

Lake Cook Bike Path Glencoe, IL										Boring No.	B-1	
										Project ID:	CBEL201	
										Drafter:	J. Smith	
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Driller:	Strata	Drilling Started:	5/22/2012	Water Level During:	8'						Water Level After:	15'
Drill Rig:	DR3	Drilling Completed:	5/22/2012									
Sample Recovery in	Blow Count	Depth, ft	Graphic Log	Material Description	Q _u , tsf	W _c , %	T _d , pcf	MS	Remarks			
		1		No Sample					Hand Dug due to utilities			
		2										
		3										
1	12"	4		Gray/brown silty clay, trace sand, tough FILL (CL)	1.5	20.7	65.4	SS				
		5										
2	18"	5		Brown/trace gray silty clay, trace sand, root hairs, tough CLAY (CL)	1.5	26.4	--	SS				
		6										
3	18"	12		Brown/trace gray silty clay, trace sand, root hairs, hard CLAY (CL)	4.0	--	--	SS				
		10										
4	15"	16		Gray silty clay, trace sand, trace gravel, very tough CLAY (CL)	3.5	16.9	--	SS				
		12										
5	18"	8		Gray clayey silt, trace sand, wet SILT (ML)	--	18.6	--	SS				
		17										
6	18"	14		Gray silty clay, trace sand, silt seams, very tough CLAY (CL)	2.5	15.3	--	SS				
		21										
		22										
		23										
		24										
		25										

continued

Lake Cook Bike Path Glencoe, IL										Boring No.	B-1	
										Project ID:	CBEL201	
										Drafter:	J. Smith	
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Driller:	Strata	Drilling Started:	5/22/2012	Water Level During:	8'						Water Level After:	15'
Drill Rig:	DR3	Drilling Completed:	5/22/2012									
Sample Recovery in	Blow Count	Depth, ft	Graphic Log	Material Description	Q _u , tsf	W _c , %	T _d , pcf	MS	Remarks			
7	18"	9		Gray silty clay, trace sand, silt seams, very tough CLAY (CL)	2.75	--	--	SS				
		26										
		27										
		28										
		29		Gray clayey silt, trace sand, damp SILT (CL-ML)	2.0	18.1	--	SS				
8	18"	7										

EOB

Legend:
 Water Level While Sampling
 Estimated Unconfined Compressive Strength Based Upon Calibrated Penetrometer Reading, tons/ft²
 W_c Moisture Content, %
 T_d Dry Density, pounds/ft³
 Water Level After Drilling
 MS Method of Sampling
 SS Split Spoon
 ST Shelby Tube
 HA Hand Auger

Lake Cook Bike Path Glencoe, IL										Boring No.	B-2	
										Project ID:	CBEL201	
										Drafter:	J. Smith	
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Driller:	Strata	Drilling Started:	5/22/2012	Water Level During:	7.5'						Water Level After:	17'
Drill Rig:	DR3	Drilling Completed:	5/22/2012									
Sample Recovery in	Blow Count	Depth, ft	Graphic Log	Material Description	Q _u , tsf	W _c , %	T _d , pcf	MS	Remarks			
		1		No Sample					Hand Dug due to utilities			
		2										
		3										
1	15"	4		Brown clayey sand and gravel, very loose FILL (SC-GC)	--	--	--	SS				
		5										
2	18"	6		Dark brown clayey topsoil, tough and Gray/trace brown silty clay, trace sand, very soft FILL (OL, CL)	1.0 / 0.25	32.4	--	SS				
		7										
3	18"	5		Gray/trace brown silty clay, trace sand, trace gravel, tough CLAY (CL)	1.0	20.4	--	SS				
		9										
4	18"	15		Brown/gray silty clay, trace sand, very tough CLAY (CL)	2.75	--	--	SS				
		11										
5	18"	21		Gray silty clay, trace sand, silt, seams, very tough CLAY (CL)	3.0	23.1	--	SS				
		16										
6	18"	10		Gray silty clay, trace sand, tough CLAY (CL)	1.25	21.4	--	SS				
		21										
		22										
		23										
		24										
		25										

continued

Lake Cook Bike Path Glencoe, IL										Boring No.	B-2	
										Project ID:	CBEL201	
										Drafter:	J. Smith	
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Driller:	Strata	Drilling Started:	5/22/2012	Water Level During:	7.5'						Water Level After:	17'
Drill Rig:	DR3	Drilling Completed:	5/22/2012									
Sample Recovery in	Blow Count	Depth, ft	Graphic Log	Material Description	Q _u , tsf	W _c , %	T _d , pcf	MS	Remarks			
7	18"	9		Gray silty clay, trace sand, very tough CLAY (CL)	3.0	26.4	82.2	SS				
		26										
		27										
		28										
		29		Gray silty clay, trace sand, tough CLAY (CL)	1.0	19.8	--	SS				
8	18"	12										

EOB

Legend:
 Water Level While Sampling
 Estimated Unconfined Compressive Strength Based Upon Calibrated Penetrometer Reading, tons/ft²
 W_c Moisture Content, %
 T_d Dry Density, pounds/ft³
 Water Level After Drilling
 MS Method of Sampling
 SS Split Spoon
 ST Shelby Tube
 HA Hand Auger

Lake Cook Bike Path Glencoe, IL										Boring No.	B-3	
										Project ID:	CBEL201	
										Drafter:	J. Smith	
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Driller:	Strata	Drilling Started:	5/22/2012	Water Level During:	15'						Water Level After:	15'
Drill Rig:	DR3	Drilling Completed:	5/22/2012									
Sample Recovery in	Blow Count	Depth, ft	Graphic Log	Material Description	Q _u , tsf	W _c , %	T _d , pcf	MS	Remarks			
		1		No Sample					Hand Dug due to utilities			
		2										
		3										
1	15"	13		Brown/gray/trace dark gray sandy clay, trace gravel, trace roots, very tough FILL (CL)	2.25	16.7	--	SS				
		4										
2	15"	8		Brown/gray silty clay, little sand, trace gravel, tough FILL (CL)	1.5	22.4	--	SS				
		7										
3	18"	10		Brown/trace gray sandy silty clay, trace gravel, tough CLAY (CL)	1.0	20.2	--	SS				
		9										
4	15"	8		Brown/trace gray silty clay, trace sand, trace gravel, tough CLAY (CL)	1.5	25.9	--	SS				
		11										
5	18"	24		Gray silty clay, trace sand, trace gravel, very tough CLAY (CL)	2.5	18.8	--	SS				
		16										
		17										
		18										
		19										
		20										
6	18"	14		Gray silty clay, trace sand, very tough CLAY (CL)	2.0	--	--	SS				
		21										
		22										
		23										
		24										
		25										

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Lake Cook Bike Path Glencoe, IL										Boring No.	B-3	
										Project ID:	CBEL201	
										Drafter:	J. Smith	
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Driller:	Strata	Drilling Started:	5/22/2012	Water Level During:	15'						Water Level After:	15'
Drill Rig:	DR3	Drilling Completed:	5/22/2012									
Sample Recovery in	Blow Count	Depth, ft	Graphic Log	Material Description	Q _u , tsf	W _c , %	T _d , pcf	MS	Remarks			
7	18"	10		Gray silty clay, trace sand, tough CLAY (CL)	1.5	24.8	--	SS				
		26										
		27										
		28										
		29										
8	18"	11										

EOB

Legend:
 Water Level While Sampling
 Estimated Unconfined Compressive Strength Based Upon Calibrated Penetrometer Reading, tons/ft²
 W_c Moisture Content, %
 T_d Dry Density, pounds/ft³
 Water Level After Drilling
 MS Method of Sampling
 SS Split Spoon
 ST Shelby Tube
 HA Hand Auger

Lake Cook Bike Path Glencoe, IL										Boring No.	B-4	
										Project ID:	CBEL201	
										Drafter:	J. Smith	
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Driller:	Strata	Drilling Started:	5/22/2012	Water Level During:	30'						Water Level After:	30'
Drill Rig:	DR3	Drilling Completed:	5/22/2012									
Sample Recovery in	Blow Count	Depth, ft	Graphic Log	Material Description	Q _u , tsf	W _c , %	T _d , pcf	MS	Remarks			
		1		No Sample					Hand Dug due to utilities			
		2										
		3										
1	10"	5		Black/brown/gray silty clay, trace sand, roots FILL (CL) Poor Recovery	NP	--	--	SS				
		4										
2	18"	8		Brown/gray silty clay, trace sand, trace gravel, tough CLAY (CL)	1.25	22.5	--	SS				
		6										
3	18"	11		Brown silty clay, trace sand, trace gravel, hard CLAY (CL)	4.5	15.5	--	SS				
		9										
4	18"	21		Gray/trace brown silty clay, trace sand, trace gravel, very tough CLAY (CL)	3.25	--	--	SS				
		11										
5	18"	10		Gray silty clay, trace sand, trace gravel, tough CLAY (CL)	1.25	18.6	--	SS				
		16										
		17										
		18										
		19										
		20										
6	18"	12		Gray silty clay, trace sand, trace gravel, tough CLAY (CL)	1.5	18.3	115.4	SS				
		21										
		22										
		23										
		24										
		25										

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Lake Cook Bike Path Glencoe, IL										Boring No.	B-4	
										Project ID:	CBEL201	
										Drafter:	J. Smith	
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Driller:	Strata	Drilling Started:	5/22/2012	Water Level During:	30'						Water Level After:	30'
Drill Rig:	DR3	Drilling Completed:	5/22/2012									
Sample Recovery in	Blow Count	Depth, ft	Graphic Log									