

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**Illinois Department of Transportation**  
Division of Highways  
District - Materials

### SOIL BORING LOG

Page 1 of 2  
Date 3/25/07

ROUTE FA 769 (IL 108) DESCRIPTION West Abutment over Macoupin Creek LOGGED BY M. Toppan

SECTION 110B-2 LOCATION NE 1/4, SEC. 35, TWP. 36N, R16E, T2N, 3 PW

COUNTY Macoupin DRILLING METHOD HSA HAMMER TYPE HQ# Auto

STRUCT. NO. 059-0509 Pr  
Station 104+41.00  
BORING NO. B1  
Station 102+79  
Offset 13.01 ft  
Ground Surface Elev. 578.8 ft

DEPTH (ft)	TEST	REMARKS	DEPTH (ft)	TEST	REMARKS
0		Surface Water Elev. 549.6 ft	0		
2		Stream Bed Elev. 545.3 ft	2		
2		Groundwater Elev. 554.3 ft	2		
2		First Encounter 553.3 ft	2		
2		Upon Completion 553.3 ft	2		
2		After hrs. Placed ft	2		
0		LT Brown Moist SAND (LOAM @ 0)	0		
2		Black Moist Fissile Clayey SHALE (continued)	2		
2			2		
2			2		
574.80		Black Moist Semi-Vitreous Bituminous COAL Free water	574.80		
1		Gray and Brown Moist SAND LOAM	1		
2			2		
572.80		Gray and Brown V. Moist Med. SAND	572.80		
1			1		
2			2		
3			3		
569.80		LT Olive Gray Moist Poorly Indurated Clayey SHALE w/ Heavily Oxidized Seams	569.80		
1			1		
6			6		
11			11		
4			4		
18			18		
29			29		
4			4		
18			18		
26			26		
4			4		
18			18		
29			29		
559.80		LT Olive Gray	559.80		
100			100		
558.80		LT Gray Microcrystalline Well Indurated LIMESTONE	558.80		
100			100		
73			73		

The Unclassified Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)  
Abbreviations W.O.H - Sampler Advanced by Weight of Hammer, W.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) BBS, from 137 (Rev. 8-99)

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