STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 662	(V,T)B-2	MACOUPIN	66	45
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 19
20 SHEETS

Contract #72993

Illinois Department of Transportation
Division of Highways
IDOT – District 6

SOIL BORING LOG

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Date 9/2003

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

SECTION (V,T)BR-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 / 059-0504 Pr
Station 447+04

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

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

Description	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Grey Moist CLAY LOAM (Till)				
		1		
Grey and Brown		4	2.4	17
		6	B	
	-5	1		
Grey		2	1.7	15
		4	B	
		1		
		3	1.5	15
		3	B	
	-10	1		
		2	1.7	15
		4	B	
		1		
		2	1.0	17
		3	B	
	-15	1		
		2	1.0	20
		3	B	
		1		
		2	0.9	35
		2	B	
	-20	1		

Description	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Grey Moist CLAY LOAM (Till) (continued)		2	1.0	23
		3	B	
		2		
Olive Grey w/4" Medium Grained SANDY GRAVEL Seam		5	2.8	16
		6	B	
	-25			
		2		
Olive Brown and Grey		10	4.9	14
		13	B	
	-30			
		8		
		13	5.2	16
		13	B	
	-35			
		1		
Grey		5	3.0	13
		6	B	
	-40			

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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IDOT – District 6

SOIL BORING LOG

Page 2 of 2

Date 9/2003

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

SECTION (V,T)BR-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 / 059-0504 Pr
Station 447+04

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

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

Description	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Grey Moist CLAY LOAM (Till) (continued)				
		1		
		3	2.0	14
		4	B	
	-45			
		5		
w/3" Medium Grained SANDY GRAVEL Seam Washed		13	3.9	14
		21	B	
	-50			
	530.10			
Olive Brown and Grey Moist CLAY (Till)				
		3		
		7	3.1	22
		18	B	
	-55			
		1		
		3	2.8	22
		4	B	
	-60			

Description	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
	520.10			
Light Blue Grey Moist SILTY CLAY (Till)				
		2		
		4	1.9	21
		5	B	
	-65			
	515.10			
Light Blue Grey Moist LOAM				
		2		
		5	2.1	20
		6	B	
	-70			
	510.10			
Light Blue Grey Moist Micaceous Silty SHALE				
		31		
	507.60	100		16
Boring Completed		/6"		
	-75			
	-80			

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)

BORING LOGS
F.A.P. RT. 662 SECTION (V,T)B-2
MACOUPIN COUNTY
STATION 447+03.80
STRUCTURE NO. 059-0504