

ROUTE F.A.I. 1-90 / 1-94 DESCRIPTION Dan Ryan Expressway (D-91-419-01) LOGGED BY R.P.
 SECTION (2021-922 PT 1,2 & 2122-921) LOCATION Chicago, Illinois
 COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 016-W907 Station (Wall-EA)
 BORING NO. RWD-1 Station 509+65.06 Offset 10.11ft (WELL)
 Ground Surface Elev. 19.40

DEPTH (ft)	SOIL DESCRIPTION	TESTS	VALUES
0-19.20	Asphalt, 2" Concrete, 10"		
19.20-18.40	Black Sand w/ Clay and Silt (FILL)		
16.90	Medium Dense Brown to Gray, Medium to Fine SAND		
14.00	B/Ftg El 14.00 Unit 1		
11.00	Hard / Dense Gray SILTY CLAY LOAM / SILTY LOAM		
8.90	Very Loose Gray SILTY LOAM		
4.40	Very Stiff Gray CLAY		
1.90	Very Stiff to Hard Gray, trace gravel SILTY CLAY LOAM		

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 (ASTM D206) BBS, from 137 (Rev. 8-99)

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STRUCT. NO. 016-W907 Station (Wall-EA)
 BORING NO. RWD-2 Station 510+38.46 Offset 17.97ft (WELL)
 Ground Surface Elev. 18.86

DEPTH (ft)	SOIL DESCRIPTION	TESTS	VALUES
0-17.85	Asphalt, 2" Concrete, 10"		
17.85-16.00	Loose to Medium Dense Brown to Gray, Medium to Fine SAND		
12.00	B/Ftg El 12.00 Unit 2		
8.64	Hard / Dense Gray SILTY CLAY LOAM / SILTY LOAM		
6.36	Very Loose Gray SILTY LOAM		
3.86	Very Stiff Gray CLAY		
1.36	Very Stiff to Hard Gray, trace gravel SILTY CLAY LOAM		

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STRUCT. NO. 016-W907 Station (Wall-EA)
 BORING NO. RWD-3 Station 511+13.22 Offset 26.28ft (WELL)
 Ground Surface Elev. 13.99

DEPTH (ft)	SOIL DESCRIPTION	TESTS	VALUES
0-17.99	Asphalt, 2" Concrete, 10"		
16.99	Medium Dense Brown to Gray, Medium to Fine SAND		
10.00	B/Ftg El 10.00 Unit 3		
7.01	Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM		
5.49	Loose Gray SILTY LOAM		
2.99	Very Stiff Gray CLAY		

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STRUCT. NO. 016-W907 Station (Wall-EA)
 BORING NO. RWD-4 Station 511+92.17 Offset 35.56ft (WELL)
 Ground Surface Elev. 15.37

DEPTH (ft)	SOIL DESCRIPTION	TESTS	VALUES
0-14.37	Grass and Topsoil, 12"		
14.37-11.00	Loose to Medium Dense Brown to Gray, Medium to Fine SAND		
7.00	B/Ftg El 7.00 Unit 4		
5.37	Loose Gray SILTY LOAM		
4.37	Medium Stiff to Very Stiff Gray CLAY		
2.13	Hard Gray, trace gravel SILTY CLAY LOAM		

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STRUCT. NO. 016-W907 Station (Wall-EA)
 BORING NO. RWD-5 Station 512+40.01 Offset 40.33ft (WELL)
 Ground Surface Elev. 13.19

DEPTH (ft)	SOIL DESCRIPTION	TESTS	VALUES
0-12.44	Grass and Topsoil, 8"		
12.44-10.00	Loose to Medium Dense Brown to Gray, Medium to Fine SAND		
6.00	B/Ftg El 6.00 Unit 5		
4.63	Medium Dense Gray SILTY LOAM		
3.19	Very Stiff to Hard Gray CLAY		
1.61	Hard Gray, trace gravel SILTY CLAY LOAM		

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CONSOLIDATED ENVIRONMENTAL ENGINEERS, INC.
 303 EAST WACKER DRIVE, SUITE 600
 CHICAGO, ILLINOIS 60601-5202, PHONE: (312) 938-0300

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 SOIL BORING LOGS
 SOUTH WELLS STREET RETAINING WALL
 WEST 63RD STREET TO WEST 62ND STREET
 SECTION (2021-922PT.1-AC)
 STATION 509+41.43 TO 513+00.04
 COOK COUNTY SN. 016-W907

SCALE: None DRAWN BY: ET/CHD
 DATE: October 29, 2004 CHECKED BY: CG/AJS

10/27/2004 04:45:38 PM