Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Date 4/6/98

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

SECTION (90-14)R LOCATION Morton, IL, SEC. 17, TWP. 25N, RNG. 3W, 3rd PM.
Latitude 40° 37' 16.22967" N, Longitude 89° 28' 36.55488" W

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE Automatic

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

BORING NO. 14A
Station 560+68.5
Offset 111ft RT
Ground Surface Elev. 726.38 ft

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

Groundwater Elev.:
First Encounter 705.4 ft
Upon Completion * ft
After 24 Hrs. 720.6 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray CLAY LOAM TILL *(continued)*			
	9	2.9	13
	13	B	
-85	6		
	10	3.1	13
	15	B	
-90	12		
	15	5.6	11
	22	B	
-95	6		
	7	3.1	11
	13	B	
-100	5		
Gray CLAY LOAM TILL *(continued)*			
625.38			
Gray SILTY LOAM			
-105	8		
	11	1.2	23
	12	B	
Organics @ 106 ft			
616.88			
Brown SILTY LOAM w/ organics			
-110	10		
	13	1.6	24
	25	S	
611.88			
-115	5		
Green-Gray CLAY			
Sand seam @ 114.5 ft			
	18	3.9	18
	16	B	
606.88			
Brown and Gray CLAY			
-120	7		

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)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Date 4/6/98

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

SECTION (90-14)R LOCATION Morton, IL, SEC. 17, TWP. 25N, RNG. 3W, 3rd PM.
Latitude 40° 37' 16.22967" N, Longitude 89° 28' 36.55488" W

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE Automatic

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

BORING NO. 14A
Station 560+68.5
Offset 111ft RT
Ground Surface Elev. 726.38 ft

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

Groundwater Elev.:
First Encounter 705.4 ft
Upon Completion * ft
After 24 Hrs. 720.6 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown and Gray CLAY *(continued)*			
	12	6.2	19
	19	B	
601.88			
Gray CLAY LOAM Till			
-125	6		
	7	1.5	14
	13	B	
600.38			
*Unobtainable due to muddy conditions. End of Boring			
-130			
-135			
-140			

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)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Date 6/3/97

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, 3rd PM.
Latitude 40° 37' 16.91331" N, Longitude 89° 28' 39.79740" W

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE Automatic

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

BORING NO. B-01
Station 558+34
Offset 0ft CL
Ground Surface Elev. 748.29 ft

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

Groundwater Elev.:
First Encounter - ft
Upon Completion None ft
After 3* Hrs. 721.6 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SITLY CLAY LOAM (Fill) 747.96			
Gray CLAY LOAM (Fill) 747.29			
Brown SAND (Fill)			
			11
			7
-5			
			7
-10			
			7
-15			
731.29			
Brown CLAY LOAM / LOAM with some COARSE GRAVELS (Fill)			
-20			
Brown CLAY LOAM / LOAM with some COARSE GRAVELS (Fill) *(continued)*			8
724.29			
Dark Gray CLAY LOAM			
-25			
			18
719.29			
* 726.6'@24 hr, 726.8'@48 hr, 748.29'@72 hr w/ rain, 729.7'@144 hr, 729.3'@168 hr, & 727.6'@192 hr 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)

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Alfred Benesch & Company
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Chicago, Illinois 60601
312-565-0450 Job No. 10056

FILE NAME = 0900167_68620_61_log8.dgn	USER NAME = mbecker	DESIGNED - MFB	REVISED -
		CHECKED - MRB	REVISED -
	PLOT SCALE =	DRAWN - PRT	REVISED -
	PLOT DATE = 7/16/2012	CHECKED - MRB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS 8 OF 10
STRUCTURE NO. 090-0167
SHEET NO. SB61 OF SB65 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-(14R;(14HB-4,14,14HVB)BR)	TAZEWELL	2433	1972
		CONTRACT NO. 68620		
	ILLINOIS	FED. AID PROJECT		

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