GEOCON PROFESSIONAL SERVICES

LOG OF BORING NO. B-1

Project Name: Bridge Replacement - SN 092-3111
Location: 2800 N Road
City: Vermilion County, Illinois

GEOCON Project No.: 11-G395
Date of Boring: 8-17-11
Field Representative: NJ/KR
Drilling Method: Hollow Stem Auger
Sheet 1 of 2

Depth (ft)	Elevation (ft)	Graphic Log	Material Description	Water Level (ft)	Sample Number	Sample Type	N-value (blows/foot)	Qp (tsf)	Qu (tsf)	Moisture Content (%)	Sample Recovery (in)	Remarks
	99.7		Ground Surface									
0	98.7		**Oil Chip - 1.5"** **Gravel Base - 10.5"**									
			POSSIBLE CLAY FILL Dark gray to brown silty clay, trace sand, moist, very stiff		1		10	2.0	--	25.0	10	
	96.7		**SILTY CLAY** Brown and gray silty clay, trace sand and gravel, moist, soft to hard		2		6	1.5	2.0	24.5	14	
5					3		3	0.5	0.8	24.0	16	
					4		13	4.0	7.6	20.3	18	
10	89.2		**SILTY CLAY** Gray silty clay, trace sand and gravel, moist, very stiff to hard		5		8	1.75	2.4	14.8	16	
					6		11	3.0	4.6	12.7	16	
15					7		16	3.25	6.0	12.2	16	
20				∇ While Drilling	8		15	3.5	8.0	14.2	18	
	77.2		**SAND** Gray fine sand, wet, dense									
25	73.7				9		26	--	--	19.1	18	

Completion Depth: 50 feet
Water Level While Drilling: 22.5 feet
Water Level Upon Completion: none above cave
Cave Depth: 20 feet
Borehole Backfill: Soil Cuttings

Comments:
Elevation Benchmark: Center pin on bridge, elevation 100.0 feet.
Boring located approx. 30 feet east of bridge centerline on north edge of road.

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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			SILTY CLAY Gray silty clay, trace sand and gravel, moist, very stiff									
30					10		10	2.5	3.2	11.7	18	
	67.7		**CLAYEY SAND** Gray clayey sand, with gravel, moist, very dense									
35					11		85	--	--	9.4	18	
	62.7		**SANDY CLAY** Gray sandy clay, trace gravel, moist, hard									
40					12		20	3.5	4.0	9.1	18	
45					13		16	--	--	8.9	18	
50	49.7		End of Boring		14		88	--	--	11.3	18	
55												

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