

**Wang Engineering, INC.**  
Consulting Geotechnical and Environmental Engineers  
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**BORING LOG 6MAB2**

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WEI Job No.: 414-07-01

Datum: CCD  
Elevation: 9.78 ft  
North: ft  
East: ft  
Station: 2036+88  
Offset: 80' RT

Client: T. Y. LIN International  
Project: Dan Ryan Improvements; IDOT No. D-91-421-01  
Location: From 95th Street to South of 69th Street

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	CU (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blw/6 in)	CU (tsf)	Moisture Content (%)
3.3	6-inch thick, black CLAY LOAM --TOPSOIL-- Stiff to very stiff, brown and gray SILTY CLAY	0-6		1	6 6 6	3.12	15			0-6		11	5 8 9	3.28	12
4.3	Soft to medium stiff, gray CLAY	6-10		2	7 4 3	1.48	18			6-10		12	8 15 17	4.02	12
10	Medium dense, gray SILT	10-15		3	2 1 2	0.57	21			10-15		13	12 17 19	4.51	12
15	Very stiff to hard, gray SILTY CLAY	15-20		4	1 1 2	0.49	22			15-20		13	12 17 19	4.51	12
25		20-25		5	5 13 15	NP	19			20-25		13	12 17 19	4.51	12
35.2		25-35.2		6	6 10 15	4.50	12			25-35.2		13	12 17 19	4.51	12
		35.2-40		7	7 11 14	3.36	12			35.2-40		13	12 17 19	4.51	12
		40-45		8	5 7 8	4.76	14			40-45		13	12 17 19	4.51	12
		45-50		9	4 6 8	3.44	15			45-50		13	12 17 19	4.51	12
		50-55		10	4 7 8	3.20	15			50-55		13	12 17 19	4.51	12

Boring terminated at 35.00 ft

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-13-2004	Complete Drilling	08-13-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	∇	DRY	
Driller	J&L	Logger	Y. Shiu	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 6OEF1**

Page 1 of 1

WEI Job No.: 414-07-01

Datum: CCD  
Elevation: 18.28 ft  
North: ft  
East: ft  
Station: 2205+17  
Offset: 120' RT

Client: T. Y. LIN International  
Project: Dan Ryan Improvements; IDOT No. D-91-421-01  
Location: From 95th Street to South of 69th Street

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	CU (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blw/6 in)	CU (tsf)	Moisture Content (%)
17.5	3-inch thick, ASPHALT over 7-inch thick, CONCRETE --PAVEMENT-- 2-inch thick, CRUSHED STONE --BASE COURSE-- Stiff, black, brown, and gray SILTY CLAY, with asphalt cobble	0-10		1	2 3 4	1.97	20			0-10		11	5 11 12	6.23	11
13.8	Medium stiff to stiff, brown and gray SILTY CLAY	10-15		2	3 4 29	NP	3			10-15		12	5 11 11	6.64	11
10	Soft, brown and gray CLAY	15-20		3	1 0 4	0.98	23			15-20		13	9 17 20	6.48	10
7.8	Medium dense to dense, gray SILT	20-25		4	1 1 2	1.39	16			20-25		13	9 17 20	6.48	10
18.7		25-30		5	1 0 0	0.41	24			25-30		14	19 25 27	NP	13
28	Stiff to hard, gray SILTY CLAY	30-35		6	1 0 1	0.25	21			30-35		14	19 25 27	NP	13
25.7		35-40		7	1 1 2	1.07	20			35-40		15	12 16 21	4.26	13
26.7		40-45		8	3 4 4	2.46	15			40-45		15	12 16 21	4.26	13
26.7		45-50		9	4 6 8	4.59	12			45-50		15	12 16 21	4.26	13
		50-55		10	6 7 10	6.97	11			50-55		15	12 16 21	4.26	13

Boring terminated at 45.00 ft

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-23-2004	Complete Drilling	08-23-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	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	

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

**TYLIN INTERNATIONAL**

**LEGEND**

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

REVISIONS	
NAME	DATE

SHEET 25 OF 30

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

**BORING LOGS FOR HMLT'S  
6 MAB2 & 6 OEF1**

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

D:\0237\3\road\602\62583\62583.dwg 10/15/2004 12:50:52 PM