Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

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	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

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
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
		6	B	
703.85 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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Page 1 of 1

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	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

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
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
		7	B	
704.35 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)