

Illinois Department of Transportation SOIL BORING LOG

ROUTE F.A.I. 1-90 / I-94 DESCRIPTION Dan Ryan Expressway (D-91-419-01) LOGGED BY R.P.
 SECTION (2021-922 PT 1.2 & 2122-921 PT1) R-4 LOCATION Chicago, Illinois
 COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	ft	D	B	U	M
Station	P	L	C	O	Stream Bed Elev.	ft	P	L	C	O
BORING NO.	T	W	S	I	Groundwater Elev.:	ft	T	W	S	I
Station	H	S	Q	T	First Encounter	ft	H	S	Q	T
Offset					Upon Completion	ft				
Ground Surface Elev.					After	Hrs.				
016-W903, W906					16.56					
(WELL ED)					16.72					
RWE-9					6.7					
532+44.00										
-3.65ft (WELL)										
16.68										
Asphalt, 1.5"										
Concrete, 10"										
Brown Sand & Gravel (FILL)										
Medium Dense Brown, Medium to Fine SAND, trace Gravel (Possible Back Fill)										
Loose Gray SILTY LOAM										
Stiff Gray CLAY										
Very Stiff Gray 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 (AASHTO T206) BBS, from 137 (Rev. 8-99)

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

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Station	H	S	Q	T	First Encounter	ft	H	S	Q	T
Offset					Upon Completion	ft				
Ground Surface Elev.					After	Hrs.				
016-W903, W906					16.56					
(WELL ED)					16.72					
RWE-10					4.0					
533+16.82										
-3.63ft (WELL)										
16.51										
Asphalt, 1.5"										
Concrete, 9"										
Brown Sand and Sub Base (FILL)										
Loose to Medium Dense Brown, Medium to Coarse SAND (Possible Back Fill)										
Medium Dense Gray SILT										
Hard / Dense Gray SILTY CLAY LOAM / SILTY LOAM										
Very Stiff Gray CLAY										

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RWE-10					4.0					
533+16.82										
-3.63ft (WELL)										
16.51										
Asphalt, 2"										
Concrete, 8.5"										
Brown Sub Base and Sand, trace Gravel (FILL)										
Loose Brown, Medium to Coarse SAND (Possible Back Fill)										
Hard / Dense Gray SILTY CLAY LOAM / SILTY LOAM										
Very Dense Gray SILT										
Loose Gray, Moist SILTY LOAM										
Very Stiff Gray CLAY										

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Ground Surface Elev.					After	Hrs.				
016-W903, W906					16.56					
(WELL ED)					16.72					
RWE-11					3.8					
533+66.29										
-3.63ft (WELL)										
16.29										
Asphalt, 2"										
Concrete, 8.5"										
Brown Sub Base and Sand, trace Gravel (FILL)										
Loose Brown, Medium to Coarse SAND (Possible Back Fill)										
Hard / Dense Gray SILTY CLAY LOAM / SILTY LOAM										
Loose Gray, Moist SILTY LOAM										
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2021-922PT.1-AC	COOK	460	330
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62693				

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

REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 SOIL BORING LOGS
 SOUTH WELLS ST. RETAINING WALL
 WEST 61ST STREET TO WEST 59TH STREET
 SECTION 2021-922PT.1-AC
 STATION 523+36.03 TO STATION 533+88.42
 COOK COUNTY S.N. 016-W964, 016-W894
 SCALE: None DRAWN BY: SR
 DATE: October 29, 2004 CHECKED BY: MK