SIGN CONTRACT 46214 LOCATION 2-03 2C081I0741003.6

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

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ROUTE FAP 595 DESCRIPTION 081-0097, 081-0098 P92-040-11 Bridge over I-74, John Deere Road over I-74, .25 m. E. of 27th Street Date 1/28/05

LOGGED BY W. Garza

SECTION 142-R LOCATION S. Moline Twp. - 16 NE, SEC., TWP. 17N, RNG. 1W

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 081-0097, 0098
Station 250+02.98

BORING NO. B-1a
Station 249+86
Offset 90.00ft Rt CL
Ground Surface Elev. 576.50 ft

Surface Water Elev. ____ ft
Stream Bed Elev. ____ ft

Groundwater Elev.:
First Encounter 564.0 ft
Upon Completion 553.5 ft
After ____ Hrs. ____ ft

Description	Elev.	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
MEDIUM brown SILTY LOAM				0.5 P	19.0
	574.00		8		
HARD gray SILTY LOAM			10 13	4.5 P	16.0
	572.50				
STIFF dark gray CLAY LOAM		-5	4		
			5 7	1.5 P	27.0
	570.00				
MEDIUM dark gray CLAY LOAM			2		
			2 4	0.7 B	32.0
	567.50				
STIFF gray SILTY LOAM		-10	1		
			2 3	1.3 P	28.0
	565.00				
MEDIUM gray SILTY CLAY			1		
			1 3	0.5 B	29.0
	562.50				
MEDIUM gray SILTY CLAY		-15	1		
			1 1	0.5 B	36.0
	559.50				
MEDIUM gray fine SAND			1		
			6 6		
	557.00	-20			
DENSE gray SHALE			18		
			22 26		
	555.00				
VERY DENSE gray SHALE			100/1" PEN		
Auger Refusal @ 23.5					
End of Boring	552.50	-25			
		-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, from 137 (Rev. 8-99)

2S037I0741015.2

SIGN CONTRACT 46214
LOCATION 2-04

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

ROUTE I-74 DESCRIPTION I-74 Sign Truss Sign Truss, NB I-74, 1.1 m. S. of I-80 Date 2/9/12

LOGGED BY W. Garza

SECTION ____ LOCATION Colona Twp. - 24NW, SEC., TWP. 17N, RNG. 1E

COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 78
Station ____

BORING NO. B-2
Station 11' S
Offset 43.00ft W of NB CL
Ground Surface Elev. 96.80 ft

Surface Water Elev. ____ ft
Stream Bed Elev. ____ ft

Groundwater Elev.:
First Encounter None ft
Upon Completion Dry ft
After ____ Hrs. ____ ft

Description	Elev.	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
STIFF brown SILTY CLAY LOAM				2.0 P	24.0
	94.80				
SOFT tan SILTY LOAM			3		
			4 4	0.3 B	28.0
	93.30				
VERY SOFT tan SILTY LOAM		-5	2		
			3 3	0.2 B	26.0
	90.80				
SOFT tan SILTY LOAM			2		
			2 4	0.3 B	24.0
	88.30				
MEDIUM light gray SILTY LOAM		-10	2		
			3 3	0.5 B	24.0
	85.80				
STIFF tan SILTY LOAM			1		
			4 5	1.0 B	25.0
	83.30				
MEDIUM gray SILT		-15	3		
			4 5	0.5 B	25.0
	80.80				
SOFT gray SILT			1		
			4 6	0.4 B	27.0
	78.30				
MEDIUM gray SILTY LOAM		-20	1		
MEDIUM gray SILTY LOAM *(continued)*			2 2	0.5 B	27.0
	75.80				
STIFF gray SILTY CLAY			1		
			3 4	1.2 B	26.0
	73.30				
STIFF gray SILTY CLAY LOAM with SAND lens		-25	2		
			3 4	1.1 B	21.0
	70.80				
SOFT olive green LOAM			2		
			3 4	0.3 P	20.0
	68.30				
HARD tan LOAM TILL		-30	6		
			11 16	4.6 S	12.0
	65.80				
HARD gray TILL with SHALE fragments			7		
			13 21	5.0 B	12.0
	63.30				
HARD gray CLAY LOAM TILL		-35	9		
			13 21	8.7 S	10.0
	60.80				
End of Boring		-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, from 137 (Rev. 8-99)

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -		Various	D-2 OVD SIN STR REPL 13-01	Various	25	24
	PLOT SCALE =	DRAWN -	REVISED -				CONTRACT NO. 46214		
	PLOT DATE =	CHECKED -	REVISED -				ILLINOIS FED. AID PROJECT		