



# SOIL BORING LOG

Page 1 of 3

Date 9/30/96

ROUTE FAI 74 (I-74) DESCRIPTION I-74 over Jefferson St. (CH 22) LOGGED BY D.Reents

SECTION (90-14)R LOCATION Morton, IL, SEC. 17, TWP. 25N, RNG. 3W, 3<sup>rd</sup> PM

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE Automatic

STRUCT. NO. EX 090-0016  
 Station 558+75.28

BORING NO. 9  
 Station 557+07.5  
 Offset 49.5ft LT  
 Ground Surface Elev. 752.29 ft

DEPTH (ft)	DIAMETER (ft)	UNIT	MOISTURE (%)	TEST
0				
4	3	1.0P	11	
6				
7	3.7		10	
8	S			
2				
4	2.9		13	
6	B			
2				
3	1.4		14	
4	B			
3				
4	2.0		12	
6	S			
3				
4	2.5		15	
9	S			
3				
4	1.7		14	
4				

DEPTH (ft)	DIAMETER (ft)	UNIT	MOISTURE (%)	TEST	DESCRIPTION
0					Gray (Fill) CLAY LOAM
4					Brown and Gray SILTY CLAY LOAM and CLAY LOAM (Fill) (continued)
4					
8	4.4		12		
10	S				
728.29					
2					Brown, Crs. SAND (Fill)
4					
6					Gray CLAY LOAM (Fill)
4					
7	3.7		10		Dark Gray SILTY CLAY LOAM w/ trace of organics
8	S				
723.29					
2					Gray and Brown SILTY CLAY
4	2.9		13		
6	B				
720.79					
1					Light Gray and Light Brown SILTY CLAY
3	1.4		14		
4	B				
718.29					
3					Brown CLAY LOAM Till
5	1.4		15		
6	S				
715.79					
3					Brown an Gray CLAY LOAM Till
4	1.2		14		
5	S				Trace H2O
713.29					
1					Gray CLAY LOAM Till
4	1.0		12		
4					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
 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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DEPTH (ft)	DIAMETER (ft)	UNIT	MOISTURE (%)	TEST
0				
10				
3				
4				
6				
3				
5	1.7		14	
8	B			
2				
3	1.2		15	
3				

DEPTH (ft)	DIAMETER (ft)	UNIT	MOISTURE (%)	TEST	DESCRIPTION
0					Gray CLAY LOAM Till (continued)
10					Brown and Gravelly at 40.25 ft
708.29					
3					Gray, Coarse (Some Fine) SAND w/ some Loam seams
4					
6					Peat @ 65.5 ft
703.29					
3					Gray, Coarse SAND w/ some Fine-Medium seams
5					
6					Gray, Fine-Medium SAND (Gas pocket)
8					
13					
678.29					
7					Gray CLAY LOAM Till w/ Sand seams
9	2.9		10		
13	B				
678.29					
2					
3	1.2		15		
3					

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DEPTH (ft)	DIAMETER (ft)	UNIT	MOISTURE (%)	TEST	
0					
6					
3					
4	1.0		43		
6	S				
663.29					
3					Gray CLAY LOAM Till
10	4.1		16		
15	B				Peat seam at 90 ft
2					
4	1.9		13		
6	B				
3					
4	1.8		13		
4					

DEPTH (ft)	DIAMETER (ft)	UNIT	MOISTURE (%)	TEST	DESCRIPTION
0					Gray CLAY LOAM Till w/ Sand seams (continued)
6					Peat and organics at 80.5 ft
668.29					
3					Dark Brown PEAT
4	1.0		43		
6	S				
663.29					
3					Gray CLAY LOAM Till
10	4.1		16		
15	B				Peat seam at 90 ft
2					
4	1.9		13		
6	B				
3					
4	1.8		13		
4					

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 BBS, form 137 (Rev. 8-99)



Alfred Benesch & Company  
 205 North Michigan Avenue, Suite 2400  
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 312-565-0450 Job No. 10056

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		DRAWN - PRT	REVISED -
		CHECKED - MRB	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS 1 OF 10  
 STRUCTURE NO. 090-0167

SHEET NO. SB54 OF SB65 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-114R(14HB-4,14,14HB)BRJ	TAZEWELL	2433	1965
CONTRACT NO. 68620				

ILLINOIS FED. AID PROJECT

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