



Illinois Department of Transportation  
 Division of Highways  
 AMERICAN GEOTECHNICAL ENGINEERING, INC.  
**SOIL BORING LOG**

Page 1 of 1

Date 2/3/05

ROUTE F.A.I. I-94 / I-90 DESCRIPTION Dan Ryan Expressway (D-91-419-01) LOGGED BY RP.  
 SECTION \_\_\_\_\_ LOCATION Chicago, Illinois  
 COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. Station	BORING NO. Station	Offset	Ground Surface Elev.	D E P T H (ft)	B L O W S (blows)	U C S (tsf)	M O D E (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After _____ Hrs.	D E P T H (ft)	B L O W S (blows)	U C S (tsf)	M O D E (%)	Soil Description	
																			ft
95th Street	B95-1	1206+74.18	-4.13ft (SBDP)	-2.58															
Asphalt, 7"			-3.16																Dense to Very Dense Gray SILT / SILTY LOAM (continued)
Concrete, 8"			-3.83																
Sub Base, Gravel (FILL)			-5.83		15														
Gray Sand and Clay (FILL)			-10.00		6														
Very Loose Gray, Wet SAND			-12.58		1														
Hard / Dense Gray SILTY CLAY LOAM / SILTY LOAM			-17.58		11														
Dense to Very Dense Gray SILT / SILTY LOAM					20														

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, Form 137 (Rev. 8-99)



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																			ft
95th Street	B95-3	1208+90.74	-4.13ft (SBDP)	-1.73															
Asphalt, 6"			-2.23																
Concrete, 8"			-2.90																
Sub Base, Gravel (FILL)			-3.40																
Gray Clay and Sand (FILL)			-6.73		4														
Very Stiff to Hard Gray SILTY CLAY LOAM			-11.73		4														
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM					8														
Dense to Very Dense Gray SILT / SILTY LOAM					20														

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**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 B95-1 & B95-3

SCALE: N.T.S. DRAWN BY: MPG  
 DATE: MARCH 1, 2006 CHECKED BY: JPM