

**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 SP-07**  
 WEI Job No.: 414-07-01

Datum: CCD  
 Elevation: -2.62 ft  
 North: 1839402.86 ft  
 East: 1175180.05 ft  
 Station: 216+86  
 Offset: 41' LT

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 (%)
-1.4	9-inch thick, CONCRETE --PAVEMENT--														
-3.9	6-inch thick, CRUSHED STONE --BASE COURSE--														
	Hard, gray CLAY, trace gravel	1	X	6	4.50	11									
		7	X	7											
		10	X	9	4.50	14									
		7	X	7											
		7	X	7											
		5	X	3	4.50	14									
		6	X	6											
		6	X	6											
-3.9	Medium dense, gray SILT to SILTY LOAM	4	X	6	4.50	12									
		10	X	10											
		14	X	14											
		4	X	4	NP	12									
		10	X	10											
		13	X	13											
-12.6	Hard, gray CLAY, trace gravel	10	X	8	4.50	12									
		10	X	10											
		12	X	12											
		13	X	13											
-14.6	Boring terminated at 12.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-01-2005	Complete Drilling	09-01-2005	White 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 SP-08**  
 WEI Job No.: 414-07-01

Datum: CCD  
 Elevation: -1.46 ft  
 North: 1839362.86 ft  
 East: 1175429.08 ft  
 Station: 219+34  
 Offset: 6' 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 (%)
-2.0	7-inch thick, CONCRETE --PAVEMENT--														
-2.8	9-inch thick, CRUSHED STONE --BASE COURSE--														
	Hard, gray SILTY CLAY	1	X	3	4.50	13									
		4	X	4											
		6	X	6											
	Medium dense, gray SAND	9	X	9	4.50	11									
	Hard, gray SILTY CLAY	10	X	10											
		5	X	3	4.50	12									
		7	X	7											
		9	X	9											
		4	X	4	4.50	13									
		6	X	6											
		7	X	7											
		7	X	7											
		6	X	6	4.50	12									
		7	X	7											
		8	X	8											
		10	X	10											
		7	X	7	4.50	12									
		9	X	9											
		10	X	10											
		13	X	13											
-13.5	Boring terminated at 12.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-30-2005	Complete Drilling	08-30-2005	White 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 SP-07 & SP-08

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