

Wang Engineering, INC.
 Consulting Geotechnical and Environmental Engineers
 wangeng3@wangeng.com
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 Lombard, IL 60148
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BORING LOG SB SGN 04A Page 1 of 1

WEI Job No.: 414-07-01
 Client: T. Y. LIN International
 Project: Dan Ryan Improvements; IDOT No. D-91-421-01
 Location: From 95th Street to South of 69th Street

Datum: CCD
 Elevation: 2.44 ft
 North: 1838921.36 ft
 East: 1180273.73 ft
 Station: 2006+00
 Offset: 36' LT

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 (%)
22.6	Very stiff to hard gray, gravelly SILTY			1	1 3 6	3.20 B	18		Boring terminated at 25.00 ft						
		5		2	4 4 6	3.53 B	18			30					
		10		3	2 4 7	3.85 B	18			35					
		15		4	3 5 7	2.71 B	16			40					
		20		5	5 11 12	2.19 B	12			45					
		25		6	4 6 8	4.51 B	13			50					
				7	3 6 11	5.58 S	9								
				8	4 10 14	8.94 S	11								
				9	6 12 25	5.90 S	11								
				10	6 23 26	4.50 P	9								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-07-2005	Complete Drilling	04-08-2005	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	J&L	Logger	H. Suhail	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 SB SGN 04B Page 1 of 1

WEI Job No.: 414-07-01
 Client: T. Y. LIN International
 Project: Dan Ryan Improvements; IDOT No. D-91-421-01
 Location: From 95th Street to South of 69th Street

Datum: CCD
 Elevation: 1.69 ft
 North: 1839027.97 ft
 East: 1180259.83 ft
 Station: 2006+00
 Offset: 30' RT

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 (%)
0.0	8-Inch thick Black CLAY LOAM --TOPSOIL--			1	11 13 12	5.41 B	19		Boring terminated at 25.00 ft						
	Hard, brown and gray CLAY --FILL--			2	7 9 10	5.33 B	14			30					
1.3	Hard, gray SILTY CLAY			3	6 11 11	7.30 B	13			35					
		10		4	6 10 12	4.92 B	12			40					
		15		5	5 10 9	7.05 B	13			45					
		20		6	6 8 11	5.17 B	12			50					
				7	8 18 17	NP	13								
13.8	Dense, gray SILT with sand			8	8 18 25	9.84 S	11								
16.3	Hard, gray SILTY CLAY with silt interbeds			9	8 16 23	4.92 S	11								
		25		10	22 45 53	4.50 P	10								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	05-05-2005	Complete Drilling	05-05-2005	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	J&R	Logger	Y. Shiu	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 SB-SGN-4A & SB-SGN-4B

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