

**Wang Engineering, INC.**  
 Consulting Geotechnical and Environmental Engineers  
 wangeng3@wangeng.com  
 1145 Main Street  
 Lombard, IL 60148  
 Telephone: 630 953-9928  
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**BORING LOG SP-39**  
 WEI Job No.: 414-07-01

Datum: CCD  
 Elevation: 0.61 ft  
 North: 1839450.03 ft  
 East: 1175794.29 ft  
 Station: 121+09  
 Offset: 41' RT

Client: T. Y. LIN International  
 Project: Dan Ryan Improvements; IDOT No. D-91-421-01  
 Location: From 95th Street to South of 69th Street

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**BORING LOG SP-40**  
 WEI Job No.: 414-07-01

Datum: CCD  
 Elevation: -0.38 ft  
 North: 1839516.77 ft  
 East: 1175634.06 ft  
 Station: 119+50  
 Offset: 30' LT

Client: T. Y. LIN International  
 Project: Dan Ryan Improvements; IDOT No. D-91-421-01  
 Location: From 95th Street to South of 69th Street

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
0.61	30-inch thick, dense, brown LOAM --TOPSOIL--	0	1	6 17 17	NP	8							
-1.3	Hard, brown SILTY CLAY to SILTY CLAY LOAM	1.3	2	7 13 10 12	P	4.50							
		5	3	6 7 8 11	P	4.50							
			4	6 6 9 7	P	4.50							
			5	5 5 9 7	P	4.50							
		10	6	8 13 15 17	P	4.50							
-11.4	Boring terminated at 12.00 ft	12.00											

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
0.61	9-inch thick, CONCRETE --PAVEMENT--	0	1	13 15 31	NP	35							
-1.6	6-inch thick, CRUSHED STONE --BASE COURSE--	1.6	2	14 20 30 58	NP	35							
	Very dense, green and brown GRAVELLY SAND, with slag --FILL--		3	8 14 7 6	P	4.00							
		5	4	6 4 4 7	P	3.50							
			5	5 9 13 13	P	4.50							
		10	6	7 9 12 14	P	4.50							
-12.4	Hard, gray SILTY CLAY	12.4											
	Boring terminated at 12.00 ft	12.00											

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-12-2005	Complete Drilling	09-12-2005	While Drilling	∇	DRY	
Drilling Contractor	Precon Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&L	Logger	S. Suglaro	Time After Drilling	NA		
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion			Depth to Water	∇	NA	

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-29-2005	Complete Drilling	08-29-2005	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	

**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-39 & SP-40

SCALE: N.T.S.      DRAWN BY: MPG  
 DATE: MARCH 1, 2006      CHECKED BY: JPM