

Wang Engineering, Inc.
 Consulting Geotechnical and Environmental Engineers
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 1145 Main Street
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 Telephone: 630 953-9928
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BORING LOG SB SGN 02A 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: 1.83 ft
 North: 1839454.10 ft
 East: 1176183.41 ft
 Station: 227+29
 Offset: 48' 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.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
1.1	8-inch thick, black LOAM --TOPSOIL-- Very stiff to hard, gray LOAM --FILL--	0	1	5 6 5	4.00 P	19				11	12 14 24	6.56 B	11
		5	2	3 3 2	2.00 P	8			30	12	10 15 12	8.61 B	10
-3.7	Medium dense, gray SILT	5	3	3 10 11	NP	13							
-7.4	Medium dense, gray SAND	10	4	7 9 15	NP	16							
-8.7	Very stiff to hard, gray gravelly SILTY CLAY	10	5	4 5 7	3.69 B	14							
		15	6	4 12 13	4.50 P	10							
		20	7	7 11 9	6.31 B	12							
		25	8	7 14 13	5.74 B	11							
			9	7 12 15	7.38 B	11							
			10	4 20 22	8.61 B	10							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	03-17-2005	Complete Drilling	03-17-2005	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&L	Logger	Y. Shlu	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 02B 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: 2.39 ft
 North: 1839337.09 ft
 East: 1176183.16 ft
 Station: 227+29
 Offset: 61' RT

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 (%)
1.6	10-inch thick CONCRETE --PAVEMENT-- Very dense, brown coarse SAND --FILL--	0	1	11 57 50/4	NP	36							
-1.4	Medium dense, blue coarse granular SLAG --FILL--	5	2	14 17 8	NP								
-2.6	Loose, brown coarse SAND --FILL--	5	3	2 1 2	NP	18							
-6.1	Stiff to hard, gray SILTY CLAY	10	4	4 10 9	1.64 B	9							
		15	5	4 4 9	5.66 B	14							
-10.6	Hard, gray CLAY	15	6	3 4 7	5.25 B	16							
-13.1	Hard, gray SILTY CLAY	15	7	8 13 14	1.56 B	9							
		20	8	6 9 11	4.50 P	13							
		25	9	7 12 13	5.82 S	12							
			10	8 16 22	9.43 B	12							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	05-09-2005	Complete Drilling	05-09-2005	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&R	Logger	Y. Shlu	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-2A & SB-SGN-2B

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