

**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 SP-33**

WEI Job No.: 414-07-01

Datum: CCD  
 Elevation: 3.50 ft  
 North: 1840133.23 ft  
 East: 1177143.95 ft  
 Station: 136+63  
 Offset: 39' 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 recovery	Sample No.	SPT Values (blows/6 in)	OU (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/6 in)	OU (tsf)	Moisture Content (%)
2.5	12-inch thick, brown LOAM --TOPSOIL--			1											
	Hard, brown SILTY CLAY			1		4.50	19								
				3											
				5											
1.0	Medium dense, brown LOAM			2		NP	14								
				9											
				6											
-0.8	Stiff, brown CLAY			3		1.00	19								
				3											
				3											
-2.5	Stiff to hard, brown to gray SILTY CLAY			4		3.00	15								
				5											
				3											
				7											
				5											
				10											
				6		2.50	13								
				8											
				13											
				13											
-8.5	Boring terminated at 12.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-19-2005	Complete Drilling	09-19-2005	While Drilling	∇	DRY	
Drilling Contractor	Precon Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&L	Logger	S. Sugiarto	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 SP-34**

WEI Job No.: 414-07-01

Datum: CCD  
 Elevation: 2.23 ft  
 North: 1839911.57 ft  
 East: 1176912.11 ft  
 Station: 133+36  
 Offset: 33' 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 recovery	Sample No.	SPT Values (blows/6 in)	OU (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/6 in)	OU (tsf)	Moisture Content (%)
1.6	8-inch thick, CONCRETE --PAVEMENT--														
	Very dense, green and gray GRAVELLY SAND with slag --FILL--			1	13 38	NP	10								
				8											
				2	37 56 42	NP	39								
-1.8	Hard, gray SILTY CLAY			3		4.50	15								
				7											
				7											
-2.8	Medium dense, gray SAND			3	6 3										
	Very stiff to hard, SILTY CLAY			4		3.50	14								
				3											
				5											
				3											
				5											
				10											
				6		4.50	15								
				3											
				5											
				6											
-9.8	Boring terminated at 12.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-28-2005	Complete Drilling	08-28-2005	While Drilling	∇	DRY	
Drilling Contractor	Precon Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&L	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.							

**LEGEND**

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

**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE