

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-09
 WEI Job No.: 414-07-01
 Datum: CCD
 Elevation: 5.79 ft
 North: 1839283.38 ft
 East: 1173565.81 ft
 Station: 200+69
 Offset: 39

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

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BORING LOG RB-10
 WEI Job No.: 414-07-01
 Datum: CCD
 Elevation: 2.19 ft
 North: 1839311.11 ft
 East: 1173865.28 ft
 Station: 203+69
 Offset: 19

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 Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
5.3	6-inch thick, black LOAM --TOPSOIL-- Very stiff, brown and gray CLAY to SILTY CLAY	0		1	3 5 6	3.50	18								
3.3	Medium dense, brown and gray SANDY GRAVEL --FILL--	2.8		2	3 7 5	3.50	7								
1.3	Very stiff, gray CLAY Hard, gray SILTY CLAY --FILL--	4.3		3	3 5 7	4.50	12								
		4.3		4	3 5 8	4.00	12								
		4.3		5	2 5 8	4.50	13								
-3.7	Hard, gray SANDY CLAY LOAM to CLAY LOAM	10		10	8 11										
-4.2	Boring terminated at 10.00 ft														

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
5.5	8-inch thick, black SANDY LOAM --TOPSOIL-- Stiff to hard, black and gray CLAY LOAM, with interbeds of sandy gravel	0		1	2 3 5 4	4.50	2								
0.8	Hard, gray gravelly CLAY to SILTY CLAY --FILL--	0.8		2	6 4 6	4.50	15								
		5		3	4 5 5	4.50	13								
-4.3	Very stiff, gray CLAY	5.3		4	3 5 6	3.00	15								
	Hard, gray gravelly SILTY CLAY	5.3		5	6 7 10	4.50	13								
		10		10	7 11										
-7.8	Boring terminated at 10.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-27-2004	Complete Drilling	08-27-2004	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	K&A	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	08-27-2004	Complete Drilling	08-27-2004	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	K&A	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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 SOIL BORINGS RB-09 & RB-10

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

TYLIN INTERNATIONAL

03/25/2005 02:54:40 PM