

**Wang Engineering, Inc.**  
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 1145 Main Street  
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**BORING LOG SB 04-02** 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: 9.03 ft  
 North: 1845380.25 ft  
 East: 1177832.52 ft  
 Station: 2240+11  
 Offset: 107.97' RT

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

Datum: CCD  
 Elevation: 8.74 ft  
 North: 1845317.83 ft  
 East: 1177836.62 ft  
 Station: 2239+49  
 Offset: 110.28' RT

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 (%)
8.2	10-Inch thick TOPSOIL														
	Very stiff, brown and gray CLAY --FILL--			1	13 7 8	NP						11	8 15 20	8.61 S	11
				2	6 5 5	3.00 P	20					12	32 50 50/3	> 4.50 P	9
6.0	Stiff to very stiff, gray CLAY			3	3 4 4	1.31 B	21					13	50/1		
				4	3 4 5	1.48 B	20								
				5	2 4 5	1.31 B	20								
				6	5 6 9	2.71 B	18								
7.2	Very stiff to hard, SILTY CLAY with gravel			7	11 12 14	4.93 S	11								
				8	4 6 9	3.28 B	13								
				9	6 16 26	7.54 B	11								
				10	6 11 17	7.87 B	12								

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 (%)
	14-inch thick TOPSOIL														
7.6	Hard, brown and gray CLAY LOAM --FILL--			1	15 19 7	4.00 P	16					11	10 16 30	> 4.50 P	11
				2	4 4 5	4.00 P	19					12	13 32 50/3	> 4.50 P	10
3.7	Stiff, brown and gray CLAY			3	3 4 7	1.89 B	54								
				4	3 3 4	0.66 B	19								
				5	2 3 4	0.90 B	20								
4.8	Medium dense, gray SILT			6	5 13 19	NP	19								
				7	7 12 13	NP	20								
9.3	Hard, gray SILTY CLAY with gravel			8	5 12 16	> 4.50 P	13								
				9	7 14 19	> 4.50 P	10								
				10	10 18 24	> 4.50 P	11								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-13-2004	Complete Drilling	04-13-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	K&J	Logger	N. Davis	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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The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 RETAINING WALL ALONG STATE ST.  
 AT BELT RY.  
 WALL 4  
 BORING LOGS SB04-02 & SB04-03  
 S.N. 016-W953 DESIGNED BY: DJR  
 SCALE: N.T.S. DRAWN BY: DJR  
 DATE: MARCH 18, 2005 CHECKED BY: TD