

Wang Engineering, INC.
 Consulting Geotechnical and Environmental Engineers
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 Lombard, IL 60148
 Telephone: 630 953-9928
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BORING LOG SB SGN 13A

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WEI Job No.: 414-07-01
 Datum: CCD
 Elevation: 0.47 ft
 North: 1839900.39 ft
 East: 1176881.61 ft
 Station: 133+09
 Offset: 68' 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 Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
0.2	8-inch thick, black CLAY LOAM --TOPSOIL-- Stiff to hard, gray SILTY CLAY	0	X	1	4 6 6	6.64 B	15	24.8	Medium dense, gray SAND	0	X	11	14 17 19	9.84 S	11
		5	X	2	3 4 5	1.97 B	14		Hard, gray SILTY CLAY	30	X	12	14 15 19	5.33 S	10
-5.0	Medium stiff, gray CLAY	5	X	3	2 2 3	0.82 B	15				X	13	12 20 19	NP	15
-7.5	Very stiff, gray SILTY CLAY	10	X	4	6 11 12	3.12 S	13	-33.3	Dense, gray SILT, with silty clay interbeds	35	X	13			
-9.3	Medium dense, gray SILT	15	X	5	5 8 8	7.46 B	12	-34.5	Boring terminated at 35.00 ft						
-10.0	Stiff to hard, gray SILTY CLAY, trace sand	20	X	6	3 6 8	4.92 B	13								
		25	X	7	4 6 10	7.38 B	12								
			X	8	5 7 9	6.97 B	13								
			X	9	5 9 10	8.12 B	12								
			X	10	8 12 12	1.23 B	10								

GENERAL NOTES				WATER LEVEL DATA	
Begin Drilling	03-17-2005	Complete Drilling	03-17-2005	While Drilling	▽ 25.50 ft
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽ DRY
Driller	J&L	Logger	Y. Shiu	Time After Drilling	NA
Checked by	N. Davis	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 13B

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WEI Job No.: 414-07-01
 Datum: CCD
 Elevation: 1.53 ft
 North: 1839848.19 ft
 East: 1176921.45 ft
 Station: 133+09
 Offset: 12' 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

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
0.0	6-inch thick, black LOAM --TOPSOIL-- Very stiff, gray SILTY CLAY --FILL--	0	X	1	5 7 7	2.38 S	15			30	X	11	7 10 11	9.84 B	13
-2.2	Medium stiff, gray CLAY	5	X	2	4 4 3	0.90 B	18			35	X	12	8 18 15	4.50 P	12
-4.0	Very stiff, gray SILTY CLAY	10	X	3	2 5 3	3.69 S	16				X	13	16 23 23	4.50 P	14
-7.7	Very stiff, gray CLAY	15	X	4	3 4 5	2.87 B	14	-33.5	Boring terminated at 35.00 ft						
		20	X	5	3 4 5	3.69 B	16								
		25	X	6	2 2 4	2.38 B	16								
		30	X	7	3 6 9	6.40 B	13								
		35	X	8	6 10 12	9.02 S	9								
		40	X	9	6 12 13	9.84 S	11								
		45	X	10	8 12 12	9.43 B	11								

GENERAL NOTES				WATER LEVEL DATA	
Begin Drilling	03-18-2005	Complete Drilling	03-18-2005	While Drilling	▽ DRY
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽ DRY
Driller	J&L	Logger	Y. Shiu	Time After Drilling	NA
Checked by	N. Davis	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 13A & SB SGN 13B

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