

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	161/2	SHEET NO.
FAP 662	(V,T)B-2	MACOUPIN	60	49
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Contract #72993

SHEET NO. 18  
20 SHEETS

**Illinois Department of Transportation**  
Division of Highways  
DOT - District 6

### SOIL BORING LOG

Page 1 of 3  
Date 9/2/03

ROUTE FAP 662 (IL 4) DESCRIPTION over Honey Creek LOGGED BY M. Tappan

SECTION (V,T)B-1 LOCATION NE 1/4, SEC. 24, TWP. 9 N, RNG. 7 W, 3 PM

COUNTY Macoupin DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 059-0008 Ex  
Station 447+04

BORING NO. 1 S. About  
Station 447+79  
Offset 12.0R LL  
Ground Surface Elev. 602.4 ft

DEPTH (ft)	DESCRIPTION	UCS (psi)	Failure Mode	Penetration (lb/ft)	Penetration (lb/in)
0	Surface Water Elev. 592.6 ft				
0	Stream Bed Elev. 591.5 ft				
0	Groundwater Elev. 599.4 ft				
0	First Encounter 599.4 ft				
0	Upon Completion Washed ft				
0	After Hrs. Plugged ft				
0	Grey Moist CLAY LOAM (Till)				
0	Grey Medium Grained SANDY GRAVEL				
0	Grey Moist CLAY LOAM (Till)				
1	Free Water				
0	V. Moist				
0	Grey V. Moist SILTY CLAY LOAM Sampler Advanced by Weight of Hammer				
0	Brown and Grey Moist CLAY LOAM (Till)				

The Unconfined 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 Seating  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, form 137 (Rev. 8-99)

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DEPTH (ft)	DESCRIPTION	UCS (psi)	Failure Mode	Penetration (lb/ft)	Penetration (lb/in)
0	Grey Moist CLAY LOAM (Till) (continued)				
0	Grey V. Fine Grained SAND				
0	Grey Medium Grained SANDY GRAVEL				
0	Washed				
0	Grey Moist CLAY LOAM (Till)				
0	Olive Brown and Grey Moist SILTY CLAY (Till)				

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Station 447+79  
Offset 12.0R LL  
Ground Surface Elev. 602.4 ft

DEPTH (ft)	DESCRIPTION	UCS (psi)	Failure Mode	Penetration (lb/ft)	Penetration (lb/in)
0	Olive Brown and Grey Moist SILTY CLAY (Till) (continued)				
0	Olive Brown and Light Blue Grey Micaceous Silty SHALE				
0	Boring Completed				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)  
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BORING LOGS  
F.A.P. RT. 662 SECTION (V,T)B-2  
MACOUPIN COUNTY  
STATION 447+03.80  
STRUCTURE NO. 059-0504