

**Wang Engineering, INC.**  
 Consulting Geotechnical and Environmental Engineers  
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 1145 Main Street  
 Lombard, IL 60148  
 Telephone: 630 953-9928  
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**BORING LOG SB SGN 08A** Page 1 of 1

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: -3.94 ft  
 North: 1847790.70 ft  
 East: 1177644.51 ft  
 Station: 2264+34  
 Offset: 9' LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
5.1	14-inch thick, CONCRETE --PAVEMENT--												
	Stiff to hard, gray gravelly SILTY CLAY, with silt interbeds		1	3 2 4	1.97 B	28		Boring terminated at 25.40 ft					
		5	2	8 8 8	3.69 B	19			30				
		10	3	5 8 15	4.00 P	13							
		15	4	4 6 8	3.61 B	13			35				
		20	5	6 11 12	4.51 B	12							
		25	6	6 8 12	4.02 B	12			40				
			7	4 8 12	4.84 B	12							
			8	6 15 33	4.50 P	11			45				
			9	9 30 34	4.50 P	9							
			10	12 50 25	2.71 S	11			50				

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-05-2005	Complete Drilling	04-05-2005	While Drilling	☑	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▼	DRY	
Driller	J&L	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.							

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**BORING LOG SB SGN 09A** Page 1 of 1

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: -6.37 ft  
 North: 1849621.27 ft  
 East: 1177599.76 ft  
 Station: 2282+42  
 Offset: 12' LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
4.4	14-inch thick, CONCRETE --PAVEMENT--												
	4-inch thick, CRUSHED STONE --BASE COURSE--												
	Hard, gray gravelly SILTY CLAY, with silt interbeds		1	10 5 7	4.50 P	12		Boring terminated at 26.00 ft					
		5	2	12 12 12	4.50 P	11			30				
		10	3	10 13 18	4.50 P	10							
		15	4	5 9 12	6.89 B	12			35				
		20	5	5 10 15	8.94 B	12			40				
			6	4 11 16	7.63 S	12			45				
			7	5 9 12	6.48 S	11							
			8	6 18 33	6.56 B	12			50				
	Gray, finely crystalline, medium bedded, slightly to moderately weathered, strong DOLOSTONE												
	21'-26' bgs Recovery = 84%												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-06-2005	Complete Drilling	04-06-2005	While Drilling	☑	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▼	DRY	
Driller	J&L	Logger	N. Davis	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.							

**LEGEND**

NP	NON-PLASTIC
B	BULGE FAILURE
S	SHEAR FAILURE
P	POCKET PENETROMETER

**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 SOIL BORINGS SB-SGN-8A & SB-SGN-9A

SCALE: N.T.S. DRAWN BY: RTM  
 DATE: MARCH 7, 2006 CHECKED BY: MPG