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

SOIL BORING LOG

Page 1 of 1

Date 8/14/06

ROUTE FAS 1531 (Old Rt. 47) DESCRIPTION Wolf Creek 2 Miles East of Cisco LOGGED BY CNA

SECTION 10B-1 & 11B-1 LOCATION SE, SEC. 13, TWP. 18N, RNG. 4E, 3rd PM GPS:

COUNTY Piatt DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 074-0017
Station 164+40

BORING NO. 1 NE Boring
Station 164+64
Offset 15.0 ft Lt.
Ground Surface Elev. 677.5 ft

Surface Water Elev. 668.2 ft
Stream Bed Elev. 667.2 ft

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

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Black/Brown Mottled Silty Clay Loam (Backfill)			2		
			2	2.0	26
		-5	3	S	
			1		
			2	1.2	26
			3	S	
			0		
			1		32
		-10	2		
	667.0				
Brown/Grey Mottled Silty Clay Loam			0		
			1	0.6	25
			1	B	
	664.5				
Grey Sand Loam to Silty Clay Loam with Trace Sand Mixed)			0		
			0		19
	662.5	-15	1		
Brown Sandy Clay Loam Till			4		
			6	5.4	12
			10	B	
	659.0				
Grey Sandy Clay Loam Till			3		
			6	4.6	12
		-20	10	S	
Grey Sandy Clay Loam Till (continued)			4		
			6	4.5	11
			11	B	
			3		
			7	4.7	12
		-25	10	B	
			2		
			5	3.9	13
	647.5	-30	7	B	
End of Boring					

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)

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

SOIL BORING LOG

Page 1 of 1

Date 8/14/06

ROUTE FAS 1531 (Old Rt. 47) DESCRIPTION Wolf Creek 2 Miles East of Cisco LOGGED BY RRW

SECTION 10B-1 & 11B-1 LOCATION SE, SEC. 13, TWP. 18N, RNG. 4E GPS:

COUNTY Piatt DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 074-0017
Station 164+40

BORING NO. 2 SW Boring
Station 164+17
Offset 17.0 ft Rt.
Ground Surface Elev. 677.5 ft

Surface Water Elev. 668.2 ft
Stream Bed Elev. 667.2 ft

Groundwater Elev.:
First Encounter 663.5 ft ▼
Upon Completion 666.0 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Brown Mottled Silty Clay Loam (Backfill)			1		
			2	0.8	19
		-5	2	B	
	669.5				
Grey Mottled Sandy Clay Loam			1		
			1		15
	667.5	-10	2		
Black Silty Clay Loam			0		
			0		32
			1		
	664.5				
Dark Grey Mottled Sandy Loam to Silty Clay Loam			0		
			1	0.6	21
		-15	1	B	
	661.5				
Grey Sandy Clay Loam Till			3		
			7	7.4	11
			8	B	
			3		
			8	7.4	11
		-20	11	B	
Grey Sandy Clay Loam Till (continued)			3		
			7	6.4	11
	652.5	-25	12	B	
End of Boring					

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. 074-2007
SHEET NO. 5 OF 5 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1531	10B-1 & 11B-1	PIATT	88	22
		CONTRACT NO. 70458		
	ILLINOIS FED. AID PROJECT			