Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Date 9/27/96

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, 3rd PM.
Latitude 40° 37' 17.45866" N, Longitude 89° 28' 39.42827" W

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE Automatic

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

BORING NO. 11
Station 558+71.5
Offset 49.5ft LT
Ground Surface Elev. 751.72 ft

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

Groundwater Elev.:
First Encounter 715.2 ft ▼
Upon Completion * ft
After 72 Hrs. 718.7 ft ▽

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray CLAY LOAM Till *(continued)*			6	B	
	667.72				
Dark Brown PEAT			3		
		-85	5 11	1.7 S	48
	662.72				
Gray CLAY LOAM Till			4		
Peat and some Silt seams at 89 ft		-90	6 8	1.9 B	14
		-95	3 5 8	1.5 B	14
		-100	3 5	1.5	14

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray CLAY LOAM Till *(continued)*	651.22		7	B	
* Unobtainable due to muddy conditions End of Boring					
		-105			
		-110			
		-115			
		-120			

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
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SOIL BORING LOG

Date 9/24/96

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, 3rd PM.
Latitude 40° 37' 16.40350" N, Longitude 89° 28' 39.89823" W

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE Automatic

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

BORING NO. 12
Station 558+17.5
Offset 49.5ft RT
Ground Surface Elev. 751.73 ft

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

Groundwater Elev.:
First Encounter 715.2 ft ▼
Upon Completion ** ft
After 24* Hrs. 696.3 ft ▽

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
0.0-1.5 ft Pavement and CA 06					
Gray CLAY LOAM (Fill)			3		
		-5	3 4	2.5 B	13
			3		
			3 3	2.1 B	12
			2		
		-10	3 3	1.7 S	13
			3		
			6 8	3.9 S	11
	737.73				
Gray and Brown CLAY LOAM (Fill)			2		
		-15	3 5	1.4 S	13
	735.23				
Gray and Brown CLAY LOAM and SILTY CLAY LOAM Seams (Fill)			1		
			3 6	1.7 B	14
			3		
		-20	4	2.5	15

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray and Brown CLAY LOAM and SILTY CLAY LOAM Seams (Fill) *(continued)*			7	B	
			2		
			4 7	1.9 S	14
	727.73				
Brown some Gray SILTY CLAY LOAM (Fill)			2		
		-25	5 6	1.6 S	19
	725.23				
Brown SILTY CLAY LOAM (Fill)			3		
			4 6	3.3 S	15
	722.73				
Greenish Gray w/ trace Brown SILTY CLAY LOAM/SILTY CLAY (Fill)			3		
		-30	3 5	1.8 S	28
	720.23				
Brown and Gray SILTY CLAY			1		
			2 4	0.6 B	27
	717.73				
Brown & Light Gray SILTY CLAY LOAM			1		
		-35	2 4	0.4 B	25
Trace H2O	715.23 ▼				
Brown w/ trace Gray SILTY LOAM			1		
			2 2	0.2 B	25
	712.73				
Gray CLAY LOAM Till			2		
		-40	4	1.2	16

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Station 558+75.28

BORING NO. 12
Station 558+17.5
Offset 49.5ft RT
Ground Surface Elev. 751.73 ft

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

Groundwater Elev.:
First Encounter 715.2 ft ▼
Upon Completion ** ft
After 24* Hrs. 696.3 ft ▽

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray CLAY LOAM Till *(continued)*		5	B	
		2		
		3 5	1.6 B	15
		2		
	-45	3 6	1.8 S	22
Organic seam at 45.25 ft				
		2		
		4 6	2.1 S	14
		3		
	-50	5 7	2.1 B	18
Organic seam at 50.5 ft				
		2		
		4 5	2.0 B	14
		3		
	-55 ▽	4 6	1.9 B	14
		2		
		4 5	1.6 B	14
		2		
	-60	4	1.7	14

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray CLAY LOAM Till *(continued)*		4	B	
		3		
		4 4	1.7 B	14
		2		
	-65	6 9	1.4 B	14
		2		
		4 5	1.7 B	14
		2		
	-70	3 5	1.8 B	14
		1		
		3 5	1.7 B	14
		2		
	-75	3 5	1.7 B	14
		3		
		4 5	1.6 B	14
		4		
	-80	5	1.7	14

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10056

FILE NAME = 0900167_68620_57_log4.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 4 OF 10
STRUCTURE NO. 090-0167
SHEET NO. SB57 OF SB65 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-[14R;(14HB-4,14,14HVB)BR]	TAZEWELL	2433	1968
		CONTRACT NO. 68620		
		ILLINOIS FED. AID PROJECT		

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