

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation SOIL BORING LOG
Page 1 of 1
Date 6/26/04

ROUTE F.A.I. 1-90 / 1-94 DESCRIPTION Dan Ryan Expressway (D-91-419-01) LOGGED BY M.S.
SECTION (2021-922 PT 1.2 & 2122-921) LOCATION Chicago, Illinois

STRUCT. NO.	DRILLING METHOD	HOLLOW STEM AUGER	HAMMER TYPE	Automatic
016-W887-W965				
Station (Wall - R)				
BORING NO. BER-6				
Station 126+61.17				
Offset -44.67ft (NW)				
Ground Surface Elev. 1.68				
Asphalt, 12"				
Concrete, 12"				
Sub Base (Fill)				
Very Stiff Gray CLAY				
Hard Gray SILTY CLAY LOAM				
Medium Dense Gray SILT				
Hard Gray SILTY CLAY LOAM				
End of Boring				

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)

Illinois Department of Transportation SOIL BORING LOG
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Date 5/29/03

ROUTE F.A.I. 1-94 / 1-90 DESCRIPTION Dan Ryan Expressway (D-91-419-01) LOGGED BY A.P.
SECTION (1919-15A, ETC, 2122-921 PT. 1) LOCATION Chicago, Illinois

STRUCT. NO.	DRILLING METHOD	HOLLOW STEM AUGER	HAMMER TYPE	Automatic
016-W886				
Station (Wall - R)				
BORING NO. BER-8				
Station 127+05.88				
Offset -5.80ft (NW)				
Ground Surface Elev. 18.74				
Asphalt, 11"				
Sub Base (Fill)				
Very Stiff Gray CLAY				
Hard Gray SILTY CLAY LOAM				
End of Boring				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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Date 1/30/03

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

STRUCT. NO.	DRILLING METHOD	HOLLOW STEM AUGER	HAMMER TYPE	Automatic
016-W886				
Station (Wall - R)				
BORING NO. BER-8				
Station 127+05.88				
Offset -5.80ft (NW)				
Ground Surface Elev. 18.74				
Asphalt, 3"				
Concrete, 12"				
Sub Base (Fill)				
Brown to Black Sand and Brick Chips (Fill)				
Medium Dense Gray SAND, trace Gravel (Possible Back Fill)				
V. Moist				
Very Loose Gray, Moist SILTY LOAM				
Stiff Gray CLAY				
End of Boring				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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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

STRUCT. NO.	DRILLING METHOD	HOLLOW STEM AUGER	HAMMER TYPE	Automatic
016-W886				
Station (Wall - R)				
BORING NO. BER-9				
Station 127+05.88				
Offset -5.80ft (NW)				
Ground Surface Elev. 18.74				
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM				
Stiff to Very Stiff Gray CLAY				
Very Stiff to Hard Gray SILTY CLAY LOAM				
End of Boring				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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SECTION (2021-922 PT 1.2 & 2122-921) LOCATION Chicago, Illinois

STRUCT. NO.	DRILLING METHOD	HOLLOW STEM AUGER	HAMMER TYPE	Automatic
016-W887-W965				
Station (Wall - Z)				
BORING NO. BER-7				
Station 127+38.42				
Offset -43.15ft (NW)				
Ground Surface Elev. 0.93				
Asphalt, 11.5"				
Aggregate, Sub Base (Fill)				
Gray, Fine Sand, Trace Silt and Gravel (Fill)				
Stiff to Very Stiff Gray CLAY				
Very Stiff to Hard Gray SILTY CLAY LOAM				
End of Boring				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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SECTION (2021-922 PT 1.2&2122-921) LOCATION Chicago, Illinois

STRUCT. NO.	DRILLING METHOD	HOLLOW STEM AUGER	HAMMER TYPE	Automatic
016-W886				
Station (Wall - R)				
BORING NO. BER-9				
Station 127+05.88				
Offset -3.20ft (NW)				
Ground Surface Elev. 18.54				
Asphalt, 3"				
Concrete, 12"				
Brown to Black Sub Base and Sand, trace Gravel and Brick Chips (Fill)				
Medium Dense Brown, Fine to Medium SAND, trace Gravel (Possible Back Fill)				
V. Moist				
Loose Gray, Moist SILTY LOAM				
Stiff to Very Stiff Gray CLAY				
End of Boring				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2021-922PT.1-AC	COOK	460	275
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
62693				

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CTE ENGINEERS
CONSOER TOWNSEND ENVIRONMENTAL ENGINEERS, INC.
303 EAST WACKER DRIVE, SUITE 600
CHICAGO, ILLINOIS 60601-5382, PHONE: (312) 938-0300

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
SOIL BORING LOGS
SOUTH WENTWORTH AVENUE RETAINING WALL
WEST 59TH STREET TO WEST 63RD STREET
SECTION 2021-922 PT.1-AC
STATION 122+46.54 TO 130+53.87
COOK COUNTY S.N. 016-W887-W965
SCALE: None DRAWN BY: SR
DATE: October 29, 2004 CHECKED BY: JSS/MM

FILED: 8/20/04 10:27:22 AM