

**Wang Engineering, INC.**  
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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: CDD  
 Elevation: 0.95 ft  
 North: 1839171.99 ft  
 East: 1179070.99 ft  
 Station: 2018+50  
 Offset: 66' RT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
0.5	6-inch thick, brown CLAY LOAM --TOPSOIL--								CLAY						
	Very stiff to hard, brown CLAY, with silt interbeds	1	X	4	6	4.18	22			11	X	15	8.20	11	
		2	X	5	6	2.62	24			12	X	25	10.25	11	
-4.5	Medium dense, gray SILT	5	X	5	6					30	X	38			
		3	X	5	8	NP	19				X				
-7.8	Stiff, gray SILTY CLAY	10	X	4	5	1.72	22			35	X	30	5.66	10	
		4	X	4	5						X	41			
-9.5	Hard, gray SILTY CLAY	15	X	4	7	7.38	12		Boring terminated at 35.00 ft		X	47			
		5	X	7	9						X				
-12.8	Dense, gray, medium SAND	20	X	4	16	7.05	13				X	25			
	Hard, gray SILTY CLAY	15	X	7	10	NP	22				X	11			
		7	X	7	10						X	10			
		8	X	7	10	NP	20				X	10			
		9	X	6	11	NP	14				X	13			
		10	X	10	19	NP	12				X	21			
-23.5	Hard, gray, gravelly SILTY	25	X	10	19						X	21			
		25	X	19	21						X	21			

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	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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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: CDD  
 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 Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
-4.0	6-inch thick, brown CLAY LOAM --TOPSOIL--														
	Medium dense, brown and gray SILTY LOAM	1	X	1	6	NP	19			11	X	18	5.99	10	
		2	X	4	6	NP	15			12	X	24	8.28	10	
		5	X	6	7					30	X	50/5			
-9.0	Very stiff to hard, gray SILTY CLAY	10	X	5	4	4.43	14		--AUGER REFUSAL-- Boring terminated at 30.00 ft		X				
		3	X	5	4						X				
		4	X	3	5	2.62	15				X	5			
		10	X	4	5						X	5			
-14.8	Very stiff, gray CLAY	15	X	1	4	2.30	17				X	6			
		5	X	4	6						X	11			
-16.5	Stiff to hard, gray SILTY CLAY	20	X	4	9	1.80	13				X	11			
		6	X	6	15	7.46	7				X	16			
		7	X	6	15						X	16			
		20	X	9	16	7.38	11				X	21			
-22.5	Dense, gray SILT	25	X	13	20	8.45	10				X	27			
		8	X	13	20						X	27			
		9	X	13	20						X	27			
		10	X	13	21	8.53	11				X	30			
		25	X	13	21						X	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	
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**

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 MIJ1 & 6 MIJ2

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

10/15/2004 12:50:50 PM