

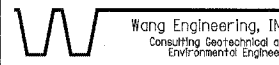
Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG SB 02-09

WEI Job No.: 414-07-01

Datum: CCD
Elevation: 21.78 ft
North: 1843975.22 ft
East: 1177898.59 ft
Station: 2226+05.0
Offset: 133.792' 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



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 02-10

WEI Job No.: 414-07-01

Datum: CCD
Elevation: 1.17 ft
North: 1843894.89 ft
East: 1177836.93 ft
Station: 2225+26.5
Offset: 69.861' 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 No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
21.0	2-inch thick, ASPHALT --PAVEMENT--	0					21.78	Very stiff to hard, gray SILTY CLAY, with gravel	0	11	3 8 11	3.44 B	12
20.0	7-inch thick, CONCRETE --PAVEMENT--	1	5 5 4	NP	10				1	11	3 8 11	3.44 B	12
	Loose, brown GRAVELLY SANDY LOAM --FILL--	5	2	5 2 3	NP	13			2	12	4 11 16	5.29 B	12
15.5	Medium stiff to very stiff, brown and gray CLAY	10	3	5 3 2	2.00 P	23			3	13	8 11 14	5.49 B	12
		15	4	4 2 3	2.00 P	24			4	13	8 11 14	5.49 B	12
		20	5	0 1 2	0.66 B	22			5	13	8 11 14	5.49 B	12
8.8	Very soft, gray CLAY	15	6	1 1 1	0.25 P	20			6	14	4 8 12	4.18 B	12
		20	7	0 1 1	0.25 P	19			7	14	4 8 12	4.18 B	12
		25	8	0 0 0	0.25 P	23	21.8	POSSIBLE BOULDER or BEDROCK --AUGER REFUSAL--	15	15	N/A	N/A	13
		30	9	0 1 2	3.20 B	22			15	15	100/1	N/A	13
0.8	Very stiff, gray SILTY CLAY, with interbeds of clay, sand, and silt	25	10	5 6 7	2.62 B	12			10	10	100/1	N/A	13
2.7	Medium dense, gray SAND	25	10	5 6 7	2.62 B	12			10	10	100/1	N/A	13

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
21.0	6-inch thick, CONCRETE --PAVEMENT--	0					21.78	Boring terminated at 24.25 ft	0				
20.0	6-inch thick, CRUSHED STONE --BASE COURSE--	1	1	13 12 8	2.62 B	16			1	11	3 8 11	3.44 B	12
	Very stiff, gray CLAY --FILL--	5	2	5 5 6	3.94 B	12			2	12	4 11 16	5.29 B	12
	Very stiff, gray CLAY, with gravel	10	3	6 11 17	3.61 B	10			3	13	8 11 14	5.49 B	12
		15	4	7 11 12	3.03 B	12			4	13	8 11 14	5.49 B	12
		20	5	5 9 13	4.84 B	12			5	14	4 8 12	4.18 B	12
		25	6	4 11 15	2.79 B	11			6	14	4 8 12	4.18 B	12
		30	7	6 10 13	4.51 B	11			7	15	5 9 13	4.84 B	12
		35	8	5 7 12	4.10 B	13			8	15	5 9 13	4.84 B	12
		40	9	13 46 50 23	NP	11			9	15	5 9 13	4.84 B	12
	Very dense, gray SILT	45	10	35 50 23	NP	8			10	15	5 9 13	4.84 B	12

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-09-2004	Complete Drilling	01-09-2004	While Drilling	▽	24.70 ft	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	J&L	Logger	K. Jacob	Time After Drilling	NA		
Checked by	N. Davis	Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion	Depth to Water	▽	NA	

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-04-2004	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		
Checked by	N. Davis	Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion	Depth to Water	▽	NA	

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
RETAINING WALL ALONG STATE ST.
93RD ST. TO 91ST ST.
WALL 2B
BORING LOGS SB02-09 & SB02-10
S.N. 016-W961
SCALE: N.T.S.
DATE: MARCH 18, 2005

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