

**Wang Engineering, INC.**  
 Consulting Geotechnical and Environmental Engineers  
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 1145 Main Street  
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 Telephone: 630 953-9928  
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**BORING LOG AIS5-1** Page 1 of 1

WEI Job No.: 414-07-01

Datum: CCD  
 Elevation: 6.37 ft  
 North: 1839042.76 ft  
 East: 1181249.12 ft  
 Station: 1996+24  
 Offset: 41' 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 (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
5.9	6-inch thick, black LOAM --TOPSOIL--														
	Hard, gray and brown CLAY, trace gravel			1	2		11								
	--FILL--			3	4	4.50									
				4											
				5											
				6											
				10		4.00	16								
2.4	Medium stiff to very stiff, brown and gray CLAY, trace gravel			2											
				7											
				5		2.00	18								
				5											
				4		1.50	20								
				4											
				5											
				5		1.25	18								
				5											
				7											
				4		1.00	18								
				5											
				5											
-5.6	Boring terminated at 12.00 ft			6											

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		
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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**BORING LOG AIS5-2** Page 1 of 1

WEI Job No.: 414-07-01

Datum: CCD  
 Elevation: 7.90 ft  
 North: 1839044.99 ft  
 East: 1181349.48 ft  
 Station: 1995+24  
 Offset: 40' 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 (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
7.2	9-inch thick, TOPSOIL --TOPSOIL--														
	Very stiff, gray SILTY CLAY LOAM			1	4		10								
				5		3.50									
				10											
				11											
				7											
				8		4.50	16								
				7											
				8											
				6											
				7		4.50	18								
				8											
				8											
				6		4.50	12								
				5											
				8											
				9											
				7		4.50	13								
				8											
				9											
				7		4.50	13								
				8											
				8											
-4.1	Boring terminated at 12.00 ft			6											

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		
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.							

**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 AIS5-1 & AIS5-2

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