



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

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Date 2/3/05

ROUTE F.A.I. I-94 / I-90 DESCRIPTION Dan Ryan Expressway (0-91-419-01) LOGGED BY R.P.

SECTION _____ LOCATION Chicago, Illinois

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	D	B	U	M
BORING NO.	Station	DEPTH	LOG	CLASS	TEST	Stream Bed Elev.	DEPTH	LOG	CLASS	TEST
	Offset	(ft)	(%)	(tsf)	(%)	Groundwater Elev.:	(ft)	(%)	(tsf)	(%)
	Ground Surface Elev.					First Encounter				
	<u>79th Street</u>					<u>ft</u>				
<u>B79-7</u>	<u>1313+84.03</u>					<u>ft</u>				
	<u>-4.26ft (SBDR)</u>					Upon Completion				
	<u>-7.52</u> ft					After _____ Hrs.				
Asphalt, 8"	-8.19					Hard / Dense				
Concrete, 8"	-8.85					Gray				
Sub Base, Gravel (FILL)	-9.69					SILTY CLAY LOAM / SILTY LOAM (continued)				
Very Stiff to Hard Gray CLAY		6								
		7	3.3	19.0						
		8	B							
		4								
		7	4.9	17.0						
		8	B							
Hard / Dense Gray SILTY CLAY LOAM / SILTY LOAM	-12.52	8	B			End of Boring				
		8								
		9	5.5	12.0						
		11	S							
		8								
		8	6.6	12.0						
		8	S							
		9								
		9	6.3	13.0						
		10	B							
		8								
		8	8.3	12.0						
		10	B							
		12								
		12	7.7	10.0						
		14	S							
		15								
		16	1.4	10.0						
		17	S							

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)

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 B79-7

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