

Wang Engineering, INC.
 Consulting Geotechnical and Environmental Engineers
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 1145 Main Street
 Lombard, IL 60148
 Telephone: 630 953-9928
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BORING LOG P-045 Page 1 of 1

WEI Job No.: 414-07-01

Datum: CCD
 Elevation: 0.16 ft
 North: 1853688.48 ft
 East: 1177525.92 ft
 Station: 2323+21.94
 Offset: 72.28' RT

Client: T. Y. LIN International, Inc.
 Project: Dan Ryan Contracts 62304 (20) and 62593 (23)
 Location: City of Chicago, Cook County, Illinois

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BORING LOG P-046 Page 1 of 1

WEI Job No.: 414-07-01

Datum: CCD
 Elevation: -2.06 ft
 North: 1853999.98 ft
 East: 1177497.29 ft
 Station: 2326+35.35
 Offset: 68.36' RT

Client: T. Y. LIN International, Inc.
 Project: Dan Ryan Contracts 62304 (20) and 62593 (23)
 Location: City of Chicago, Cook County, Illinois

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
-0.4	7-inch thick, black LOAM --TOPSOIL-- Stiff to hard, gray CLAY			1	3 4 4 4	4.50 P	17								
				2	1 2 3 4	1.50 P	19								
				3	4 6 11 12	2.25 P	18								
				4	1 2 5 5	2.25 P	17								
				5	2 2 6 8	4.50 P	18								
-10.8	Boring terminated at 11.00 ft														

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
-2.6	7-inch thick CONCRETE --PAVEMENT--														
-3.1	5-inch thick CRUSHED STONE --BASE COURSE-- Very stiff to hard, gray SILTY CLAY			1	5 3 5 5	3.50 P	19								
				2	3 4 4 5	3.50 P	19								
				3	6 9 13 13	4.25 P	18								
				4	1 3 5 6	4.50 P	17								
				5	3 6 7 9	4.50 P	17								
-13.1	Boring terminated at 11.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	07-18-2003	Complete Drilling	07-18-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	K&B	Logger	Y. Shiu	Time After Drilling	NA		
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion			Depth to Water	∇	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

LEGEND

NP NON-PLASTIC
 B BULGE FAILURE
 S SHEAR FAILURE
 P POCKET PENETROMETER

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 SOIL BORINGS P-045 & P-046

SCALE: N.T.S. DRAWN BY: RTM
 DATE: MARCH 7, 2006 CHECKED BY: MPG