

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 67-05 Page 1 of 1

WEI Job No.: 414-07-01
 Datum: CCD
 Elevation: 16.63 ft
 North: 1839571.98 ft
 East: 1174738.75 ft
 Station: 110+56.7
 Offset: 107.07' 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	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 (%)
16.4	3-inch thick, ASPHALT --PAVEMENT--							16.4	8.2 Medium dense, gray SAND						
15.7	8-inch thick, CONCRETE --PAVEMENT--							15.7	Very stiff to hard, gray SILTY CLAY to SILTY CLAY LOAM, with gravel						
12.6	Very stiff to hard, black, brown, and gray SILTY CLAY --FILL--	1	5	8	8.36	23		12.6	Very stiff to hard, gray SILTY LOAM	11	5	6	11	4.10	15
	Medium stiff to very stiff, brown and gray CLAY	2	2	3	2.21	21			Very dense, gray SILTY LOAM	12	7	8	14	3.61	12
		3	2	4	1.64	20		15.4		13	5	8	3	NP	10
		4	1	3	0.98	18				13	5	8	3	NP	10
6.1	Very stiff, gray SILTY CLAY	5	2	4	2.62	12				13	5	8	3	NP	10
2.2	Medium dense, gray SILTY LOAM	6	6	8	2.21	11		21.9	--AUGER REFUSAL--						
1.1	Very stiff, gray SILTY CLAY LOAM, with interbeds of silt	7	5	10	3.53	11			Gray, finely crystalline, medium bedded, slightly to moderately weathered, strong DOLOSTONE	40					
2.7	Medium dense, gray SILT	8	5	8	3.12	12			--BEDROCK--						
3.9	Very stiff, gray SILTY CLAY	9	4	6	2.87	16			38.5'-43.5' REC=86% ROD=69%						
5.2		10	5	6	3.28	16			Boring terminated at 43.50 ft	45					

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-11-2004	Complete Drilling	02-11-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	T&D	Logger	J. Kasnick	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 67-06 Page 1 of 1

WEI Job No.: 414-07-01
 Datum: CCD
 Elevation: 16.66 ft
 North: 1839574.59 ft
 East: 1174811.59 ft
 Station: 111+29.6
 Offset: 107.902' 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	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 (%)
16.4	2-inch thick, ASPHALT --PAVEMENT--							16.4	8.2 Medium dense, gray SAND						
15.7	10-inch thick, CONCRETE --PAVEMENT--							15.7	Very stiff to hard, gray SILTY CLAY to SILTY CLAY LOAM, with gravel						
12.6	Medium stiff to hard, black, brown, and gray CLAY --FILL--	1	6	9	4.92	23		12.6	Very stiff to hard, gray SILTY LOAM	11	4	4	9	3.44	15
		2	4	5	3.28	20			Very dense, gray SILTY LOAM	12	5	9	12	7.46	12
		3	4	6	2.87	18		15.4		13	5	8	3	NP	10
		4	3	4	0.82	20				13	11	32	45	5.17	9
6.2	Very stiff, gray CLAY	5	2	4	2.62	19		18.3	Boring terminated at 35.00 ft						
2.2	Medium dense, gray LOAM, with gravel	6	3	5	3.85	15									
1.5	Very stiff to hard, gray SILTY CLAY	7	6	9	NP	9									
		8	4	6	4.76	12									
		9	3	4	3.12	15									
		10	3	5	2.71	16									

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-12-2004	Complete Drilling	02-12-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&L	Logger	Y. Shiu	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

SHEET 15 OF 18

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 RETAINING WALL ALONG W. 98TH PLACE
 PARNELL TO C&W RR
 WALL 67
 BORING LOGS SB67-05 & SB67-06
 S.N. 016-W952
 SCALE: N.T.S.
 DATE: MARCH 25, 2005

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

03/29/2005 03:57:43 PM
 WANGENG 4140701.GPJ WANGENG.DWG 2/17/04