Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 12/16/09

ROUTE FAI 474 (Airport Road) DESCRIPTION Overhead Sign Truss NB Airport Rd LOGGED BY Mike(GSG)

SECTION 72(1,2,3,4)SG LOCATION Peoria West Quadrangle, SW 1/4, SEC. 14, TWP. 8N, RNG. 7E, 4th PM.
Latitude , Longitude

COUNTY Peoria DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. EXIST S.N. 4S0721474R004.96
Station 181+00

BORING NO. 18109
Station 181+09
Offset 0ft (on Median CL)
Ground Surface Elev. 646.20 ft

Surface Water Elev. - ft
Stream Bed Elev. - ft

Groundwater Elev.:
First Encounter - ft
Upon Completion - ft
After -- Hrs. - ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown SILTY CLAY LOAM, trace organics			
	5		
	7	4.0	19
	9	P	
642.70			
Brown & Gray SILTY LOAM, trace organics	5		
-5	9	6.5	18
	12	P	
	7		
	12	5.0	22
	14	P	
637.70			
Brown & Gray SILTY CLAY LOAM, trace organics	5		
	7	3.5	22
-10	9	P	
635.20			
Brown & Gray SILTY LOAM, trace organics	2		
	3	0.2	26
	4	B	
	2		
	3	0.2	25
-15	3	B	
	3		
	4	0.2	28
	5	B	
	2		
	3	0.2	29
-20	3	B	
Brown & Gray SILTY LOAM, trace organics (continued) 625.20			
Brown & Gray CLAY	2		
	4	2.2	21
	4	S	
	4		
	5	2.2	24
-25	7	S	
	5		
	7	2.5	26
	9	S	
617.20	7		
Dk. Brown & Gray SILTY CLAY LOAM 616.20	12	3.3	24
-30	14	S	
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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Latitude , Longitude

COUNTY Peoria DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. EXIST S.N. 4S0721474R004.96
Station 181+00

BORING NO. 18113
Station 181+13
Offset 63ft RT
Ground Surface Elev. 642.40 ft

Surface Water Elev. - ft
Stream Bed Elev. - ft

Groundwater Elev.:
First Encounter - ft
Upon Completion - ft
After -- Hrs. - ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown SILTY LOAM, trace organics			
	12		
6" layer of black sand & gravel	5		19
	7		
	5		
gray silty loam seam 4'-5'	7	2.7	20
-5	8	S	
636.40			
Brown & Gray SILT	9		
	8	0.9	19
	8	B	
	3		
	4	2.3	22
-10	4	P	
631.40			
Brown & Gray SILTY LOAM, trace organics	3		
	3	1.0	29
	4	P	
	2		
	3	1.3	26
-15	5	P	
626.40			
Brown & Gray SILTY CLAY LOAM, trace organics	3		
	4	1.3	27
	6	P	
	2		
	3	0.6	25
-20	4	B	
Brown & Gray SILTY CLAY LOAM, trace organics (continued) 621.40			
Brown & Gray CLAY	4		
	5	2.2	24
	7	S	
	4		
	5	2.5	28
-25	7	S	
615.90	5		
Dk. Brown SILTY LOAM	10	3.0	22
	15	S	
	5		
	11	3.8	21
612.40 -30	16	S	
End of Boring			
-35			
-40			

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BBS, form 137 (Rev. 8-99)

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-

- 20

EXAMINED

PASSED

ENGINEER OF BRIDGE DESIGN

ENGINEER OF BRIDGES AND STRUCTURES