



Illinois Department of Transportation
Division of Highways
Illinois Dept. of Transportation

SOIL BORING LOG

Page 1 of 2
Date 05-01-03

ROUTE _____ DESCRIPTION Old Elm Road Bridge LOGGED BY DAG
SECTION 9 LOCATION Lake Forest, Illinois
COUNTY Lake DRILLING METHOD HSA HAMMER TYPE 140-LB

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. _____ ft. Stream Bed Elev. _____ ft. Groundwater Elev. _____ ft. First Encounter _____ Dry ft. Upon Completion _____ Dry ft. After _____ Hrs.	D E P T H	B L O W S	U C S	M O I S T
PORTLAND CEMENT CONCRETE (FILL)					(continued)				
		5				4	1.9	20.8	
Loose, Brown, Moist, SAND and GRAVEL FILL With Silty Clay (FILL)		4				7			
		3	2.25			3	1.4	20.5	
Very Stiff, Brown, Silty CLAY LOAM (CL)		3				6			
		5				30			
Hard, Brown, Silty CLAY (CL)		7	4.5	15.0					
		12							
		15							
		8	5.6	14.5		4	1.8	20.0	
		11				6			
		14				36			
		8	2.6	14.1					
		10							
Very Stiff to Hard, Gray, Silty CLAY (CL)		5	3.5	15.7		5	4.1	18.5	
		6				8			
		9				11			
		4	3.1	16.0					
		12							
		4	2.8	14.1		11		13.0	
		7				36			
		8				48			
		4	1.3	22.3					
		6							
		8							
Stiff, Gray, Silty CLAY to Silty CLAY LOAM (CL) NOTE: With Occasional Silt Seams at 23'-28'		3	1.2	20.8		5	3.5	19.2	
		4				8			
		6				12			

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, from 137 (rev. 8-99)



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					(continued)				
		5	2.7	12.3					
		8							
		12							
		4	2.8	20.1					
		6							
		10							
Very Stiff, Gray, Silty CLAY (CL)		5	2.2	23.4					
		7							
		10							
		4	2.5	22.5					
		7							
		8							
END OF BORING @ 70.0'									

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, from 137 (rev. 8-99)

DATE: 05/20/08
FILENAME: p:\2006\2301-2400\2006.2324-manderson-old elm design\microstation-final\s-29.dgn

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WJE No. 2006.2324

THE CITY OF LAKE FOREST
CHARTERED 1861

ILLINOIS DEPARTMENT OF TRANSPORTATION
BUREAU OF LOCAL ROADS AND STREETS

PROJECT:
OLD ELM ROAD OVER EAST SKOKIE DITCH
STA. 187+46 LAKE COUNTY
STRUCTURE NO. 049-6870

TITLE:
SOIL BORING LOGS-II

SCALE: N.T.S. DRAWN BY: JMG
DATE: JANUARY 2008 CHECKED BY: NSA

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REV. NO.	DATE	REVISION RECORD	MADE BY	CHECKED BY