

**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 RB-13** Page 1 of 1

WEI Job No.: 414-07-01  
Client: T. Y. LIN International  
Project: Dan Ryan Improvements - Contract 17A  
Location: Halsted Street to 71st Street

Datum: CCD  
Elevation: -2.89 ft  
North: 1839942.27 ft  
East: 1178212.23 ft  
Station: 2030+69  
Offset: 75' RT

**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 RB-14** Page 1 of 1

WEI Job No.: 414-07-01  
Client: T. Y. LIN International  
Project: Dan Ryan Improvements - Contract 17A  
Location: Halsted Street to 71st Street

Datum: CCD  
Elevation: 2.35 ft  
North: 1841194.24 ft  
East: 1178057.73 ft  
Station: 2033+73  
Offset: 44' RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
4.4	3-inch thick, black LOAM --TOPSOIL--	3.3		1	2	4.00									
	9-inch thick, CRUSHED STONE --BASE COURSE-- Very stiff to hard, gray CLAY	3.3 to 5.0		2	3	3.36	23								
		5.0 to 5.5		3	4	1.89	24								
		5.5 to 7.7		4	7										
	Hard, gray SILTY CLAY	7.7 to 10.9		5	5										
		10.9 to 11.1		6	8	4.35	12								
	Boring terminated at 12.00 ft	11.1 to 14.9													

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
3.3	12-inch thick, black LOAM --TOPSOIL--	0.0		1	0	NP	24								
	Medium dense, gray SANDY GRAVEL	0.0 to 0.3		2	3	4.51	15								
	Hard, gray CLAY	0.3 to 2.7		3	2	NP	15								
	Loose, gray medium SAND, with perched water	2.7 to 3.7		4	12	4.50	12								
	Hard, gray SILTY CLAY	3.7 to 5.7		5	5	4.67	11								
	Hard, gray CLAY	5.7 to 7.7													
	Boring terminated at 10.00 ft	7.7 to 10.0													

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-01-2004	Complete Drilling	09-01-2004	While Drilling	☒	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	☒	DRY	
Driller	J&L	Logger	H. Suhail	Time After Drilling	NA		
Checked by	N. Davis			Depth to Water	☒	NA	
Drilling Method 3.25" ID HSA; Boring backfilled with bentonite upon completion				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-01-2004	Complete Drilling	09-01-2004	While Drilling	☒	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	☒	DRY	
Driller	J&L	Logger	H. Suhail	Time After Drilling	NA		
Checked by	N. Davis			Depth to Water	☒	NA	
Drilling Method 3.25" ID HSA; Boring backfilled with bentonite upon completion				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

**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-13 & RB-14

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