

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO. 19 20 SHEETS
FAP 662	V,T)B-2	MACOUPIN	08 50	
FED. ROAD DIST. NO. 7		ILL. PROJ. NO.	FED. AID PROJECT NO.	
Contract #72993				

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**Illinois Department of Transportation**  
Division of Highways  
1007 - District 6

### SOIL BORING LOG

Date: 9/20/03

ROUTE: FAP 662 (IL 4), DESCRIPTION: over Honey Creek, LOGGED BY: M. Tappen

SECTION: (V,T)B-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: 7.0R Lt  
Ground Surface Elev.: 580.6 ft

Depth (ft)	Penetration		Description	Penetration	
	(ft)	(%)		(ft)	(%)
2	1.0	23	Grey Moist CLAY LOAM (Tll)	2	1.0
3	B		(continued)	3	B
4	2.4	17	Grey and Brown	4	2.4
6	B		Olive Grey w/4" Medium Grained SANDY GRAVEL Seam	6	B
1			Grey	1	
2	1.7	15		2	1.7
4	B			4	B
1				1	
3	1.5	15	Olive Brown and Grey	3	1.5
3	B			3	B
1				1	
2	1.7	15		2	1.7
4	B			4	B
1				1	
2	1.0	17		2	1.0
3	B			3	B
1				1	
2	1.0	20		2	1.0
3	B			3	B
1				1	
2	0.8	35	Grey	2	0.8
2	B			2	B
1				1	
5	3.0	13		5	3.0
6	B			6	B
1				1	
5	3.0	13		5	3.0
6	B			6	B

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 T208) BBS, form 137 (Rev. 8-99)

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	(ft)	(%)		(ft)	(%)
2	1.0	23	Grey Moist CLAY LOAM (Tll)	2	1.0
3	B		(continued)	3	B
4	2.0	14	Light Blue Grey Moist SILTY CLAY (Tll)	4	2.0
5	B			5	B
2			Light Blue Grey Moist LOAM	2	
5				5	
13	3.9	14	w/3" Medium Grained SANDY GRAVEL Seam	13	3.9
21	B		Washed	21	B
1				1	
7	3.1	22	Olive Brown and Grey Moist CLAY (Tll)	7	3.1
18	B			18	B
1			Light Blue Grey Moist Micaceous Silty SHALE	1	
3				3	
7	3.1	22		7	3.1
18	B		Boring Completed	18	B
1				1	
3	2.8	22		3	2.8
4	B			4	B

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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**