



Illinois Department of Transportation
Division of Highway Maintenance & Construction

SOIL BORING LOG

Page 1 of 1

Date 7/6/05

ROUTE F.A.I. 90 / 1-94 DESCRIPTION Dan Ryan Expressway (I-91-419-80) LOGGED BY RP

SECTION LOCATION Chicago, Illinois

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. Station	D E P T H F T	B L O W S	U N D E R S T R I C T I O N	M O D E L	Surface Water Elev. Stream Bed Elev.	ft ft	D E P T H F T	B L O W S	U N D E R S T R I C T I O N	M O D E L
BORING NO. 1621463.02 Station 1491+81 Ground Surface Elev. -2.87	19	1/61	140	00						
Asphalt, 12"										
Concrete, 12"										
Sub Base FILL	12									
	14									
	18									
	5									
	8									
	7									
Very Silty Gray SILTY CLAY LOAM	2									
	2	21	10.3							
	2	8								
Soft to Medium Stiff Gray CLAY	1									
	2	8.7	23.8							
	1	8								
	1	8.5	28.8							
	2	8								
	1	8.6	28.8							
	2	8								
	1	8.4	25.8							
	3	8								
	1	8.6	24.8							
	2	8								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by @ (Duke, S-Shear, P-Parallels) or
The SPT (N) value is the sum of the last two blow values in each sampling zone (MAGNIT T280) BBS, Form 137 (Rev. 8-99)



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BORING NO. 1621463.02 Station 1491+81 Ground Surface Elev. -2.87	19	1/61	140	00						
Asphalt, 12"										
Concrete, 12"										
Sub Base FILL	12									
	14									
	18									
	5									
	8									
	7									
Very Silty Gray SILTY CLAY LOAM	2									
	2	24	28.8							
	3	8								
Very Soft to Medium Stiff Gray CLAY	1									
	1	8.2	24.8							
	1	8.4	24.8							
	2	8								
	1	8.4	23.8							
	1	8								
	2	8.5	23.8							
	1	8.5	26.8							
	1	8								

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BORING NO. 1621463.02 Station 1491+81 Ground Surface Elev. -2.87	19	1/61	140	00						
Asphalt, 12"										
Concrete, 12"										
Sub Base FILL	12									
	14									
	18									
	5									
	8									
	7									
Medium Stiff to Stiff Gray CLAY	2									
	3	16	17.8							
	2	8								
	2	18	21.8							
	3	8								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by @ (Duke, S-Shear, P-Parallels) or
The SPT (N) value is the sum of the last two blow values in each sampling zone (MAGNIT T280) BBS, Form 137 (Rev. 8-99)

F.A.I. 90/94	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COOK	598	424T
STA.	TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	
			1181B, ETC, 2324.6-1PR-9 62302	

ADDED SHEET SB-05



REVISIONS	
NAME	DATE
ADDENDUM #2	9-26-05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
71ST STREET TO 31ST STREET (SB EXPRESS LANES)
SOIL BORING LOGS
SCALE: NONE DRAWN BY: PHP
DATE: September 16, 2005 CHECKED BY: JAL