
Gray Sandy Clay Loam Till with Interbedded Sand Seams	3 3	1.2 B	18
	2		
	4 2	2.3 B	18
-15			
	2		
	4 6	3.1 S	18
	3		
	7 12	1.8 S	14
-20			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Sandy Clay Loam Till with Interbedded Sand Seams *(continued)* **Gray Coarse Seam**			
613.1			
Gray sandy Clay Loam Till	27		
	50-4"		8
-25			
(Drilled Rough/Hard)			
	50-5"		
			7
-30			
	3		
	8 22	8.1 S	20
-35			
599.1			
Green/Gray Micaceous Siltstone (Bedrock) (Drilled Rough)	50-3"		
			5
(Auger Refusal) 595.1			
End of Boring -40			

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 T206)

BBS, from 137 (Rev. 8-99)

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS SHEET 1 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

DATE: MARCH 2006 DRAWN BY: MLO CHECKED BY: PBB