

**W** Wang Engineering, INC.  
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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	5	1	5	8	4.92	13	19.8	Dense, gray LOAM	5	11	17	20	NP	8
		10	2	6	8	4.10	15	22.3	Very dense, gray SILT	10	12	13	43	NP	10
		15	3	4	5	3.69	18	26.3	Hard, gray SILTY CLAY	15	13	17	24	8.61	10
		20	4	6	6	4.43	13	29.3		20	13	24	30	B	
		25	5	6	7	4.51	13		Boring terminated at 35.00 ft	25	13	24	30	B	
		30	6	4	5	6.15	13			30	13	24	30	B	
		35	7	6	6	5.16	12			35	13	24	30	B	
		40	8	5	8	4.76	11			40	13	24	30	B	
		45	9	10	13	9.02	11			45	13	24	30	B	
		50	10	9	11	7.95	11			50	13	24	30	B	

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		
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 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	4	1	4	4	4.35	17			4	11	14	24	33	7.05
		8	2	4	5	3.44	18			8	12	16	32	35	7.71
		12	3	3	3	4.26	14			12	13	16	34	40	8.12
		16	4	4	6	4.84	13			16	13	16	34	40	B
		20	5	4	5	1.80	24			20	13	16	34	40	B
		24	6	6	11	NP	14			24	13	16	34	40	B
		28	7	11	22	4.50	11			28	13	16	34	40	B
		32	8	20	34	NP	14			32	13	16	34	40	B
		36	9	14	30	NP	18			36	13	16	34	40	B
		40	10	15	24	6.81	11			40	13	16	34	40	B

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		
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**

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