

GEOCON geotechnical • environmental • materials consultants		LOG OF BORING NO. B-1 (North)								
Project Name: Proposed Bike Path Bridge Location: US Route 130 City: Urbana, Illinois		GEOCON Project No.: 83022 Date of Boring: 5-21-08 Field Representative: K. Rippey Drilling Method: HSA					Sheet 1 of 2			
Depth (ft)	Elevation (ft)	Material Description	Water Level (ft)	Sample Number	Sample Type	w-value (blow/foot)	Cu (pcf)	Mohr's Content (%)	Sample Recovery (%)	Remarks
0.0		Topsoil (0 - 4")								
		Fill - Clay Brown silty clay, very stiff, moist (F1)		1	U	9	2.26	2.4	16.7	14
		Silty Clay Brown and gray silty clay, trace organics, very stiff, moist		2	U	16	3.5	2.8	23.2	16
				3	U	23	3.0	2.4	16.4	16
				4	U	25	1.0	2.2	13.2	16
				5	U	22	1.8	2.4	11.4	18
		Sand - Gravel Gray fine to coarse sand, trace to little gravel, dense, wet		6	U	31	-	-	-	18
		Note: Heavy sand encountered between 17 to 28.5 feet.		7	U	-	-	-	-	No recovery due to heavy sand in the auger.

Completion Depth: 45 feet  
Water Level While Drilling: 17 feet  
Water Level Upon Completion: 0 feet  
Cave Depth: 16 feet  
Borehole Backfill: Soil Cuttings

Comments:  
Note: Heavy sand encountered between 17 to 28.5 feet while drilling.

Lines of Demarcation represent an approximate boundary between soil types. Variations may occur between sampling intervals and between boring locations, and the transition may be gradual. Dashed lines are indicative of potentially erratic or unknown changes.

3000 Research Road • Suite 1 • Champaign, Illinois 61822 • Phone 217.403.9990 • Fax 217.403.1559

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Depth (ft)	Elevation (ft)	Material Description	Water Level (ft)	Sample Number	Sample Type	w-value (blow/foot)	Cu (pcf)	Mohr's Content (%)	Sample Recovery (%)	Remarks
		Silt Gray silt, trace clay, dense, wet		8	U	90	-	-	-	18
		Silty Clay Gray silty clay, trace sand and gravel, stiff to hard, moist		9	U	35	1.5	2.0	6.9	18
		(interfused silt layers of sand encountered between 33 to 45 feet)		10	U	38	-	-	15.9	18
				11	U	54	3.5	7.8	11.9	16

Completion Depth: 45 feet  
Water Level While Drilling: 19 feet  
Water Level Upon Completion: 20 feet  
Cave Depth: 20 feet  
Borehole Backfill: Soil Cuttings

Comments:

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GEOCON geotechnical • environmental • materials consultants		LOG OF BORING NO. B-2 (South)								
Project Name: Proposed Bike Path Bridge Location: US Route 130 City: Urbana, Illinois		GEOCON Project No.: 83022 Date of Boring: 5-21-08 Field Representative: K. Rippey Drilling Method: HSA					Sheet 1 of 2			
Depth (ft)	Elevation (ft)	Material Description	Water Level (ft)	Sample Number	Sample Type	w-value (blow/foot)	Cu (pcf)	Mohr's Content (%)	Sample Recovery (%)	Remarks
0.0		Topsoil (0 - 4")								
		Fill - Clay Brown and dark brown silty clay, very stiff, moist (F1)		1	U	18	4.5	2.6	17.0	16
				2	U	9	2.5	-	14.7	14
		Silty Clay Brown and gray silty clay, medium stiff to very stiff, moist		3	U	9	2.0	2.2	15.8	16
				4	U	7	0.5	0.8	14.3	16
				5	U	14	1.5	2.2	11.7	18
		Clay - Sand Clay sandy clay to clayey sand, densest, very moist to wet		6	U	30	2.8	1.8	11.2	16
		Sand - Gravel Gray-brown fine to coarse sand, trace to little gravel, dense, wet		7	U	19	-	-	-	18

Completion Depth: 45 feet  
Water Level While Drilling: 19 feet  
Water Level Upon Completion: 20 feet  
Cave Depth: 20 feet  
Borehole Backfill: Soil Cuttings

Comments:

Lines of Demarcation represent an approximate boundary between soil types. Variations may occur between sampling intervals and between boring locations, and the transition may be gradual. Dashed lines are indicative of potentially erratic or unknown changes.

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GEOCON geotechnical • environmental • materials consultants		LOG OF BORING NO. B-2 (South)								
Project Name: Proposed Bike Path Bridge Location: US Route 130 City: Urbana, Illinois		GEOCON Project No.: 83022 Date of Boring: 5-21-08 Field Representative: K. Rippey Drilling Method: HSA					Sheet 2 of 2			
Depth (ft)	Elevation (ft)	Material Description	Water Level (ft)	Sample Number	Sample Type	w-value (blow/foot)	Cu (pcf)	Mohr's Content (%)	Sample Recovery (%)	Remarks
		Silty Clay Gray silty clay, trace sand and gravel, stiff to hard, moist		8	U	13	3.0	2.2	10.7	18
		(coarse thin layers of sand encountered between 28 to 45 feet)		9	U	15	1.6	1.8	14.6	18
				10	U	13	1.6	3.0	14.0	14
				11	U	31	4.0	5.6	12.5	16

Completion Depth: 45 feet  
Water Level While Drilling: 19 feet  
Water Level Upon Completion: 20 feet  
Cave Depth: 20 feet  
Borehole Backfill: Soil Cuttings

Comments:

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FILE NAME = 102000.S\_03\_HYB.dgn

USER NAME = RJT  
PLOT SCALE = 8d 1/4" / IN.  
PLOT DATE = 1/24/2011 10:38:55 AM

DESIGNED - RDP 10/10  
CHECKED - ELH 10/10  
DRAWN - KAH 12/10  
CHECKED - RDP 12/10

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SOIL BORING LOGS**

SHEET NO. 3 OF 3 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00416-00-BT	CHAMPAIGN	3	3
		CONTRACT NO.		
ILLINOIS FED. AID PROJECT AID				