

Wang Engineering, INC.
 Consulting Geotechnical and Environmental Engineers
 wangeng3@wangeng.com
 1145 Main Street
 Lombard, IL 60148
 Telephone: 630 953-9928
 Fax: 630 953-9938

BORING LOG SP-49 Page 1 of 1

WEI Job No.: 414-07-01

Datum: CCD
 Elevation: -15.22 ft
 North: 1839828.68 ft
 East: 1177826.33 ft
 Station: 330+06
 Offset: 21' 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 (%)
16.0	9-inch thick, ASPHALT --PAVEMENT--														
16.2	3-inch thick, CRUSHED STONE --BASE COURSE--														
	Hard, gray SILTY CLAY	1	X	1	8	4.50	11								
		4	X	4											
		14	X	14											
		10	X	10											
		10	X	10											
		5	X	5											
		14	X	14											
		12	X	12											
		9	X	9											
		9	X	9											
		8	X	8											
		6	X	6											
		5	X	5											
		8	X	8											
		5	X	5											
		8	X	8											
		9	X	9											
		10	X	10											
		7	X	7											
		9	X	9											
		8	X	8											
		7	X	7											
27.2	Boring terminated at 12.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-08-2005	Complete Drilling	09-08-2005	While Drilling	∇	DRY	
Drilling Contractor	Precon Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&L	Logger	S. Sugiarto	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-50 Page 1 of 1

WEI Job No.: 414-07-01

Datum: CCD
 Elevation: 25.71 ft
 North: 1840234.16 ft
 East: 1177540.34 ft
 Station: 243+17
 Offset: 1' 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 (%)
24.4	10-inch thick, CONCRETE --PAVEMENT--														
24.7	2-inch thick, CRUSHED STONE --BASE COURSE--														
	Very stiff to hard, gray CLAY	1	X	1	4		14								
		3	X	3											
		8	X	8											
		4	X	4											
		7	X	7											
		10	X	10											
		5	X	5											
		14	X	14											
		7	X	7											
		8	X	8											
		7	X	7											
		5	X	5											
		1	X	1											
		1	X	1											
		3	X	3											
		5	X	5											
		4	X	4											
		5	X	5											
		5	X	5											
		10	X	10											
		3	X	3											
		3	X	3											
		4	X	4											
		6	X	6											
3.7	Boring terminated at 12.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-08-2005	Complete Drilling	09-08-2005	While Drilling	∇	DRY	
Drilling Contractor	Precon Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&L	Logger	S. Sugiarto	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-49 & SP-50

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