

Illinois Department of Transportation SOIL BORING LOG Page 1 of 1
 Date 4/6/05
 ROUTE F.A.I. 1-90 / 1-94 DESCRIPTION Dan Ryan Expressway (D-91-419-01) LOGGED BY R.P.
 SECTION 2122-921 PT 1.1 B-3 LOCATION Chicago, Illinois

COUNTY	Cook	DRILLING METHOD	Hollow Stem Auger				HAMMER TYPE	Automatic												
			D	B	U	M		D	B	U	M									
STRUCT. NO.																				
Station	Sign Structures																			
BORING NO.	STB-54																			
Station	4586484.69																			
Offset	-12.734 (NBLUC)																			
Ground Surface Elev.	5.15																			
Asphalt, 2"	0.02																			
Concrete, 10"	3.15																			
Sub Base, Gravel (FILL)	20																			
Very Loose to Medium Dense Brown, coarse SAND, trace Gravel	1.68																			
Very Stiff to Hard Gray SILTY CLAY LOAM (continued)	11																			
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	20.81																			
Very Stiff to Hard Gray SILTY CLAY LOAM	4.81																			
Ground Surface Elev.	2.9																			
Very Stiff to Hard Gray SILTY CLAY LOAM	5																			
Ground Surface Elev.	3.0																			
Very Stiff to Hard Gray SILTY CLAY LOAM	5																			
Ground Surface Elev.	4.5																			
Very Stiff to Hard Gray SILTY CLAY LOAM	10																			
Ground Surface Elev.	6.3																			
Very Stiff to Hard Gray SILTY CLAY LOAM	12																			
Ground Surface Elev.	9.1																			
Very Stiff to Hard Gray SILTY CLAY LOAM	17																			
Ground Surface Elev.	21																			

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) BSS, from 137 (Rev. 8-99)

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COUNTY	Cook	DRILLING METHOD	Hollow Stem Auger				HAMMER TYPE	Automatic												
			D	B	U	M		D	B	U	M									
STRUCT. NO.																				
Station	Sign Structures																			
BORING NO.	STB-55																			
Station	4586482.00																			
Offset	-13.077 (NBLUC)																			
Ground Surface Elev.	5.14																			
Asphalt, 2"	0.02																			
Concrete, 10"	0.26																			
Sub Base, Gravel (FILL)	12																			
Very Stiff Gray CLAY	1.75																			
Very Stiff to Hard Gray SILTY CLAY LOAM	4.26																			
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM (continued)	10																			
Very Stiff to Hard Gray SILTY CLAY LOAM	4																			
Ground Surface Elev.	2.5																			
Very Stiff to Hard Gray SILTY CLAY LOAM	4																			
Ground Surface Elev.	4.0																			
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	8																			
Very Stiff to Hard Gray SILTY CLAY LOAM	12																			
Ground Surface Elev.	6.2																			
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	13																			
Very Stiff to Hard Gray SILTY CLAY LOAM	10																			
Ground Surface Elev.	7.4																			
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	14																			
Very Stiff to Hard Gray SILTY CLAY LOAM	10																			
Ground Surface Elev.	9.2																			
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	18																			
Very Stiff to Hard Gray SILTY CLAY LOAM	8																			
Ground Surface Elev.	10.4																			
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	10																			
Very Stiff to Hard Gray SILTY CLAY LOAM	8																			
Ground Surface Elev.	12.0																			
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	10																			
Very Stiff to Hard Gray SILTY CLAY LOAM	10																			
Ground Surface Elev.	14.0																			
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	10																			
Very Stiff to Hard Gray SILTY CLAY LOAM	10																			
Ground Surface Elev.	17.0																			
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	10																			
Very Stiff to Hard Gray SILTY CLAY LOAM	10																			
Ground Surface Elev.	18.0																			
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	10																			
Very Stiff to Hard Gray SILTY CLAY LOAM	10																			
Ground Surface Elev.	21.0																			
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	10																			
Very Stiff to Hard Gray SILTY CLAY LOAM	10																			
Ground Surface Elev.	24.0																			
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	10																			
Very Stiff to Hard Gray SILTY CLAY LOAM	10																			
Ground Surface Elev.	26.0																			
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	10																			
Very Stiff to Hard Gray SILTY CLAY LOAM	10																			
Ground Surface Elev.	29.0																			
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	10																			
Very Stiff to Hard Gray SILTY CLAY LOAM	10																			
Ground Surface Elev.	33.0																			
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	10																			
Very Stiff to Hard Gray SILTY CLAY LOAM	10																			
Ground Surface Elev.	35.0																			
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	10																			
Very Stiff to Hard Gray SILTY CLAY LOAM	10																			
Ground Surface Elev.	37.0																			
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	10																			
Very Stiff to Hard Gray SILTY CLAY LOAM	10																			
Ground Surface Elev.	40.0																			
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM	10																			
Very Stiff to Hard Gray SILTY CLAY LOAM	10																			
Ground Surface Elev.	42.0																			
Hard / Very Dense Gray SILTY CLAY LOAM / SIL																				