

**Wang Engineering, INC.**  
 Consulting Geotechnical and Environmental Engineers  
 wangeng3@wangeng.com  
 1145 Main Street  
 Lombard, IL 60148  
 Telephone: 630 953-9928  
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**BORING LOG RB-01** Page 1 of 1

WEI Job No.: 414-07-01  
 Datum: CCD  
 Elevation: 7.20 ft  
 North: 1857308.80 ft  
 East: 1177484.16 ft  
 Station: 8417+68  
 Offset: 14.5' LT

Client: T. Y. LIN International  
 Project: Dan Ryan Improvements - Contract 17A  
 Location: Halsted Street to 71st Street

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**BORING LOG RB-02** Page 1 of 1

WEI Job No.: 414-07-01  
 Datum: CCD  
 Elevation: 3.50 ft  
 North: 1857056.33 ft  
 East: 1177445.42 ft  
 Station: 8415+14  
 Offset: 31.5' LT

Client: T. Y. LIN International  
 Project: Dan Ryan Improvements - Contract 17A  
 Location: Halsted Street to 71st Street

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
8.5	8-inch thick, CONCRETE --PAVEMENT--												
4.7	Loose, black SANDY LOAM --POSSIBLE FILL--												
2.2	Loose to medium dense, gray, fine SAND, with perched water	1	266	NP	15								
	Stiff to very stiff, gray CLAY	2	7443	NP	20								
		3	3245	1.00 P	20								
		4	2445	2.00 P	16								
		5	2347	2.50 P	18								
		6	2346	2.00 P	17								
		7	1357	2.25 P	18								
3.5	Stiff to hard, gray gravelly SILTY CLAY	8	45810	1.00 P	18								
-12.8	Boring terminated at 20.00 ft	9	361215	4.50 P	13								

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
3.4	3-inch thick, black LOAM --TOPSOIL--												
1.8	Hard, gray SILTY CLAY LOAM --FILL--	1	38910	4.50 P	9								
1.3	Medium dense, gray SANDY GRAVEL --FILL--	2	10567	4.25 P	17								
	Hard, brown SILTY CLAY --FILL--	3	6458	1.00 P	20								
	Stiff to hard, gray CLAY	4	5468	1.75 P	18								
		5	2357	2.25 P	16								
-6.5	Boring terminated at 10.00 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-26-2004	Complete Drilling	08-26-2004	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	08-26-2004	Complete Drilling	08-26-2004	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	

**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. 94 (DAN RYAN EXPRESSWAY)  
**SOIL BORINGS RB-01 & RB-02**

S.N. DESIGNED BY: DJR  
 SCALE: N.T.S. DRAWN BY: DJR  
 DATE: MARCH 18, 2005 CHECKED BY: JPM