

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET	SHEET NO.
FAP 769	110B-2	MACOUPIN	78	78	38 SHEETS
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 2
Date 3/20/07

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

SECTION 110B-2 LOCATION NE 1/4, SEC. 35, TWP. 36N, R. 6W, ZW. 3 PW

COUNTY Macoupin DRILLING METHOD HSA HAMMER TYPE HQ# Auto

STRUCT. NO. 059-0509 Pr
059-0023 Ex
Station 104+41

BORING NO. B5
Station 106+00
Offset 13.00 ft

Ground Surface Elev. 518.7 ft

DEPTH (ft)	TEST	SOIL DESCRIPTION	WATER	REMARKS
0		Surface Water Elev. 549.6 ft		
0		Stream Bed Elev. 545.3 ft		
0		Groundwater Elev. 554.2 ft		
0		First Encounter 554.2 ft		
0		Upon Completion Washed ft		
0		After Plugged ft		
0		Gray Moist LOAM (continued)		
1		Gray and Brown Moist SILTY CLAY		
2				
3				
1		Brown Dirty Fine SAND		
5		Free Water		
2		Gray Moist SILTY CLAY LOAM (Fill) w/ Loam Seams		
4				
1				
3				
3				
2				
3				
4				
2		Brown Med Sandy GRAVEL		
4				
4				
1		Gray Moist LOAM		
2		LT Blue Gray Moist Clayey SHALE w/ Coloured Seams		
2		Washed		
0				
2				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.D.H. - Sampler Advanced by Weight of Hammer, W.D.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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0		Stream Bed Elev. 545.3 ft		
0		Groundwater Elev. 554.2 ft		
0		First Encounter 554.2 ft		
0		Upon Completion Washed ft		
0		After Plugged ft		
0		LT Blue Gray Moist Clayey SHALE w/ Coloured Seams		
1		Washed (continued)		
2				
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60				

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