

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET	SHEET NO.
FAP 662	(V,T)B-2	MACOUPIN	68	50
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract #72993

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

**SOIL BORING LOG** Page 1 of 2  
Date 9/20/83

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

SECTION IV,TBR-1 LOCATION NE 1/4, SEC. 24, TWP. 9 N, RING. 7 W. 3 PM

COUNTY Macoupin DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 059-0504 Ex  
Station 447+04

BORING NO. 2 Center  
Station 447+01  
Offset 7.0ft Lt  
Ground Surface Elev. 580.6 ft

D E P T H ft	B L O W S	U C S T	M O I S T %	Surface Water Elev. 582.6 ft		D E P T H ft	B L O W S	U C S T	M O I S T %
				(ft)	(%)				
				582.6		2	1.0	23	
				581.5		3	B		
						4	2.4	17	
						6	B		
						1			
						2	1.7	15	
						4	B		
						1			
						3	1.5	15	
						3	B		
						10			
						12	4.9	14	
						13	B		
						1			
						2	1.0	17	
						3	B		
						13			
						13	5.2	16	
						1			
						5	3.0	19	
						6	B		
						1			

Grey Moist CLAY LOAM (Til)  
Grey and Brown  
Grey  
Olive Brown and Grey  
Grey

Grey Moist CLAY LOAM (Til)  
(continued)  
Olive Grey w/ff Medium Grained SANDY GRAVEL Seam  
Olive Brown and Grey

Surface Water Elev. 582.6 ft  
Stream Bed Elev. 581.5 ft  
Groundwater Elev.:  
First Encounter No Encounter ft  
Upon Completion Washed ft  
After Hrs. Plugged ft

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 Sealing  
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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**SOIL BORING LOG** Page 2 of 2  
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				(ft)	(%)				
				582.6		2	1.0	23	
				581.5		3	B		
						4	2.0	14	
						4	B		
						1			
						2	1.7	15	
						4	B		
						1			
						3	1.5	15	
						3	B		
						10			
						12	4.9	14	
						13	B		
						1			
						2	1.0	17	
						3	B		
						13			
						13	5.2	16	
						1			
						5	3.0	19	
						6	B		
						1			

Grey Moist CLAY LOAM (Til)  
(continued)  
Light Blue Grey Moist SILTY CLAY (Til)  
Light Blue Grey Moist LOAM  
w/ff Medium Grained SANDY GRAVEL Seam Washed  
Olive Brown and Grey Moist CLAY (Til)  
Light Blue Grey Moist Micaceous Silty SHALE

Surface Water Elev. 582.6 ft  
Stream Bed Elev. 581.5 ft  
Groundwater Elev.:  
First Encounter No Encounter ft  
Upon Completion Washed ft  
After Hrs. Plugged ft

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**