

**Wang Engineering, Inc.**  
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 1145 Main Street  
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**BORING LOG AIS5-3**

WEI Job No.: 414-07-01

Datum: CCD  
 Elevation: 7.53 ft  
 North: 1839047.22 ft  
 East: 1181450.01 ft  
 Station: 1994+23  
 Offset: 39' 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 AIS5-4**

WEI Job No.: 414-07-01

Datum: CCD  
 Elevation: 7.02 ft  
 North: 1839049.44 ft  
 East: 1181550.02 ft  
 Station: 1993+23  
 Offset: 39' 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 (%)
6.8	9-inch thick, black LOAM --TOPSOIL--														
	Very stiff to hard, gray CLAY, trace gravel	5		1	4										
		8		5	4.50		11								
		7		8											
		7		7											
		19		2	4	4.50									
		19		5											
		19		6											
		19		7											
		20		3	4	3.25									
		20		5											
		20		5											
		20		6											
		10		4	7	4.50									
0.0	Medium dense to dense, gray SILT														
		10		4	10										
		14		8											
		13		7											
		13		8											
		13		8											
		13		13											
		11		9											
		11		13											
		11		16											
		11		18											
4.5	Boring terminated at 12.00 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 (%)
6.3	9-inch thick, black LOAM --TOPSOIL--														
	Dense, gray SILTY LOAM	5		1	5										
		7		5	4.50		13								
		13		7											
		13		25											
	Hard, gray CLAY, trace gravel	16		2	5	4.00									
		16		6											
		16		7											
		19		3	4	4.00									
		19		5											
		19		5											
		12		4	5	4.50									
		12		6											
		12		9											
		12		11											
		12		9											
		12		9											
		12		11											
		12		7											
		12		8											
		12		8											
		12		12											
5.0	Boring terminated at 12.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-31-2005	Complete Drilling	08-31-2005	While Drilling	∇	DRY	
Drilling Contractor	Precon Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&L	Logger	K. Jacob	Time After Drilling	NA		
Checked by	MLS			Depth to Water	∇	NA	
Drilling Method 3.25" ID, HSA; Boring backfilled with bentonite upon completion				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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Drilling Method 3.25" ID, HSA; Boring backfilled with bentonite upon completion				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 AIS5-3 & AIS5-4

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