

Wang Engineering, INC.
 Consulting Geotechnical and Environmental Engineers
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BORING LOG SB 70-15 Page 1 of 1

WEI Job No.: 414-07-01
 Client: T. Y. LIN International
 Project: Dan Ryan Improvements; IDOT D-91-421-01
 Location: From 95th Street to 69th Street

Datum: CCD
 Elevation: 9.06 ft
 North: 1853241.58 ft
 East: 1177621.13 ft
 Station: 2318+60.40
 Offset: 131.81' RT

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BORING LOG SB 70-16 Page 1 of 1

WEI Job No.: 414-07-01
 Client: T. Y. LIN International
 Project: Dan Ryan Improvements; IDOT D-91-421-01
 Location: From 95th Street to 69th Street

Datum: CCD
 Elevation: 8.74 ft
 North: 1853171.59 ft
 East: 1177623.65 ft
 Station: 2318+00.95
 Offset: 129.61' RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	OU (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/6 in)	OU (tsf)	Moisture Content (%)
11.9	3-inch thick ASPHALT over 11-inch thick CONCRETE --PAVEMENT--	0	1	16 8 5	NP	6			0	11	7 8 12	6.07 B	14
	Loose to medium dense, brown and gray SAND	5	2	3 3 6	NP	10			5	12	11 12 15	5.33 B	12
3.6	Medium stiff to very stiff, gray CLAY	10	3	3 3 4	0.57 B	21			10	13	11 13 18	7.54 S	12
		15	4	3 3 5	1.56 B	19			15	14	7 9 13	4.43 B	13
		20	5	4 5 7	1.64 B	20			20	15	15 13 17	4.43 B	13
		25	6	2 3 6	1.39 B	20			25	16	7 9 13	4.43 B	13
		30	7	4 6 9	1.23 B	20			30	17	54 75 29	2.54 B	18
		35	8	3 5 8	2.21 B	19	-34.4	Very dense, gray SILT	35	18	5 7 12	3.28 B	17
		40	9	7 11 14	6.97 B	15	-35.4	Hard, gray SILTY CLAY	40	19	64 39 19	4.10 B	14
		45	10	7 9 12	3.77 B	12	-35.9	Hard, gray SILTY CLAY	45	20	57 24 28	6.89 S	14
		50							50				

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	OU (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/6 in)	OU (tsf)	Moisture Content (%)
11.9	3-inch thick ASPHALT over 10-inch thick CONCRETE --PAVEMENT--	0	1	17 8 5	NP	84			0	11	44 21 22	4.92 B	13
	5-inch thick CRUSHED STONE --BASE COURSE--	5	2	3 4 5	NP	15			5	12	47 21 17	4.50 P	13
	Hard, gray CLAY --FILL--	10	3	3 2 5	1.56 B	21			10	13	21 18 19	5.41 B	13
	Loose, brown SAND	15	4	2 3 4	1.23 B	20			15	14	13 13 15	2.87 B	14
		20	5	2 3 5	1.72 B	20			20	15	31 37 48	10.25 S	11
		25	6	2 3 5	1.80 B	18			25	16	64 39 19	4.10 B	14
		30	7	54 75 29	2.54 B	18	-33.3	Very dense, gray SILT	30	17	5 7 12	3.28 B	17
		35	8	3 2 5	1.56 B	21	-35.8	Hard, gray SILTY CLAY	35	18	64 39 19	4.10 B	14
		40	9	2 3 4	1.23 B	20	-36.3	Hard, gray SILTY CLAY	40	19	57 24 28	6.89 S	14
		45	10	2 3 5	1.72 B	20			45	20	64 39 19	4.10 B	14
		50							50				

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-19-2005	Complete Drilling	01-19-2005	While Drilling	∇	DRY	
Drilling Contractor	DLZ Drilling	Drill Rig	D-120 TMR	At Completion of Drilling	∇	DRY	
Driller	E&B	Logger	K. Jacob	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.							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-25-2005	Complete Drilling	01-25-2005	While Drilling	∇	DRY	
Drilling Contractor	DLZ Drilling	Drill Rig	D-120 TMR	At Completion of Drilling	∇	DRY	
Driller	J&R	Logger	K. Jacob	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.							

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 RETAINING WALL ALONG STATE ST.
 77TH ST. TO 78TH ST.
 WALL 70
 BORING LOGS SB70-15 & SB70-16
 S.N. 016-W976
 SCALE: N.T.S.
 DATE: MARCH 18, 2005

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