

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET	SHEET NO.
FAP 769	110B-2	MACOUPIN	98	38
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Contract #72813

Illinois Department of Transportation
Division of Highways
District - Materials

SOIL BORING LOG

Page 1 of 1
Date 4/5/07

ROUTE FA 769 (IL 108) DESCRIPTION Center Pier over Macoupin Creek LOGGED BY M. Tappan

SECTION 110B-2 LOCATION NE 1/4, SEC. 35, TWP. 35N, R16E, T1W, 3 PM

COUNTY Macoupin DRILLING METHOD ISA HAMMER TYPE M2# Auto

STRUCT. NO. 059-0509 Pt
Station 104+41

BORING NO. B3 Pier #2
Station 104+56
Offset 22.01 ft
Ground Surface Elev. 560.5 ft

DEPTH (ft)	TEST	REMARKS	WATER ELEV. (ft)	TEMP. (F)
0		Surface Water Elev. 549.6 ft		
0		Stream Bed Elev. 545.1 ft		
0		Groundwater Elev. _____ ft		
0		First Encounter _____ ft		
0		Upon Completion _____ ft		
0		After 5 Days Hrs. 557.5 ft		
0		Gray Moist SILTY CLAY LOAM		
1	0.5			
2	0.5			
3	0.5			
4	0.5			
5	0.5			
6	0.5			
7	0.5			
8	0.5			
9	0.5			
10	0.5			
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83	0.5			
84	0.5			
85	0.5			
86	0.5			
87	0.5			
88	0.5			
89	0.5			
90	0.5			
91	0.5			
92	0.5			
93	0.5			
94	0.5			
95	0.5			
96	0.5			
97	0.5			
98	0.5			
99	0.5			
100	0.5			

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by (B)-Block, S-Shear, P-Penetrometer, E-Estimated
Abbreviations W.O.H. - Sampler Advanced by Weight of Hammer, M.O.P. - Advanced by Weight of Pipe, B.S. - Before Sealing
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BGS, from 137 (Rev. 8-99)

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ROCK BORING LOG

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Date 4/5/07

ROUTE FA 769 (IL 108) DESCRIPTION Center Pier over Macoupin Creek LOGGED BY M. Tappan

SECTION 110B-2 LOCATION NE 1/4, SEC. 35, TWP. 35N, R16E, T1W, 3 PM

COUNTY Macoupin CORING METHOD Water

STRUCT. NO. 059-0509 Pt
Station 104+41

BORING NO. B3 Pier #2
Station 104+56
Offset 22.01 ft
Ground Surface Elev. 560.5 ft

DEPTH (ft)	TEST	REMARKS	UCS (psi)	ROD
0		LT Blue Gray Moist Poorly Indurated Clay SHALE w/ 1/2" Limestone Spots, 12" Closed Joints		
1	90		5.3	
2	100		11.1	
3	98		8.4	
4	83		37.6	
5				
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100				

The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
ROD is the ratio of the total length of sound core specimens "4" to total length of core run

BORING LOGS
F.A.P. ROUTE 769 - SEC. 110B-2
MACOUPIN COUNTY
STATION 104+41.00
STRUCTURE NO. 059-0509