

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 JP-36 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: 4.23 ft
 North: 1839655.51 ft
 East: 1176777.36 ft
 Station: 233+29.23
 Offset: -51.25 LT

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 (%)
4.27	18-inch thick CONCRETE --PAVEMENT--							23.8							
	Medium dense, black and gray, medium GRAVELLY SAND	1	X	1	45 12 12	NP			Boring terminated at 28.00 ft	11	X	11	10 15 18	3.53 S	11
		2	X	2	11 9 8	NP	8			30	X				
1.3	Stiff to hard, gray CLAY	3	X	3	3 2 2	1.80 P	20			35	X				
		4	X	4	3 6 5	2.95 S	14			40	X				
		5	X	5	3 5 5	4.10 B	13			45	X				
		6	X	6	2 5 5	2.46 S	14			50	X				
		7	X	7	3 4 6	2.38 S	16				X				
13.0	Very stiff to hard, gray SILTY CLAY, with interbeds of silt	8	X	8	6 8 9	4.50 P	12				X				
		9	X	9	8 11 11	3.53 S	11				X				
		10	X	10	8 12 13	4.50 P	12				X				

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	05-30-2003	Complete Drilling	05-30-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	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	

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BORING LOG JP-38 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: 13.22 ft
 North: 1840792.48 ft
 East: 1177919.17 ft
 Station: 249+80.32
 Offset: 115.11 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 (%)
12.1	13-inch thick, black LOAM --TOPSOIL--							23.8							
	Stiff to very stiff, brown and gray SILTY CLAY to SILTY CLAY LOAM	1	X	1	3 3 3	2.87 S	21			11	X	11	6 7 11	3.61 S	13
		2	X	2	2 1 3	1.48 B	21			30	X	12	6 6 8	3.53 S	12
7.1	Very soft, gray CLAY	3	X	3	1 1 2	0.25 B	22			35	X				
5.2	Medium stiff, gray SILTY CLAY to CLAY	4	X	4	0 0 0	0.50 P	16			40	X	13	12 16 19	4.50 P	15
		5	X	5	0 0 2	0.57 B	20			45	X				
	Medium dense, black, fine GRAVELLY SAND	6	X	6	10 17 11	NP	12			50	X	14	4 5 10	3.03 B	15
2.9	Stiff to very stiff, gray, gravelly CLAY	7	X	7	4 6 9	1.97 S	13				X				
		8	X	8	5 5 8	3.28 S	15				X				
		9	X	9	6 8 11	3.60 P	16				X				
		10	X	10	7 7 11	3.85 S	14				X				
31.7	Very dense, gray SILTY LOAM	11	X	11						46	X	15	3 4 9	1.39 B	13
		12	X	12						50	X	16	21 18 29	4.40 P	12
34.8	Boring terminated at 48.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	05-07-2003	Complete Drilling	05-07-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	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	

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-36 & JP-38

SCALE: N.T.S. DRAWN BY: RTM
 DATE: MARCH 7, 2006 CHECKED BY: MPG