

Wang Engineering, Inc.
 Consulting Geotechnical and Environmental Engineers
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BORING LOG 6AIJ2
 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: 15.18 ft
 North: 1839583.65 ft
 East: 1175485.76 ft
 Station: 118+00
 Offset: 76' LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
14.4	3-inch thick, black LOAM --TOPSOIL-- Stiff, brown and gray CLAY	0	1	4	1.89	28			0	11	7	5.66	11
		5	2	3	1.23	31			5	12	6	7.38	11
8.7	Very soft to medium stiff, gray CLAY	10	3	1	0.33	46			10	13	3	4.18	15
		15	4	0	0.25	42	17.3	Very dense, gray gravelly SILT	15	14	5	4.84	14
		20	5	0	0.16	23			20	15	2	5.08	15
		25	6	0	0.66	19	22.8	Rock fragments recovered --AUGER REFUSAL-- Boring terminated at 23.5 ft	25	16	3	3.69	14
1.3	Hard, gray gravelly SILTY CLAY	30	7	3	5.33	13			30	17	4	7.79	12
2.2	Medium dense, gray SANDY LOAM	35	8	4	4.76	12			35	18	4	8.61	12
2.8	Hard, gray gravelly SILTY CLAY	40	9	6	5.99	13			40	19	6	9.27	11
		45	10	6	4.89	15			45	20	6	10.25	10

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-27-2004	Complete Drilling	08-27-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&L	Logger	N. Davis	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 6AIJ1
 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: 3.86 ft
 North: 1839569.52 ft
 East: 1175956.17 ft
 Station: 122+79
 Offset: 70' LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
1.4	6-inch thick, black CLAY LOAM --TOPSOIL-- Very stiff to hard, brown and gray CLAY LOAM	0	1	5	5.33	14			0	11	47	NP	10
		5	2	5	2.09	18			5	12	50/2		
1.6	Very stiff to hard, gray SILTY CLAY	10	3	3	4.18	15			10	13	50/2		
		15	4	4	4.84	14	21.6	Very dense, gray SILT	15	14	50/2		
		20	5	2	5.08	15	24.1	--AUGER REFUSAL-- Boring terminated at 24.1 ft	20	15			
		25	6	3	3.69	14	24.3		25	16			
		30	7	4	7.79	12			30	17			
		35	8	4	8.61	12			35	18			
		40	9	6	9.27	11			40	19			
		45	10	6	10.25	10			45	20			

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-19-2004	Complete Drilling	08-19-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	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.							

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
 6 AIJ2 & 6 AIJ1**

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

10/15/2004 12:41:20 PM