#### STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

# Illinois Department of Transportation

### **SOIL BORING LOG**

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District 6								Date	0/1	0//0		
ROUTEFAP 608 DESCRIPTION	ON			IL 111	1 Over Otter Creek	LOGGE	ED BY	<u>ر</u>	).E. Br	uun		
SECTION 122B-2 LOCATION _SW 1/4, SEC. 6, TWP. 10 N, RNG. 8 W, 3 PM												
COUNTY Macoupin DRILLI	DRILLING METHOD				HSA HAMMER	HAMMER TYPE140# Manu			Manua	al		
059-0011 Ex STRUCT. NO. 059-0512 Pr Station 762+23	D E P	B L O	U C S	M 0 1	Surface Water Elev. No Data Stream Bed Elev. No Data	ft ft	D E P	BLO	U C S	M 0 1		
BORING NO.         1976-2           Station         763+06           Offset         36.0ft RT	H	W S	Qu	S T	Groundwater Elev.:	ft	H	w s	Qu	S T		
Ground Surface Elev. 518.8 f	t (ft)	/6"	(tsf)	(%)	▼After 6 Days Hrs. 509.3  Grev SAND AND GRAVEL	ft	(ft)	/6"	(tsf)	(%)		
Moist (Medium)					Wet (Loose) (continued)	497.80		8				
					Grey SAND							
					Medium-Coarse Wet (Loose)							
		18	1.0 P	19	Fine Wet (Loose) with 6" layer of			7		,		
					Wood		-25					
		15	0.6 P	24			_	11				
					Medium Wet (Medium)		$\exists$					
	_						-					
		8	1.0	19	Con CAND AND OBANGLY	490.30		34				
<u> </u>			S		Grey SAND AND GRAVEL Very Coarse Wet (Dense)		-					
-	-10						-30					
507.8	30	3	0.5	18			+	19				
Brown SAND LOAM Very Moist (Medium)			Р		Wet (Medium)		$\neg$					
Free Water 506.3	30				vvet (medium)							
Grey SAND Coarse Wet (Loose)		8			Yellowish-Brown and Grey CLAY	485.80	$\neg$	21	1.3	24		
Coarse wet (Loose)	_				LOAM (Till) Very Moist (Stiff)		_		P P			
	15					483.80	-35					
	-	2			Yellowish-Brown and Grey Mottled SILTY CLAY LOAM Moist (Very	Ĺ	+	25	3.6	19		
Coarse Wet (Very Loose)					Stiff)				S			
500.8	10								1 7	40		
Grey SAND AND GRAVEL Wet (Loose)		5			CLAY LOAM (Till)	480.30	-	26	1.7 S	18		
	-20				Reddish - Brown Moist (Stiff)		-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, from 137 (Rev. 8-99)



## **SOIL BORING LOG**

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Date \_\_6/16/76

ROUTE FAP 608 DESC	E FAP 608 DESCRIPTION				IL 11	1 Over Otter Creek	LOGGED BY D.E. Bruun			
<b>SECTION</b> 122B-2	LO	CATI	ON _	SW 1/	4, SE	C. 6, TWP. 10 N, RNG. 8	W, 3 <b>PM</b>			
COUNTY Macoupin DRILLING METHOD						HSA	HAMMER	TYPE1	0# Manual	
STRUCT. NO.     059-0011 Ex       Station     762+23       BORING NO.     1976-2		DEPT	B L O W	U C S	M O I S	Surface Water Elev Stream Bed Elev Groundwater Elev.:	No Data No Data	ft ft		
Station         763+06           Offset         36.0ft RT           Ground Surface Elev.         518.8		H (ft)	/6"	Qu (tsf)	(%)	∑First Encounter  ∑Upon Completion  XAfter 6 Days Hrs.	No Data	_ ft		
CLAY LOAM (Till) (continued)		(1.5)		\		Alter o Days His.	303.3			
			21	1.0 B	21					
Reddish-Brown Very Moist (Medium)										
		_	21	1.4 B	29					
Brown and Grey Mottled Very Moist (Stiff)	473.80	-45								
Grey SHALE			00/11	11	15					
(Dense) Damp (Hard)		_	100/6'		15					
		-50								
Light Brown and Grey	467.30		100/3'		15					
Boring Completed	107.100									
		_								
		-55								
		_								
		_								
		-60								

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, from 137 (Rev. 8-99)

#### BORING LOGS-4 STRUCTURE NO. 059-0512



SHEET NO.24 24 SHEETS

F.A.P. RTE.	SECT	ION		COUNTY	TOTAL SHEETS	SHEE NO.
608	122E	3-2		MACOUPIN	53	42
				CONTRACT	NO. 72	353
		ILLINOIS	FED. AII	PROJECT		