

**W** 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 02-01**

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: 13.52 ft  
North: 1844575.05 ft  
East: 1177883.10 ft  
Station: 2232+05.1  
Offset: 135.477' 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 (%)
13.52	2-Inch thick, ASPHALT --PAVEMENT--												
12.5	10-Inch thick, CONCRETE --PAVEMENT--												
	Loose to medium dense, brown SANDY LOAM --FILL--	1	7 7 5	NP	14				11	5 7 9	5.08 B	12	
		2	10 4 4	NP	16				12	5 7 9	4.76 B	12	
8.8	Stiff to hard, brown and gray CLAY	3	2 2 1	2.54 B	18				13	6 11 16	6.67 S	11	
		4	6 8 10	5.33 B	17				14	60/25	NP		
		5	6 5 7	4.35 B	18		22.5	Very dense, gray SILTY LOAM, with gravel					
		6	6 5 6	2.62 B	17		23.9	Boring terminated at 37.40 ft					
		7	2 3 6	1.31 B	19								
4.5	Very stiff to hard, gray SILTY CLAY, with gravel	8	4 8 11	4.43 S	12								
		9	4 5 8	3.53 B	13								
		10	4 8 12	5.25 S	11								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-13-2004	Complete Drilling	01-13-2004	White Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&B	Logger	K. Jacob	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 02-02**

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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: -4.45 ft  
North: 1844508.44 ft  
East: 1177804.49 ft  
Station: 2231+40.7  
Offset: 54.993' 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 (%)
5.2	8-Inch thick, CONCRETE --PAVEMENT--												
	Stiff, brown and gray CLAY LOAM, with gravel --FILL--	1	13 24 9	NP	12				1	13 24 9	NP	12	
7.5	Very stiff to hard, gray SILTY CLAY, with gravel	2	8 7 6	3.77 B	12				2	8 7 6	3.77 B	12	
		3	7 11 10	4.10 S	11				3	7 11 10	4.10 S	11	
		4	7 9 9	4.02 S	12				4	7 9 9	4.02 S	12	
		5	7 9 12	3.94 B	11				5	7 9 12	3.94 B	11	
		6	3 11 15	5.00 B	11				6	3 11 15	5.00 B	11	
20.0	Very dense, gray SILTY LOAM, with gravel	7	15 25 33	NP	9				7	15 25 33	NP	9	
		8	10 50/24	NP	10				8	10 50/24	NP	10	
24.0	Boring terminated at 19.50 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-04-2004	Complete Drilling	02-04-2004	White Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&L	Logger	K. Jacob	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.							



REVISIONS	
NAME	DATE

SHEET 25 OF 33

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
RETAINING WALL ALONG STATE ST.  
93RD ST. TO 91ST ST.  
WALL 2B  
BORING LOGS SB02-01 & SB02-02

S.N. 016-W961      DESIGNED BY: DJR  
SCALE: N.T.S.      DRAWN BY: DJR  
DATE: MARCH 18, 2005      CHECKED BY: TD