

**W** Wang Engineering, INC.  
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**BORING LOG 60EF2**

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: 11.85 ft  
North: 1841288.21 ft  
East: 1177934.38 ft  
Station: 2044+97  
Offset: 57' RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
11.3	6-Inch thick, brown CLAY LOAM --TOPSOIL-- Stiff to very stiff, brown and gray CLAY to SILTY CLAY	1	X	5	7	1.89	18	13.7	Very stiff to hard, gray SILTY CLAY	11	X	11	12	3.61	12
5		2	X	6	5	2.05	19	30		12	X	7	8	4.51	11
5.3	Medium stiff, gray CLAY	3	X	4	4	0.98	19	35		13	X	15	18	4.50	12
10		4	X	2	2	0.57	21	35	Boring terminated at 35.00 ft						
2.0	Loose, gray, coarse SAND	6	X	0	2	0.66	15								
2.3	Medium stiff, gray CLAY, with gravel	7	X	6	11	4.26	10								
3.7	Very stiff to hard, gray SILTY CLAY	8	X	10	43	3.03	12								
11.2	Dense, gray SILT	9	X	5	7	4.10	13								
25		10	X	8	17	NP	12								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-13-2004	Complete Drilling	08-13-2004	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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**BORING LOG 5AGH5**

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: -10.37 ft  
North: 1839897.49 ft  
East: 1177800.29 ft  
Station: 1158+87  
Offset: 44' LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
10.7	4-Inch thick, brown SILTY CLAY LOAM --TOPSOIL-- Very stiff to hard, brown SILTY CLAY	1	X	4	6	3.28	13	39.1		12	X	4	12	7.38	12
12.9		2	X	7	8	5.41	15	39.5	--WEATHERED BEDROCK--	13	X	21	39.1	3.36	12
15	Very stiff to hard, gray SILTY CLAY, with silt interbeds	3	X	5	6	2.79	15		Boring terminated at 29.10 ft	30					
17		4	X	3	6	7.95	17								
10		5	X	8	9	10.25	10								
12		6	X	4	10	8.77	12								
12		7	X	5	12	8.86	12								
12		8	X	5	11	9.18	12								
10	Hard, gray CLAY, with silt lenses	9	X	6	10	6.72	10								
16	Very stiff to hard, gray SILTY CLAY	10	X	2	3	5.17	16								
13		11	X	4	10	8.20	13								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-20-2004	Complete Drilling	08-20-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	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	

**TYLIN INTERNATIONAL**

**LEGEND**

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

REVISIONS	
NAME	DATE

SHEET 8 OF 30

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)  
31st STREET to I-57

**BORING LOGS FOR HMLT'S  
6 OEF2 & 5 AGH5**

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

10/15/2004 12:50:36 PM