

**Wang Engineering, INC.**  
 Consulting Geotechnical and Environmental Engineers  
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**BORING LOG SB 38-08** 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: 7.26 ft  
 North: 1846627.39 ft  
 East: 1177497.91 ft  
 Station: 1252+49.0  
 Offset: 129.457' LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample No. recovery	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample No. recovery	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
5.6	8-inch thick, black LOAM --TOPSOIL-- Stiff, black and gray CLAY --FILL--	0	1	3/4	3/4	1.50	32			0	11	5/8	5.99	13	
4.3	Stiff to very stiff, gray CLAY	5	2	2/5	2/5	1.64	23			30	12	12/14	7.63	10	
		10	3	1/3	1/3	2.08	16			35	13	22/37	4.50	8	
		15	4	1/3	1/3	2.08	15	21.7	Very dense, gray GRAVELLY SILT	40	14	28/46	NP		
		20	5	1/3	1/3	1.97	16			45					
		25	6	5/9	5/9	4.50	14			50					
			7	2/7	2/7	5.74	12								
			8	4/5	4/5	6.56	12								
			9	6/8	6/8	5.41	12								
			10	6/8	6/8	8.12	11								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-26-2004	Complete Drilling	01-26-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	T&B	Logger	B. Fugiel	Time After Drilling	NA		
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion	Checked by	N. Davis	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 39-04** 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: -8.88 ft  
 North: 1846618.85 ft  
 East: 1177569.95 ft  
 Station: 1252+38.4  
 Offset: 57.689' LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample No. recovery	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample No. recovery	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
9.6	8-inch thick CONCRETE --PAVEMENT-- 6-inch thick CRUSHED STONE --BASE COURSE-- Medium dense to dense, black to brown SAND	0	1	12/24	12/24	NP	7			0	11	25/48	NP	10	
		10	2	24/12	24/12	NP	17			30	12	40/63	NP	8	
		13.4	3	5/5	5/5	4.35	13			35					
		15	4	7/5	7/5	6.64	12			40					
		20	5	4/8	4/8	5.17	11			45					
		21.9	6	5/25	5/25	4.50	9			50					
			7	13/33	13/33	4.50	8								
			8	14/32	14/32	4.50	8								
			9	15/42	15/42	4.50	8								
			10	22/46	22/46	4.50	7								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-28-2004	Complete Drilling	01-28-2004	While 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	Checked by	S. Janowski	Depth to Water	∇	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 RETAINING WALL ALONG LAFAYETTE AVE.  
 89TH ST. TO 87TH ST.  
 WALL 39  
 BORING LOGS SB38-08 & SB39-04  
 S.N. 016-W951  
 SCALE: N.T.S.  
 DATE: MARCH 25, 2005

DESIGNED BY: DJR  
 DRAWN BY: DJR  
 CHECKED BY: TD

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