

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 (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 (%)
5.2	6-Inch thick, brown SILTY CLAY LOAM --TOPSOIL-- Very stiff to hard, SILTY CLAY	0						33.8	Dense, gray LOAM	0					
		5	X	1	5 6 6	4.92	13			5	X	11	17 20 24	NP	8
		10	X	2	6 5 5	4.10	15	22.3	Very dense, gray SILT	10	X	12	13 43 50/4	NP	10
		15	X	3	4 5 6	3.69	18	26.3	Hard, gray SILTY CLAY	15	X	13	17 24 30	8.61	10
		20	X	4	6 5 6	4.43	13	29.3	Boring terminated at 35.00 ft	20	X	13			
		25	X	5	6 6 7	4.51	13			25	X	14			
		30	X	6	4 5 7	6.15	13			30	X	15			
		35	X	7	6 6 8	5.16	12			35	X	16			
		40	X	8	5 8 11	4.76	11			40	X	17			
		45	X	9	10 13 16	9.02	11			45	X	18			
		50	X	10	9 11 15	7.95	11			50	X	19			

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 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: 5.32 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 (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 (%)
4.8	6-Inch thick, brown SILTY CLAY LOAM --TOPSOIL-- Stiff to hard, brown and gray SILTY CLAY	0						33.8	Dense, gray LOAM	0					
		5	X	1	4 4 4	4.35	17			5	X	11	14 24 33	7.05	10
		10	X	2	4 5 5	3.44	18			10	X	12	16 32 35	7.71	10
		15	X	3	3 5 6	4.26	14			15	X	13	16 34 40	8.12	10
		20	X	4	4 5 6	4.84	13			20	X	14			
		25	X	5	4 5 6	1.80	24			25	X	15			
		30	X	6	6 11 15	NP	14			30	X	16			
		35	X	7	11 22 28	4.50	11			35	X	17			
		40	X	8	20 34 48	NP	14			40	X	18			
		45	X	9	14 30 42	NP	18			45	X	19			
		50	X	10	15 24 29	6.81	11			50	X	20			

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.							

TYLIN INTERNATIONAL

LEGEND

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

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

07/15/2004 01:44:59 PM