

W Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
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BORING LOG 5PAB3

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: 8.64 ft
North: 1847881.67 ft
East: 1177467.83 ft
Station: 1265+04
Offset: 124' LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	OU (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/6 in)	OU (tsf)	Moisture Content (%)
7.9	Gray SANDY LOAM												
	--TOPSOIL--												
	Loose, brown SAND		1	4 2 2	NP					10	5 8 1	3.94	13
	--FILL--												
5.6	Very stiff, black CLAY LOAM		2	1 1 3	2.50 P					12	5 8 11	4.35	13
	--FILL--												
23.1	Soft to medium stiff, gray CLAY		3	2 1 2	0.49 B		23.4	Very dense, gray SILTY LOAM		13	17 27 30	NP	7
			4	1 0 1	0.41 B		26.4	Boring terminated at 35.00 ft					
			5	0 1 1	0.49 B								
			6	0 1 3	0.66 B								
6.3	Very stiff, gray SILTY CLAY		7	2 8 11	3.94 B								
5.4	Medium dense, gray, coarse SAND to SANDY LOAM		8	4 7 6	NP								
11.9	Very stiff to hard, gray SILTY CLAY		9	5 8 12	4.32 B								
			11	6 9 13	3.77 B								

GENERAL NOTES				WATER LEVEL DATA	
Begin Drilling	08-10-2004	Complete Drilling	08-10-2004	While Drilling	19.00 ft
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	DRY
Driller	K&M	Logger	B. Fugiel	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 5PAB1

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: 7.09 ft
North: 1848789.81 ft
East: 1177459.79 ft
Station: 7181+59
Offset: 32' RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	OU (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/6 in)	OU (tsf)	Moisture Content (%)
6.6	Brown SILTY CLAY LOAM												
	--TOPSOIL--												
	Very stiff, brown SILTY CLAY		1	5 5 4	NP		18.4	Hard, gray SILTY CLAY		10	9 11 14	6.64	12
	--FILL--												
4.1	Loose, brown, fine SAND												
	--FILL--												
	Very stiff, brown and gray SILTY CLAY		2	3 4 3	3.36 B								
			5										
1.6	Soft to medium stiff, gray CLAY		3	2 3	0.82 B		23.9	Very dense, gray SILTY LOAM		11	25 42 50/4	NP	9
			4	1 1 2	0.57 B		25.7	Boring terminated at 32.83 ft					
			5	1 1 2	0.33 B								
			6	1 1 3	0.57 B								
8.4	Hard, gray SILTY CLAY		7	4 8 14	5.90 S								
11.7	Medium dense, gray SANDY LOAM		8	7 12 16	2.87 S								
12.2	Very stiff, gray SILTY CLAY												
14.9	Dense, gray SILT		9	8 22 25	NP								

GENERAL NOTES				WATER LEVEL DATA	
Begin Drilling	08-10-2004	Complete Drilling	08-10-2004	While Drilling	DRY
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	DRY
Driller	J&L	Logger	J. Kasnick	Time After Drilling	NA
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion			Depth to Water	NA

TYLIN INTERNATIONAL

LEGEND

NP NON-PLASTIC
B BULGE FAILURE
S SHEAR FAILURE
P POCKET PENETROMETER

REVISIONS	
NAME	DATE

SHEET 16 OF 30

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
31st STREET to I-57

**BORING LOGS FOR HMLT'S
5 PAB3 & 5 PAB1**

S.N. DESIGNED BY: DJR
SCALE: N.T.S. DRAWN BY: DJR
DATE: OCTOBER 29, 2004 CHECKED BY: TD

10/15/2004 12:50:43 PM