

**Wang Engineering, INC.**  
Consulting Geotechnical and Environmental Engineers  
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**BORING LOG SP-20**  
WEI Job No.: 414-07-01  
Client: T. Y. LIN International, Inc.  
Project: Dan Ryan Contracts 62304 (20) and 62593 (23)  
Location: City of Chicago, Cook County, Illinois

Datum: CCD  
Elevation: -3.73 ft  
North: 1839338.09 ft  
East: 1178609.82 ft  
Station: 2023+39  
Offset: 25' LT

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 (%)
4.4	10-inch thick, CONCRETE														
4.6	--PAVEMENT--														
	Medium dense, gray SILTY LOAM	1		2		NP	12								
	--A-4 (1)-- --LL=23%, PL=20%--	2		6		NP	14								
		3		6											
5.7	Stiff to very stiff, gray SILTY CLAY LOAM	6		6		3.00 P	14								
		7		3											
		8		3											
		9		3		1.50 P	15								
		10		4											
		11		2											
		12		2		2.50 P	14								
		13		4											
		14		4											
		15		4		1.50 P	15								
15.7	Boring terminated at 12.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-12-2005	Complete Drilling	09-12-2005	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	

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**BORING LOG SP-21**  
WEI Job No.: 414-07-01  
Client: T. Y. LIN International, Inc.  
Project: Dan Ryan Contracts 62304 (20) and 62593 (23)  
Location: City of Chicago, Cook County, Illinois

Datum: CCD  
Elevation: -6.55 ft  
North: 1839548.47 ft  
East: 1178388.07 ft  
Station: 2026+41  
Offset: 20' LT

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 (%)
4.4	10-inch thick, CONCRETE														
4.6	--PAVEMENT--														
	14-inch thick CRUSHED STONE	1		8		NP	3								
	--BASE COURSE--	2		5											
	Very stiff to hard, gray SILTY CLAY	3		5		4.50 P	12								
		4		5											
		5		5		4.00 P	16								
		6		2											
		7		4		3.50 P	16								
		8		4											
		9		6											
		10		7		4.50 P	13								
		11		10											
		12		6											
		13		11		3.50 P	14								
		14		17											
18.6	Boring terminated at 12.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-12-2005	Complete Drilling	09-12-2005	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	

**LEGEND**

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

**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE