Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

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' 17.04873" N, Longitude 89° 28' 38.77533" W

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE Automatic

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

BORING NO. B-02
Station 559+14
Offset 0ft CL
Ground Surface Elev. 748.10 ft

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

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

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Dark Gray SILTY CLAY LOAM (Fill)			24
747.35			
Gray CLAY LOAM (Fill)			11
746.85			
Brown SAND (Fill)			
-5			9
738.60			
Brown SAND (Fill)			
-10			8
-15			8
728.60			
Brown Gravelly SAND (Fill)			
-20			
Brown Gravelly SAND (Fill) *(continued)*			8
723.60			
Gray CLAY LOAM (Fill)			
-25			14
721.10			
Dark Gray SILTY CLAY / SILTY CLAY LOAM			9
719.10			18
* None @24 hr, None @48 hr, 748.1'@72 hr w/ rain, 732.2'@144 hr, 732.0'@168 hr, 731.2'@192 hr			
-30			
End of Boring			
-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)

Illinois Department of Transportation
Division of Highways
Wang Engineering, Inc.
FAI 74 (I-74)/FAI 155 (I-155)

SOIL BORING LOG

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Date 11/8/09

ROUTE FAI 74 (I-74)/FAI 155 (I-155) DESCRIPTION I-74 over Jefferson St. LOGGED BY C. Marin

SECTION (90-14)R LOCATION Morton, IL, SEC. 17, TWP. 25 N, RNG. 3 W, 3rd PM.
Latitude , Longitude

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE Automatic

STRUCT. NO. EX 090-0168 (WB)
EX 090-0167 (EB)
Station 559+18.96

BORING NO. TB-201
Station 558+38.0
Offset 121.03ft LT
Ground Surface Elev. 728.15 ft

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

Groundwater Elev.:
First Encounter 703.2 ft
Upon Completion 703.2 ft
After * Hrs. * ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black SILTY CLAY LOAM			
--TOPSOIL--			
--Auger cutting sample--	3		
	3		33
	3	NR	
724.40			
Very soft to medium stiff, brown SILTY LOAM	1		
-5	2	<0.25	30
	2	P	
	0		
	1	0.6	27
	3	B	
719.40			
Stiff, brown to reddish brown SILTY CLAY LOAM (Consistency of the layer increased with depth) A-4 (6) LL=27% PL=20%	1		
-10	2	NP	23
	2		
	2		
	4	1.0	23
	5	B	
715.15			
Stiff to very stiff, dark gray SILTY CLAY LOAM, with dolostone rock fragments	2		
	4	2.0	16
-15	6	P	
A-6 (9) LL=29% PL=13%	3		
	6	1.0	16
	9	P	
	5		
	8	1.3	14
-20	12	B	
Stiff to very stiff, dark gray SILTY CLAY LOAM, with dolostone rock fragments *(continued)*			
	5		
	9	2.3	20
	10	P	
	4		
	7	2.5	17
-25	9	B	
	5		
	9	3.5	15
	12	P	
	3		
	6	3.5	16
	9	P	
698.15 -30			
End of Boring			
-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)

Illinois Department of Transportation
Division of Highways
Wang Engineering, Inc.
FAI 74 (I-74)/FAI 155 (I-155)

SOIL BORING LOG

Page 1 of 1

Date 11/18/09

ROUTE FAI 74 (I-74)/FAI 155 (I-155) DESCRIPTION I-74 over Jefferson St. LOGGED BY C. Marin

SECTION (90-14)R LOCATION Morton, IL, SEC. 17, TWP. 25 N, RNG. 3 W, 3rd PM.
Latitude , Longitude

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE Automatic

STRUCT. NO. EX 090-0168 (WB)
EX 090-0167 (EB)
Station 559+18.96

BORING NO. TB-202
Station 559+09.3
Offset 145.85ft RT
Ground Surface Elev. 724.80 ft

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

Groundwater Elev.:
First Encounter 706.8 ft
Upon Completion 704.8 ft
After * Hrs. * ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
12-inch thick, dark brown, CLAY LOAM			
--TOPSOIL--	2		
723.80			
Stiff to very stiff, dark brown to black CLAY LOAM	1	1.0	33
	2	P	
	0		
	1	2.6	26
-5	3	S	
718.55			
Stiff, brown and gray SILTY CLAY	2		
	3	1.6	29
	3	B	
716.80			
Very soft to soft, brown and gray SILT	1		
	1	0.4	42
-10	2	B	
A-6 (12) LL=32% PL=20%	1		
	1	<0.25	28
	2	P	
	1		
	1	<0.25	35
-15	2	P	
708.55			
Stiff, gray SILTY LOAM	2		
	4	1.4	16
	5	P	
	1		
	3	1.9	15
-20	3	B	
Stiff, gray SILTY LOAM *(continued)*			
	1		
	3	1.0	16
	4	B	
701.80			
Stiff to very stiff, gray CLAY LOAM	3		
	4	1.9	14
	6	B	
-25			
	3		
A-6 (6) LL=27% PL=13%	4	2.3	15
	6	B	
	3		
	4	2.1	12
	6	B	
694.80 -30			
End of Boring			
-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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		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 9 OF 10
STRUCTURE NO. 090-0167
SHEET NO. SB62 OF SB65 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-[14R;14HB-4,14,14HVB]BR]	TAZEWELL	2433	1973
		CONTRACT NO. 68620		
		ILLINOIS FED. AID PROJECT		

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