



Illinois Department of Transportation
Division of Highways
AMERICAN GEOENGINEERING, INC.

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Date 4/6/05

ROUTE F.A.I. 1-90 / I-94 DESCRIPTION Dan Ryan Expressway (D-91-419-01) LOGGED BY R.P.
(1919.15A, ETC.)
SECTION 2122-921PT.1) R-3 LOCATION Chicago, Illinois
COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	D E P T H	3 0 S	U C S	M O D I S	Surface Water Elev. _____ ft	D E P T H	B O S	U C S	M O D I S
BRING NO. STB-47	2442+19.93					Groundwater Elev.:				
Station	2442+19.93					First Encounter -6.4 ft				
Offset	3.57ft (N33R)					Upon Completion _____ ft				
Ground Surface Elev. 3.09	ft	(ft x /6")	(tsf)	(%)		After _____ Hrs. _____ ft	(ft x /6")	(tsf)	(%)	
Asphalt, 2"	2.92					Hard / Dense				
Concrete, 12"	1.92					Gray				
Sub Base, Gravel (FILL)		12				SILTY CLAY LOAM / SILTY	8			
		20				LOAM (continued)	16	5.9	10.0	
		15					18	B		
						Medium Dense				
		5				Gray				
		8				SAND, trace silt and clay	11			
		5					13			
	-1.91	5					15			
Stiff to Hard						Hard / Very Dense				
Gray						Gray				
SILTY CLAY LOAM		3				SILTY CLAY LOAM / SILTY	22			
		4	1.3	18.0		LOAM	24	9.9	11.0	
		9		B			26	S		
		2					15			
10-Inch Sand Seam		7	4.9	16.0			22	12.0	11.0	
		8		B			26	S		
		8								
		11	7.4	14.0						
		11		B						
Hard / Dense										
Gray										
SILTY CLAY LOAM / SILTY							20			
LOAM		12	6.2	13.0			30	12.3	11.0	
		13		B			32	S		
						End of Boring				
		10								
		16	8.3	13.0						
		16		B.S						
		9								
		11	7.4	14.0						
		12		B						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)



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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
BORING LOG

SCALE: NONE
DATE: 7/7/05
DRAWN BY: RLK
CHECKED BY: PJM

06/24/2005 04:30 PM