

**Wang Engineering, INC.**  
 Consulting Geotechnical and Environmental Engineers  
 wangeng3@wangeng.com  
 1145 Main Street  
 Lombard, IL 60148  
 Telephone: 630 953-9928  
 Fax: 630 953-9938

**BORING LOG 5RIJ3** Page 1 of 1

WEI Job No.: 414-07-01

Datum: CCD  
 Elevation: 9.47 ft  
 North: ft  
 East: ft  
 Station: 1337+90  
 Offset: 100.5' LT

Client: T. Y. LIN International  
 Project: Dan Ryan Improvements; IDOT No. D-91-421-01  
 Location: From 95th Street to South of 69th Street

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
11.3	Medium dense, gray SANDY GRAVEL with clay interbeds --FILL--	1	6 8 7	NP	10			36.0	Very stiff to hard, gray gravelly SILTY CLAY	11	2 6 7	B	2.71	13	
11.3	Very stiff, black CLAY LOAM --FILL--														
11.3	Loose, brown SAND, with perched water	2	6 4 4	NP	11										
28	Stiff to very stiff, gray CLAY	3	4 3 2	NP	27										
		4	3 2 3	B	19	1.80						6 15 16	2.46	8	
		5	2 3 4	B	20	1.89									
		6	3 5 7	B	17	1.97						6 9 12	3.94	20	
		7	1 2 5	B	19	3.61									
		8	2 5 7	B	18	3.77									
32.0	Very stiff, gray SILTY CLAY	9	3 6 11	S	17	3.20									
34.5	Medium dense, gray SILT	10	4 9 10	NP	23										

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-30-2004	Complete Drilling	08-30-2004	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	Checked by	E. Datz	Depth to Water	∇	NA	
				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

**Wang Engineering, INC.**  
 Consulting Geotechnical and Environmental Engineers  
 wangeng3@wangeng.com  
 1145 Main Street  
 Lombard, IL 60148  
 Telephone: 630 953-9928  
 Fax: 630 953-9938

**BORING LOG 6RIJ2** Page 1 of 1

WEI Job No.: 414-07-01

Datum: CCD  
 Elevation: -3.17 ft  
 North: 1855593.11 ft  
 East: 1177210.10 ft  
 Station: 1342+20  
 Offset: 104' LT

Client: T. Y. LIN International  
 Project: Dan Ryan Improvements; IDOT No. D-91-421-01  
 Location: From 95th Street to South of 69th Street

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
3.9	9-inch thick, very stiff, brown SILTY CLAY LOAM --TOPSOIL--	1	8 6 6 5	B	17	5.82		28.7	Loose, gray SILT	12	2 4 4	NP	21		
	Stiff to hard, gray CLAY to SILTY CLAY, with gravel	2	5 5 5	B	19	2.13			Loose, gray SANDY LOAM						
		3	3 4 5 7	B	17	4.59			Loose, gray SILT						
		4	5 7 8 10	B	17	4.84			Medium dense, gray SANDY GRAVEL						
		5	7 9 8 11	S	13	1.39									
		6	5 7 11	B	12	4.26									
		7	4 7 10	B	13	4.43			Hard, gray gravelly SILTY CLAY, with interbeds of silt				17 27 36	7.13	
		8	6 8 9	B	13	5.17							13 50 50	6.56	
		9	4 5 7	B	13	3.36									
		10	2 5 11	B	13	3.85									
		11	3 5 7	B	20	2.05									
									Boring terminated at 34.50 ft						

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-09-2004	Complete Drilling	08-25-2004	While Drilling	∇	26.80 ft	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	∇	18.00 ft	
Driller	J&L	Logger	J. Kasnick	Time After Drilling	NA		
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion	Checked by	N. Davis	Depth to Water	∇	NA	
				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

**TYLIN INTERNATIONAL**

**LEGEND**

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

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 RIJ3 & 6 RIJ2

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

10/15/2004 12:50:45 PM