

**Wang Engineering, INC.**  
Consulting Geotechnical and Environmental Engineers  
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**BORING LOG JP-06**  
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: -9.95 ft  
North: 1847186.56 ft  
East: 1177545.01 ft  
Station: 1258+06.5  
Offset: -66.37 LT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	QU (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	QU (tsf)	Moisture Content (%)
-11.2	14-inch thick, black LOAM --TOPSOIL-- Very stiff to hard, gray, gravelly SILTY CLAY to CLAY	0	1	5 6	3.28 S	18							
		5	2	1 8 6	3.85 B	13							
		10	3	4 9 12	7.38 S	12							
		15	4	3 8 11	4.51 S	12							
		20	5	8 14 26	7.46 S	11							
-24.5	Very dense, gray SILT	20	6	7 20 39	NP	9							
		25	7	12 34 52	NP	14							
		30.0	8	14 33 47	NP	14							
	Boring terminated at 20.00 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	05-02-2003	Complete Drilling	05-02-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	∇	DRY	
Driller	K&J	Logger	S. Patel	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 JP-08**  
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: -3.05 ft  
North: 1847835.81 ft  
East: 1177528.87 ft  
Station: 1264+56  
Offset: -63.93 LT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	QU (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	QU (tsf)	Moisture Content (%)
-4.1	13-inch thick, black LOAM --TOPSOIL-- Very stiff, brown and gray, gravelly CLAY	0	1	3 7 8	2.20 S	16	-28.5	Hard, gray, gravelly SILTY CLAY	11	11	12 15 22	4.26 S	11
		5	2	6 6 7	2.87 B	16	-30.3	Weathered DOLOSTONE --BEDROCK--	12	12	62 52 41	NP	6
		10	3	6 11 15	NP	20	-33.0	Boring terminated at 30.00 ft					
-8.5	Medium dense, gray SILT	10	4	5 10 11	4.92 S	13							
		15	5	10 20 22	NP	10							
-11.1	Very stiff to hard, gray, gravelly SILTY CLAY to CLAY	15	6	5 12 15	4.76 S	12							
		20	7	7 12 14	4.67 S	13							
-13.5	Dense, gray LOAM	20	8	8 16 29	5.90 S	10							
		25	9	25 32 45	3.53 S	11							
-16.0	Very stiff to hard, gray, gravelly SILTY CLAY to CLAY	25	10	27 34 42	NP	8							
		30											
-25.2	Very dense gray, gravelly SILTY LOAM	30											

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	05-02-2003	Complete Drilling	05-02-2003	While Drilling	∇	20.50 ft	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	∇	DRY	
Driller	K&J	Logger	S. Patel	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 JP-06 & JP-08

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