

**Wang Engineering, INC.**  
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**BORING LOG 5PEF2** 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: 4.55 ft  
 North: 1849247.51 ft  
 East: 1177707.09 ft  
 Station: 2278+81  
 Offset: 93' RT

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**BORING LOG 5PEF1** 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: -4.55 ft  
 North: 1849700.83 ft  
 East: 1177672.38 ft  
 Station: 2283+35  
 Offset: 72' RT

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 (%)
4.2	4-inch thick, brown SILTY CLAY LOAM														
	--TOPSOIL--														
	Hard, brown SILTY CLAY		1	3	3	4.50	15				11	6	4.43	12	
	--FILL--														
3.6	Stiff to very stiff, brown and gray CLAY		2	7	4	3.77	19				12	7	10.05	12	
			3	3	4	1.39	20								
			4	2	3	1.31	20					16	4.50	10	
			5	1	2	1.56	21								
			6	2	7	3.28	15								
			7	6	9	3.25	13								
			8	7	14	5.66	10								
			9	7	12	9.76	10								
			10	8	12	7.87	11								

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 (%)
5.1	7-inch thick, brown SILTY CLAY LOAM														
	Hard, brown SILTY CLAY		1	11	13	4.50	11								
	--FILL--														
7.6	Hard, gray SILTY CLAY		2	12	17	4.50	10								
			3	11	15	5.17	10								
			4	10	17	6.40	11								
			5	9	13	9.27	12								
			6	6	13	7.46	12								
			7	7	12	9.10	11								
			8	6	13	8.45	11								
			9	14	41	10.25	12								
			10	21	28	10.00	10								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-16-2004	Complete Drilling	08-16-2004	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	

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-17-2004	Complete Drilling	08-17-2004	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	

**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 PEF2 & 5 PEF1

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

10/15/2004 12:50:54 PM