

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 SB 02-16 Page 1 of 1

WEI Job No.: 414-07-01
 Datum: CCD
 Elevation: 3.60 ft
 North: 1843453.44 ft
 East: 1177847.20 ft
 Station: 2220+84.9
 Offset: 67.486' 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	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 (%)
3.1	6-inch thick, black LOAM --TOPSOIL-- Very stiff, gray CLAY, with gravel	0	1	2 4 5	3.61 B			29.9	Very dense, gray SILTY LOAM, with gravel	0	11	29 46 50/3	NP	11	
0.4	Medium stiff, gray CLAY	5	2	2 2 3	0.57 B			30		30	12	42 28 50/4	NP		
1.9	Very stiff to hard, gray SILTY CLAY, with gravel	10	3	6 5 9	4.26 B			29.9	--BEDROCK--RUN 33.5'-41' 97% REC 59% ROD	35	13	58/3	NP		
		15	4	7 9 13	4.76 B			-31.4	Boring terminated at 41.00 ft	40					
		20	5	6 9 13	4.84 B					45					
		25	6	9 15 17	4.76 B					50					
			7	9 12 19	3.44 B										
			8	6 9 15	6.07 B										
			9	8 11 26	3.85 B										
			10	18 27 33	4.50 P										

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-28-2004	Complete Drilling	02-04-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	T&D	Logger	Y. Shu	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 SB 02-17 Page 1 of 1

WEI Job No.: 414-07-01
 Datum: CCD
 Elevation: 19.18 ft
 North: 1843375.82 ft
 East: 1177916.87 ft
 Station: 2220+05.3
 Offset: 134.907' 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	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 (%)
19.18	2-inch thick, ASPHALT --PAVEMENT--	0	1	5 4 6	NP			6.3	Very stiff to hard, gray SILTY CLAY, with gravel	0	11	5 7 11	4.51 B	12	
18.2	10-inch thick, CONCRETE --PAVEMENT--	0	1	5 4 6	NP					5	12	4 6 9	3.61 B	13	
17.7	6-inch thick, CRUSHED STONE --BASE COURSE--	0	2	3 4 6	NP					30	12	4 6 9	3.61 B	13	
	Medium dense, brown medium SAND --FILL--	5	3	3 4 6	NP					30	12	4 6 9	3.61 B	13	
13.7	Medium stiff, brown and gray CLAY	10	3	3 4 4	0.82 B					35	13	6 8 10	4.67 B	14	
	Very soft to soft, gray CLAY	15	4	1 2 2	0.66 B					40	14	24 28 30	8.36 B	13	
		20	5	0 0 1	0.16 B					45	15	12 13 47	5.66 B	12	
		25	6	1 1 2	0.16 B										
		30	7	0 1 2	0.25 B										
		35	8	0 1 3	0.57 B										
		40	9	3 3 5	2.71 B										
		45	10	6 11 14	NP										

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-09-2004	Complete Drilling	01-09-2004	While Drilling	∇	20.50 ft	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	13.00 ft	
Driller	T&B	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.							



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 RETAINING WALL ALONG STATE ST.
 ENTRANCE RAMP FROM 95TH ST. TO 93RD ST.
 WALL 2A
 BORING LOGS SB02-16 & SB02-17
 S.N. 016-W944
 SCALE: N.T.S.
 DATE: MARCH 18, 2005

DESIGNED BY: DJR
 DRAWN BY: DJR
 CHECKED BY: TD

03/25/2005 11:07:55 AM
 P:\0237\Structure\Wall 02A\SB02-16\SB02-16.dwg