Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

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Date 1/19/05

ROUTE VARIOUS ROUTES DESCRIPTION EB I-474 approx 2 mi. west of 474/74 interchange Taz. Co LOGGED BY JAR

SECTION Sign Trusses LOCATION , SEC., TWP., RNG.

COUNTY Peoria & Tazewell DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTO

STRUCT. NO. 4S090I474RS12.7
Station

BORING NO. 18
Station 20+981
Offset 14.80ft Right of CL
Ground Surface Elev. 734.35 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter none ft
Upon Completion none ft
After 24 Hrs. 729.5 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown, Light Brown SILTY LOAM			3		
			7	2.5	17.9
			7	P	
	730.35				
Brown CLAY LOAM			1		
		-5	3	1.0	20.9
			4	B	
	727.85				
Brown, Grey SILTY LOAM			2		
			4	1.3	21.5
			6	B	
	725.35				
Brown CLAY LOAM			2		
		-10	3	1.7	14.4
			6	B	
	722.85				
Brown, Grey CLAY LOAM TILL			3		
			6	1.7	13.1
			8	B	
			1		
		-15	4	1.7	13.8
			5	B	
			2		
			3	1.4	14.1
			6	B	
poor recovery (rock)			5		
		-20	6	1.4	14.8
Brown, Grey CLAY LOAM TILL (continued)			7	P	
			3		
			5	1.6	13.9
			6	B	
			2		
		-25	5	1.6	13.8
			6	B	
			2		
			5	1.6	14.1
			6	B	
			2		
		-30	5	1.2	14.5
	703.85		6	B	
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)

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Date 1/18/05

ROUTE VARIOUS ROUTES DESCRIPTION EB I-474 approx 2 mi. west of 474/74 interchange Taz. Co LOGGED BY JAR

SECTION Sign Trusses LOCATION , SEC., TWP., RNG.

COUNTY Peoria & Tazewell DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTO

STRUCT. NO. 4S090I474RS12.7
Station

BORING NO. 19
Station 20+988
Offset 72.10ft Right of CL
Ground Surface Elev. 734.85 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter none ft
Upon Completion 715.1 ft
After 24 Hrs. 732.8 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown CLAY LOAM			2		
			3	2.3	23.4
			5	B	
	730.85				
Brown SANDY CLAY LOAM			1		
		-5	1	0.5	27.4
			1	P	
	728.35				
Grey CLAY LOAM TILL			3		
			5	3.3	14.7
			9	B	
			2		
		-10	5	3.3	13.3
			7	B	
			2		
			4	1.7	14.4
			6	B	
			2		
		-15	4	1.7	15.1
			6	B	
			2		
			4	1.6	14.6
			6	B	
			2		
		-20	4	1.2	10.2
Grey CLAY LOAM TILL (continued)			5	B	
			3		
			4	1.7	14.4
			6	B	
			3		
		-25	4	1.7	14.4
			6	B	
			3		
			5	1.7	14.4
			6	B	
			3		
		-30	5	1.5	14.1
	704.35		7	B	
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)