

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	598	448
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62302		• (1818, ETC, 2324.6-1P)R-9		

BORING SEL-7



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

SOIL BORING LOG

Page 1 of 1

Date 1/28/05

ROUTE F.A.I. 1-90 / I-94 DESCRIPTION Dan Ryan Expressway (D-91-419-01) LOGGED BY R.P.

SECTION 1818, ETC, 2324.6-1P)R-9 LOCATION Chicago, Illinois

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	None	D	B	U	M	Surface Water Elev.	ft	D	B	U	M
Station	Wall-SEL	P	O	S	I	Stream Bed Elev.	ft	P	O	S	I
BORING NO.	SEL-7	T	W	S	T	Groundwater Elev.:		T	W	S	T
Station	1420+46.70	H	S	Q	T	First Encounter	Dry	H	S	Q	T
Offset	-38.39ft (SBDP)					Upon Completion	ft				
Ground Surface Elev.	2.63	ft	(ft)	(%)	(%)	After	Hrs	(ft)	(%)	(%)	(%)
Concrete 10"						Hard / Dense					
	1.81					Gray					
Sub Base, Gravel (FILL)	1.13	6				SILTY CLAY LOAM / SILTY LOAM (continued)		12			
Very Stiff to Hard Gray		7	B	4.2	14.0			19	4.5	10.0	
SILTY CLAY LOAM		5						19	P		
		5						10			
		6	2.8		12.0			15	10.9	11.0	
		8	P					19	S		
		6				End of Boring		-22.37	-25		
		5									
		5	2.7		19.0						
		8	B								
		5									
		7	3.6		15.0						
		10	B								
		5									
		6	3.9		14.0						
		8	B								
		5									
		5	3.6		13.0						
		8	B								
		11									
		10	7.6		13.0						
		14	B								
Hard / Dense Gray	-14.87										
SILTY CLAY LOAM / SILTY LOAM		9									
		12	8.5		13.0						
		15	B,S								
		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, from 137 (Rev. 6-99)

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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
RETAINING WALL SEL
SOIL BORINGS 3
SB STA. 1416+88.18 TO STA. 1421+97.41
STRUCTURE NO. NONE

SCALE: 1" = 20'
DATE: 01/17/05
DRAWN BY: ABW
CHECKED BY: EL

I:\NO-300180\35\Con 148\SCADD\USV\Retaining Wall\Plan\Sel-Final\Drawn-42.dgn 06/24/2005 12:46:55 PM