Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 7/26/95

ROUTE FAI 74 (I-74) DESCRIPTION I-74 over US 150 & abandoned IT RR LOGGED BY D.Reents

SECTION (90-14)R LOCATION Morton, IL, **SEC.** 17, **TWP.** 25N, **RNG.** 3W, 3rd **PM**,
Latitude 40° 37' 18.44722" N, **Longitude** 89° 28' 27.11998" W

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE Automatic

STRUCT. NO. EX 090-0017(WB) EX 090-0018(EB)
Station 568+65.40 on CL

BORING NO. B-1
Station 568+24
Offset 0ft on CL
Ground Surface Elev. 718.70 ft

Surface Water Elev. NA ft
Stream Bed Elev. NA ft

Groundwater Elev.:
First Encounter 706.7 ft ▼
Upon Completion 712.7 ft ▽
After 24 Hrs. 714.7 ft ▽

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Dark Brown SILTY CLAY LOAM			3		
			4	2.0	21
			3	S	
	715.70				
Light Gray SILTY CLAY LOAM/SILTY CLAY			3		
			2	0.7	27
			2	B	
		-5			
	713.20				
Light Gray w/ some Light Brown SILTY CLAY LOAM			2		
			1	0.2	26
			2	B	
	710.70				
Light Brown w/ trace of Light Gray SILTY CLAY LOAM			2		
			1	0.4	25
			3	B	
		-10			
	708.20				
Light Brown w/ trace of Light Gray SILTY LOAM w/ Sand seams			1		
			5		18
			9		
Free water at 12'					
	705.70				
Gray CLAY LOAM Till			1		
			3	1.2	16
			5	B	
		-15			
			2		
			5	2.1	14
			7	B	
			3		
			8	2.3	14
			11	B	
		-20			
Gray CLAY LOAM Till *(continued)*			4		
			7	2.3	14
			11	B	
			3		
			6	2.2	14
			14	S	
		-25			
			3		
			7	2.5	13
			12	B	
	691.70				
End of Boring					
		-30			
		-35			
		-40			

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)

A.16

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Page 1 of 1

Date 7/26/95

ROUTE FAI 74 (I-74) DESCRIPTION I-74 over US 150 & abandoned IT RR LOGGED BY D.Reents

SECTION (90-14)R LOCATION Morton, IL, **SEC.** 17, **TWP.** 25N, **RNG.** 3W, 3rd **PM**,
Latitude 40° 37' 18.44966" N, **Longitude** 89° 28' 27.09424" W

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE

STRUCT. NO. EX 090-0017(WB) EX 090-0018(EB)
Station 568+65.40 on CL

BORING NO. B-1S
Station 568+26
Offset 0ft on CL
Ground Surface Elev. 718.50 ft

Surface Water Elev. NA ft
Stream Bed Elev. NA ft

Groundwater Elev.:
First Encounter ft
Upon Completion NA ft
After 24 Hrs. NA ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Dark Brown SILTY CLAY LOAM					
Tube #1: 0'-2.5', Recovery 1.4 ft.					
	715.50				
Light Gray and Light Brown SILTY CLAY LOAM/SILTY CLAY					
Tube #2: 3'-5.5', Recovery 0.9 ft.					
Tube #2A: 4'-6.5', Recovery 1.8 ft.		-5			
	713.00				
Light Brown SILTY CLAY LOAM					
Tube #3: 5.5'-8', Recovery 2.0 ft.					
	710.50				
Light Brown SILTY LOAM w/Fine SAND					
Tube #4: 8'-10.5', Recovery 2.4 ft.		-10			
	708.00				
Brown SAND and GRAVEL					
Tube #5: 10.5'-13', Recovery 2.3 ft					
	705.50				
Refusal at 12.7 ft. End of Boring					
		-15			
		-20			

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

FILE NAME =	USER NAME = mbecker	DESIGNED - MFB	REVISED -
		CHECKED - MRB	REVISED -
0900169_68620_49_log5.dgn	PLOT SCALE =	DRAWN - PRT	REVISED -
	PLOT DATE = 7/16/2012	CHECKED - MRB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS 5 OF 5
STRUCTURE NO. 090–0169
SHEET NO. SC49 OF SC63 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-[14R;(14HB-4,14,14HVB)BR]	TAZEWELL	2433	2025
		CONTRACT NO. 68620		
		ILLINOIS FED. AID PROJECT		

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