

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 SB SGN 05A 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: -1.57 ft
 North: 1841830.06 ft
 East: 1177820.92 ft
 Station: 2204+66
 Offset: 10' LT

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.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
-2.3	9-inch thick, ASPHALT --PAVEMENT--							Boring terminated at 25.00 ft					
-2.8	6-inch thick, CRUSHED STONE --BASE COURSE-- Very stiff to hard, gray gravelly SILTY CLAY, with silt interbeds	1	1078	4.50	10								
		2	8910	2.13	11								
		3	11710	4.59	14								
		4	8716	2.87	15								
-11.3	Medium dense, gray SILT												
-13.1	Hard, gray gravelly SILTY CLAY												
		5	71414	NP	14								
		6	31011	4.50	12								
		7	41015	4.10	13								
		8	71520	6.15	11								
-23.1	Very dense, gray SILT												
		9	103142	NP	11								
-25.6	Hard, gray SILTY CLAY												
-26.1	Dense, gray SILT												
-26.6		10	91825	4.50	10								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-05-2005	Complete Drilling	04-06-2005	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.							

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 SB SGN 07A 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: 2.60 ft
 North: 1845644.37 ft
 East: 1177712.86 ft
 Station: 2242+70
 Offset: 12' LT

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.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
-1.4	14-inch thick, CONCRETE --PAVEMENT--							Boring terminated at 24.90 ft					
	Medium dense to dense, brown GRAVELLY SAND --FILL--	1	9624	NP	14								
		2	123050/5	NP	36								
-1.9	Very dense, blue-green GRAVELLY SAND												
-2.9	Very stiff to hard, gray SILTY CLAY --FILL-- --SLAG--												
		3	449	3.28	20								
		4	4611	5.66	18								
-7.2	Medium dense, gray SILT												
-7.9	Stiff to hard, gray gravelly SILTY CLAY to SILTY CLAY LOAM, with silt and gravel interbeds												
		5	3711	2.95	12								
		6	61216	1.64	12								
		7	51013	5.00	14								
		8	5911	4.02	12								
		9	61726	3.28	11								
		10	63750/5	4.50	13								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-05-2005	Complete Drilling	04-05-2005	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.							

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-5A & SB-SGN-7A

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