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### BORING LOG SB 39-09

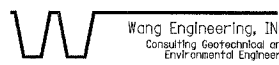
WEI Job No.: 414-07-01

Client: T. Y. LIN International

Project: Dan Ryan Improvements; IDOT No. D-91-421-01

Location: From 95th Street to South of 69th Street

Datum: CCD  
Elevation: 6.60 ft  
North: 1846990.87 ft  
East: 1177478.02 ft  
Station: 1256+42.9  
Offset: 138.933' LT



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### BORING LOG SB 39-10

WEI Job No.: 414-07-01

Client: T. Y. LIN International

Project: Dan Ryan Improvements; IDOT No. D-91-421-01

Location: From 95th Street to South of 69th Street

Datum: CCD  
Elevation: 6.92 ft  
North: 1847067.23 ft  
East: 1177481.43 ft  
Station: 1256+89.1  
Offset: 133.348' LT

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 (%)
6.7	2-inch thick ASPHALT, over 9-inch thick CONCRETE	0	1	2 6	2.75	19	18.9	Dense, gray SILTY LOAM	0	11	11 17 20	NP	11
5.1	7-inch thick CRUSHED STONE	1	2	2 2	0.49	26			1	12	14 20 26	NP	11
3.6	Very stiff, brown SILTY CLAY LOAM	2	3	1 1 1	0.33	23			2	13	8 25	NP	7
	Soft, gray CLAY	5	4	1 1 1	0.41	23			3	14	40 80 92.4	NP	7
		10	5	1 10 12	NP	13			4	15		NP	
	Medium dense, gray SILT, with sand and clay interbeds	15	6	6 12 12	NP	14			5	20		NP	
		20	7	3 5 6	2.87	14			6	25		NP	
	Very stiff to hard, gray SILTY CLAY to CLAY	25	8	2 3 6	3.28	14			7	30		NP	
			9	3 6 9	5.66	13			8	35		NP	
			10	5 10 11	5.08	12			9	40		NP	

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 (%)
6.4	6-inch thick, SANDY LOAM, with gravel	0	1	8 5 5	NP	20			0	11	5 10 20	NP	11
	Medium dense, gray SANDY LOAM, with gravel	1	2	2 3 3	1.23	24			1	12	10 20 30	NP	11
	Medium stiff to very stiff, gray CLAY	5	3	1 1 1	0.74	24			2	13	16 44 58	NP	8
		10	4	1 1 2	0.57	41			3	14	50	NP	
		15	5	1 2 4	1.56	18			4	15		NP	
		20	6	3 4 7	2.38	20			5	20		NP	
	Hard, gray SILTY CLAY, with gravel	25	7	3 6 13	4.18	B			6	25		NP	
	Very stiff, gray CLAY	30	8	3 5 6	3.69	13			7	30		NP	
	Medium dense, gray SILT to SILTY LOAM	35	9	4 12 16	NP	10			8	35		NP	
	Very stiff, gray SILTY CLAY to CLAY	40	10	3 12 8	3.44	11			9	40		NP	

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-03-2004	Complete Drilling	02-03-2004	While Drilling	∇	DRY	
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	S. Janowski	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	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	

WANGENG-4140701-01; WANGENG-02 2/10/04

WANGENG-4140701-01; WANGENG-02 2/10/04



REVISIONS	
NAME	DATE

SHEET 17 OF 18

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
RETAINING WALL ALONG LAFAYETTE AVE.  
89TH ST. TO 87TH ST.  
WALL 39  
BORING LOGS SB39-09 & SB39-10  
S.N. 016-W951      DESIGNED BY: DJR  
SCALE: N.T.S.      DRAWN BY: DJR  
DATE: MARCH 25, 2005      CHECKED BY: TD

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