



Illinois Department of Transportation
Division of Highways
AMERICAN GEOTECHNICAL ENGINEERING, INC.

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

STRUCT. NO.	D	B	U	M	Surface Water Elev.	ft	D	B	U	M
Station	E	L	C	O	Stream Bed Elev.	ft	E	L	C	O
BORING NO.	P	0	S	U	Groundwater Elev.:		P	0	S	U
Station	T	W	Qu	S	First Encounter	ft	T	W	Qu	S
Offset	H	S		T	Upon Completion	ft	H	S		T
Ground Surface Elev.	ft (ft (1/6" (tsf) (%)				After	ft	ft (ft (1/6" (tsf) (%)			
ASPHALT, 2"					Very Stiff to Hard					
Concrete, 10"					Gray					
		7			SILTY CLAY LOAM (continued)					
			7.2	15.0						
		7	B							
		3								
		6	4.5	11.0						
		5	P							
		7								
		9	3.3	5.0						
		7	B							
					Hard / Very Dense					
		8			Gray					
		7	4.1	17.0	SILTY CLAY LOAM / SILTY					
		8	B		LOAM					
		10	6.9	13.0						
		12	S							
Medium Dense										
Gray										
SILT										
		17								
		15		15.0						
		14								
Very Stiff to Hard					End of Boring					
Gray										
SILTY CLAY LOAM										
		7								
		12	9.1	13.0						
		12	B+S							
		9								
		14	5.1	15.0						
			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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Station	E	L	C	O	Stream Bed Elev.	ft	E	L	C	O
BORING NO.	P	0	S	U	Groundwater Elev.:		P	0	S	U
Station	T	W	Qu	S	First Encounter	ft	T	W	Qu	S
Offset	H	S		T	Upon Completion	ft	H	S		T
Ground Surface Elev.	ft (ft (1/6" (tsf) (%)				After	ft	ft (ft (1/6" (tsf) (%)			
ASPHALT, 2"					Hard / Very Dense					
Concrete, 9"					Gray					
		6			SILTY CLAY LOAM / SILTY					
			27	8.4	LOAM (continued)					
		5		10.0						
		23	8.4	11.0						
		35	S							
		5								
		22	7.8	12.0						
		25	38	S						
Very Stiff										
Gray										
CLAY										
		4			Auger Refusal @ 26.5 feet					
		5	2.7	19.0	End of Boring					
		7	B							
		5	3.8	13.0						
		7	B							
		6								
		5	2.9	18.0						
		11	B							
		4								
		5	3.2	18.0						
		9	B							
		14.08								
Dense										
Gray										
SAND with CLAY										
		7								
		16		12.0						
		16								
		11								
		8	5.7	11.0						
		27	S							

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 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
 SB EXPRESS LANE RECONSTRUCTION
 SIGN FOUNDATION BORING LOGS
 SCALE: NONE
 DATE: 7/7/05
 DRAWN BY: RLK
 CHECKED BY: PJM

18/05/00/035/35/Con/18/05/00/035/35/352/257