Illinois Department of Transportation
Division of Highways
IDOT – Region 3, Dist. 5

SOIL BORING LOG

Page 1 of 1

Date 10-6-06

ROUTE FAS 1531 (Cisco Rd.) DESCRIPTION Box Culvert 3.5 Miles East of Cisco LOGGED BY CNA

SECTION 10B-1 & 11B-1 LOCATION , SEC. 17, TWP. 18N, RNG. SE, 3rd PM GPS:

COUNTY Piatt DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 074-0049
Station 241+65

BORING NO. 1 NE Boring
Station 241+87
Offset 14.0 ft Lt.
Ground Surface Elev. 685.1 ft

Surface Water Elev. ft
Stream Bed Elev. ft

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

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Black to Brown Silty Clay Loam (Backfill)			0		
			1	1.0	25
		-5	2		
	679.1				
Brown/Gray Mottled Silty Clay			1		
			1	0.5	20
			2		
			0		
			0		14
		-10	1		
	674.6				
Brown Dirty Coarse Sand to Silt			2		
			2		
(Drove Sampler on Rock – No Sample)			50-3"		
	672.1				
Brown/Gray Sandy Clay Loam Till			2		
			2	1.8	12
		-15	4	B	
	669.1				
Gray Sandy Clay Loam Till			4		
			8	3.9	9
			17	S	
			4		
			12	5.4	10
		-20	13	B	
Gray Sandy Clay Loam Till (continued)			4		
			8	6.8	9
			12	B	
	660.1	-25			
End of Boring					
		-30			
		-35			
		-40			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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)

DESIGNED - DAVID L. GREIFZU	EXAMINED Thomas J. Domagalski ENGINEER OF BRIDGE DESIGN	DATE - DECEMBER 8, 2010	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
CHECKED - MICHAEL D. ROLAPE			
DRAWN - MICHAEL B. MOSSMAN	PASSED Ralph E. Anderson ENGINEER OF BRIDGES AND STRUCTURES		
CHECKED - D.L.G. / M.D.R.			

SOIL BORING LOGS
STRUCTURE NO. 074-8606
SHEET NO. 5 OF 5 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1531	10B-1 & 11B-1	PIATT	88	27
		CONTRACT NO. 70458		
		ILLINOIS FED. AID PROJECT		