

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-11
 WEI Job No.: 414-07-01

Datum: CCD
 Elevation: 16.25 ft
 North: 1839564.76 ft
 East: 1178677.89 ft
 Station: 8760+06
 Offset: 14' 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 Type recovery	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
15.6	8-inch thick, CONCRETE --PAVEMENT--														
15.0	7-inch thick, CRUSHED STONE --BASE COURSE--														
	Medium stiff to stiff, gray CLAY	1	X	1	3	1.80	20								
		2	X	2	2										
		4	X	2	2	1.07	23								
		5	X	2	2										
		3	X	3	1	1.89	23								
		2	X	2	2										
		4	X	4	1	0.74	19								
		10	X	5	1	0.57	20								
			X	2	2										
			X	2	3										
9.2	Boring terminated at 11.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-10-2004	Complete Drilling	09-10-2004	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		
Drilling Method	3.25" ID, HSA; Boring backfilled with bentonite upon completion.			Depth to Water	∇	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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BORING LOG RB-14
 WEI Job No.: 414-07-01

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

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 Type recovery	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
12.3	12-inch thick, black LOAM --TOPSOIL--														
10.3	Medium dense, gray SANDY GRAVEL	1	X	1	0	NP	24								
	Hard, gray CLAY	2	X	2	4	4.51	15								
		3	X	4	7										
		5	X	5	5										
		3	X	3	2	NP	15								
	Loose, gray medium SAND, with perched water	5	X	3	3										
	Hard, gray SILTY CLAY	4	X	4	12	4.50	12								
		13	X	13	13										
		13	X	13											
	Hard, gray CLAY	5	X	5	9	4.67	11								
		9	X	9	9										
		10	X	9	9										
	Boring terminated at 10.00 ft														

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		
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion.			Depth to Water	∇	NA	
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-11 & RB-14

SCALE: N.T.S. DRAWN BY: RTM
 DATE: MARCH 7, 2006 CHECKED BY: MPG