

**Wang Engineering, INC.**  
 Consulting Geotechnical and Environmental Engineers  
 wangeng3ewangeng.com  
 1145 Main Street  
 Lombard, IL 60148  
 Telephone: 630 953-9928  
 Fax: 630 953-9938

**BORING LOG 5RIJ3**  
 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

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**BORING LOG 6RIJ2**  
 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.	SPT Values (blow/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blow/6 in)	Qu (tsf)	Moisture Content (%)
16.0	Medium dense, gray SANDY GRAVEL with clay interbeds --FILL--	0	1	6 6 6 7	NP	10	16.0	Very stiff to hard, gray gravelly SILTY CLAY	0	11	6 6 7	2.71	13
7.3	Very stiff, black CLAY LOAM --FILL--	7.3	2	6 4 4	NP	11			7.3	12	3 5 10	4.67	13
6.5	Loose, brown SAND, with perched water	6.5	3	4 3 2	NP	27			6.5	13	6 15 16	2.46	8
2.8	Stiff to very stiff, gray CLAY	2.8	4	3 2 3	1.80	19			2.8	14	3 6 11	3.20	17
			5	2 3 4	1.89	20				15	4 9 10	NP	23
			6	1 2 3	1.97	17				20			
			7	1 2 3	3.61	19				25			
			8	2 3 7	3.77	18							
			9	3 6 11	3.20	17							
			10	4 9 10	NP	23							

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blow/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blow/6 in)	Qu (tsf)	Moisture Content (%)
-3.9	9-inch thick, very stiff, brown SILTY CLAY LOAM --TOPSOIL--	0	1	8 8 8 8 8 8	5.82	17	-28.7	Loose, gray SILT	0	12	2 3 4	NP	21
			2	5 5 5 5 5 5	2.13	19	-30.4	Loose, gray SANDY LOAM	0	13	1 2 9	NP	12
			3	4 4 4 4 4 4	4.59	17	-31.3	Loose, gray SILT	0	14	17 27 36	7.13	12
			4	5 7 8 10	4.84	17	-34.4	Medium dense, gray SANDY GRAVEL	0	15	13 50 58.0	6.56	12
			5	7 9 8 11	1.39	13		Hard, gray gravelly SILTY CLAY, with interbeds of silt	0	16			
			6	5 7 11	4.26	12			0	17			
			7	4 7 10	4.43	13			0	18			
			8	6 6 9	5.17	13			0	19			
			9	4 5 7	3.36	13			0	20			
			10	2 5 11	3.85	13			0	21			
			11	3 5 7	2.05	20			0	22			

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			Depth to Water	▽	NA	

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			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 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