

W Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
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BORING LOG 5PIJ3
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: 6.21 ft
North: 1849238.45 ft
East: 1177448.83 ft
Station: 1278+60
Offset: 104' LT

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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 (%)
5.5	8-inch thick, brown SILTY CLAY LOAM --TOPSOIL--			1	4 3 3	NP	7								
	Loose, brown SAND --FILL--														
3.2	Very stiff, gray SILTY CLAY			2	4 3 3	B	2.87	20				10	8 16 15	2.71	22
0.7	Stiff, gray CLAY			3	2 2 3	B	1.80	21	25.8						
	Hard, gray SILTY CLAY			4	2 2 3	B	1.39	20	28.8			11	28 34 45	4.50	9
4.3	Stiff to hard, gray SILTY CLAY			5	2 4 2	B	1.23	19							
				6	2 4 5	B	3.94	15							
				7	9 14 13	S	4.26	12							
				8	5 7 13	B	6.56	13							
				9	6 13 13	S	5.00	11							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-09-2004	Complete Drilling	08-09-2004	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	▽	DRY	
Driller	J&L	Logger	J. Kasnick	Time After Drilling	NA		
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion			Depth to Water	▽	NA	

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BORING LOG 5PIJ2
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: 8.63 ft
North: 1849692.02 ft
East: 1177411.52 ft
Station: 1283+15
Offset: 128' LT

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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 (%)
6.6	Stiff, black and gray CLAY LOAM --FILL--			1	5 5 5	NP	7					11	9 12 16	6.72	12
	Loose to medium dense, fine SAND			2	7 4 5	NP	11					12	9 12 24	4.26	12
2.4	Stiff gray CLAY			3	2 3 4	B	1.97	19							
				4	1 2 3	B	1.56	19				13		4.43	11
				5	1 2 3	B	1.72	20	26.4						
				6	1 2 3	B	1.72	18							
6.9	Stiff to hard, gray gravelly SILTY CLAY to SILTY CLAY LOAM			7	9 17 20	P	4.50	10							
				8	9 13 17	S	1.64	10							
				9	8 12 15	B	5.90	11							
				10	8 13 15	S	6.23	11							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-25-2004	Complete Drilling	08-25-2004	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	

LEGEND

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

TYLIN INTERNATIONAL

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 PIJ3 & 5 PIJ2**

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

10/15/2004 12:50:44 PM