

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

Contract #72993

SHEET NO. 20  
20 SHEETS

**Illinois Department of Transportation**  
Division of Highways  
SOIL BORING LOG

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Date 9/30/92

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

SECTION IV.TIBR-1 LOCATION NE 14, SEC. 24, TWP. 9 N, RNG. 7 W, 3 PM

COUNTY Macoupin DRILLING METHOD HSA HAMMER TYPE 140# Auto

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

BORING NO. 3 N. Abut  
Station 446+29  
Offset 13.0ft  
Ground Surface Elev. 602.4 ft

DEPTH (ft)	SOIL DESCRIPTION	WATER	REMARKS	DEPTH (ft)	SOIL DESCRIPTION	WATER	REMARKS
0	Surface Water Elev. 582.6 ft			0	Stream Bed Elev. 581.5 ft		
0	Groundwater Elev. 589.9 ft			0	First Encounter 589.9 ft		
0	Upon Completion Washed ft			0	After Hrs. Plugged ft		
0	Grey V. Moist LOAM to SAND LOAM			0	Grey V. Moist LOAM to SAND LOAM		
1	Free Water	0.2	27	1	Free Water	0.2	27
1	Sampler Advanced by Weight of Hammer			1	Sampler Advanced by Weight of Hammer		
2	1.4 B			2	1.4 B		
3	3 B			3	3 B		
4	1 B			4	1 B		
5	0.5 B			5	0.5 B		
6	2 B			6	2 B		
7	1 B			7	1 B		
8	0.7 B			8	0.7 B		
9	2 B			9	2 B		
10	1 B			10	1 B		
11	0.8 B			11	0.8 B		
12	2 B			12	2 B		
13	1 B			13	1 B		
14	1.0 B			14	1.0 B		
15	5 B			15	5 B		
16	0.3 B			16	0.3 B		
17	2 S-6			17	2 S-6		
18	0 B			18	0 B		
19	1 B			19	1 B		
20	2 B			20	2 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 Soating  
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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0	Surface Water Elev. 582.6 ft			0	Stream Bed Elev. 581.5 ft		
0	Groundwater Elev. 589.9 ft			0	First Encounter 589.9 ft		
0	Upon Completion Washed ft			0	After Hrs. Plugged ft		
0	Grey Moist CLAY LOAM (fill)			0	Grey Moist CLAY LOAM (fill)		
1	2.2 B			1	2.2 B		
2	3 B			2	3 B		
3	6 B			3	6 B		
4	4 B			4	4 B		
5	4.7 B			5	4.7 B		
6	11 B			6	11 B		
7	7 B			7	7 B		
8	2.5 B			8	2.5 B		
9	8 B			9	8 B		
10	4 B			10	4 B		
11	5.2 B			11	5.2 B		
12	12 B			12	12 B		

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DEPTH (ft)	SOIL DESCRIPTION	WATER	REMARKS	DEPTH (ft)	SOIL DESCRIPTION	WATER	REMARKS
0	Surface Water Elev. 582.6 ft			0	Stream Bed Elev. 581.5 ft		
0	Groundwater Elev. 589.9 ft			0	First Encounter 589.9 ft		
0	Upon Completion Washed ft			0	After Hrs. Plugged ft		
0	Grey Medium to Coarse Grained SANDY GRAVEL (continued)			0	Grey Medium to Coarse Grained SANDY GRAVEL (continued)		
1	11			1	11		
2	16			2	16		
3	18			3	18		
4	614.90			4	614.90		
5	6 B			5	6 B		
6	2.2 B			6	2.2 B		
7	6 B			7	6 B		
8	611.40			8	611.40		
9	41			9	41		
10	100			10	100		
11	607.90			11	607.90		
12	12			12	12		

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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