

W Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
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BORING LOG 5MCD2

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: 5.73 ft
North: 1839027.61 ft
East: 1180020.65 ft
Station: 2008+52
Offset: 63' RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	
5.2	6-inch thick, brown SILTY CLAY LOAM --TOPSOIL-- Very stiff to hard, SILTY CLAY	0-5	1	5	5	4.92	13	19.8	Dense, gray LOAM	0-5	11	17	20	24	NP	8
		5-10	2	6	6	4.10	15	22.3	Very dense, gray SILT	5-10	12	13	43	50/4	NP	10
		10-15	3	4	5	3.69	18	26.3	Hard, gray SILTY CLAY	10-15	13	17	24	30	8.61	10
		15-20	4	6	6	4.43	13	29.3		15-20	13	17	24	30	8.61	10
		20-25	5	6	7	4.51	13		Boring terminated at 35.00 ft	20-25	13	17	24	30	8.61	10
		25-30	6	6	7	4.51	13			25-30	13	17	24	30	8.61	10
		30-35	7	4	5	6.15	13			30-35	13	17	24	30	8.61	10
		35-40	8	6	8	5.16	12			35-40	12	17	24	30	8.61	10
		40-45	9	5	8	4.76	11			40-45	11	17	24	30	8.61	10
		45-50	10	10	13	9.02	11			45-50	11	17	24	30	8.61	10
		50-55	9	11	15	7.95	11			50-55	11	17	24	30	8.61	10

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-11-2004	Complete Drilling	08-11-2004	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	▽	DRY	
Driller	J&L	Logger	B. Fugiel	Time After Drilling	NA		
Checked by	N. Davis	Depth to Water	▽	NA			
Drilling Method 3.25" ID, HSA; Boring backfilled with bentonite upon completion				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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BORING LOG 6MCD1

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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: 5.32 ft
North: 1839042.28 ft
East: 1179535.04 ft
Station: 2013+50
Offset: 66' RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	
4.8	6-inch thick, brown SILTY CLAY LOAM --TOPSOIL-- Stiff to hard, brown and gray SILTY CLAY	0-4	1	4	4	4.35	17	19.8	Dense, gray LOAM	0-4	11	14	24	33	7.05	10
		4-5	2	4	5	3.44	18	22.3	Very dense, gray SILT	4-5	12	16	32	35	7.71	10
		5-6	3	5	6	4.26	14	26.3	Hard, gray SILTY CLAY	5-6	13	16	34	40	8.12	10
		6-7	4	6	6	4.84	13	29.3		6-7	13	16	34	40	8.12	10
		7-8	5	8	8	1.80	24		Boring terminated at 35.00 ft	7-8	13	16	34	40	8.12	10
		8-9	6	11	15	NP	14			8-9	14	16	34	40	8.12	10
		9-10	7	11	22	4.50	11			9-10	11	16	34	40	8.12	10
		10-11	8	20	34	NP	14			10-11	14	16	34	40	8.12	10
		11-12	9	14	30	NP	18			11-12	18	16	34	40	8.12	10
		12-13	10	15	24	6.81	11			12-13	11	16	34	40	8.12	10

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-11-2004	Complete Drilling	08-11-2004	While Drilling	▽	13.75 ft	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	▽	DRY	
Driller	J&L	Logger	B. Fugiel	Time After Drilling	NA		
Checked by	N. Davis	Depth to Water	▽	NA			
Drilling Method 3.25" ID, HSA; Boring backfilled with bentonite upon completion				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

SHEET 22 OF 30

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
31st STREET to I-57
**BORING LOGS FOR HMLT'S
5 MCD2 & 6 MCD1**

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