

Wang Engineering, INC.
 Consulting Geotechnical and Environmental Engineers
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 1145 Main Street
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BORING LOG 6MIJ1
 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: 0.95 ft
 North: 1839171.99 ft
 East: 1179070.99 ft
 Station: 2018+50
 Offset: 66' RT

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BORING LOG 6MIJ2
 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: -3.46 ft
 North: 1839380.73 ft
 East: 1178701.12 ft
 Station: 2022+91
 Offset: 64' RT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample No. recovery	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample No. recovery	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
0.5	6-Inch thick, brown CLAY LOAM --TOPSOIL-- Very stiff to hard, brown CLAY, with silt Interbeds	0.5	1	6	4	4.18	22	0.5	CLAY	0.5	11	15	8.20	11	
5	Medium dense, gray SILT	5	2	5	2.62	24		5		5	12	25	10.25	11	
7.8	Stiff, gray SILTY CLAY	7.8	3	5	NP	19		7.8		7.8	13	30	5.66	10	
9.5	Hard, gray SILTY CLAY	9.5	4	4	1.72	22		9.5	Boring terminated at 35.00 ft	9.5	13	41			
12.8	Dense, gray, medium SAND Hard, gray SILTY CLAY	12.8	5	4	7.38	12		12.8		12.8	6	4	7.05	13	
15.5	Medium dense to dense, gray SILT to gravelly SILTY LOAM, moist	15.5	6	7	NP	22		15.5		15.5	7	10			
23.5	Hard, gray, gravelly SILTY	23.5	7	7	NP	20		23.5		23.5	8	10			
			8	6	NP	14					9	11			
			9	10	NP	12					10	19			
			10	21							25	21			

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample No. recovery	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample No. recovery	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
-4.0	6-Inch thick, brown CLAY LOAM --TOPSOIL-- Medium dense, brown and gray SILTY LOAM	-4.0	1	6	NP	19		-4.0		-4.0	11	18	5.99	10	
-5	Very stiff to hard, gray SILTY CLAY	-5	2	4	NP	15		-5		-5	12	24	8.28	10	
-7.8	Very stiff to hard, gray SILTY CLAY	-7.8	3	5	4.43	14		-7.8	--AUGER REFUSAL-- Boring terminated at 30.00 ft	-7.8	11	26			
-10		-10	4	2	2.62	15		-10		-10	12	21			
-14.8	Very stiff, gray CLAY	-14.8	5	1	2.30	17		-14.8		-14.8	11	50			
-16.5	Stiff to hard, gray SILTY CLAY	-16.5	6	4	1.80	13		-16.5		-16.5	6	15	7.46	7	
-22.5	Dense, gray SILT	-22.5	7	6	7.46	7		-22.5		-22.5	8	16	7.38	11	
-24.0	Hard, gray gravelly SILTY CLAY, with Interbeds of silt	-24.0	8	9	7.38	11		-24.0		-24.0	9	20	8.45	10	
			9	13	8.45	10					10	21			
			10	13	8.53	11					25	30			

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-12-2004	Complete Drilling	08-12-2004	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	

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LEGEND

NP	NON-PLASTIC
BF	BULGE FAILURE
VS	SHEAR FAILURE
P	POCKET PENETROMETER

TYLIN INTERNATIONAL

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 31st STREET to I-57
 BORING LOGS FOR HMLT'S
 6 MIJ1 & 6 MIJ2

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