

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2021-922PT.1-AC	COOK	460	307
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Illinois Department of Transportation SOIL BORING LOG Page 1 of 2
Date 7/10/03

ROUTE F.A.I. 1-90 / 1-94 DESCRIPTION Dan Ryan Expressway (D-91-419-01) LOGGED BY A.P.
SECTION 12021-922 PT.1,2 & 2122-921 LOCATION Chicago, Illinois

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	STATION	BORING NO.	STATION	Groundwater Elev.		Surface Water Elev.	Stream Bed Elev.	D	B	U	M	Soil Description									
				ft	ft							ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
016-W903-W906	(Wall Eb)	RWB-1	519+95.27	8.2	8.2							Asphalt, 2"									
												Concrete, 9"									
												Sand and Sub Base (Fill)	17								
												Brown, wet Sand, trace Clay (Fill)	16.68	18							

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)

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				ft	ft							ft	ft	ft	ft	ft	ft	ft	ft	ft	
016-W903-W906	(Wall Eb)	RWB-2	519+70.39	8.2	8.2							Asphalt, 2"									
												Concrete, 10"									
												Sub Base (Fill)	12								
												Brown, fine to medium Sand w/ Clay & Silt (Fill)	16.68	13							

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)

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				ft	ft							ft	ft	ft	ft	ft	ft	ft	ft	ft	
016-W903-W906	(Wall Eb)	RWB-2	519+70.39	8.2	8.2							Very Stiff to Hard / Very Dense Gray SILTY CLAY LOAM / SILTY 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)

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				ft	ft							ft	ft	ft	ft	ft	ft	ft	ft	ft	
016-W903-W906	(Wall Eb)	RWB-3	520+46.02	7.1	7.1							Asphalt, 2"									
												Concrete, 10"									
												Sub Base (Fill)	11								
												Brown Sand and Clay (Fill)	15.57	7							

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)

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				ft	ft							ft	ft	ft	ft	ft	ft	ft	ft	ft	
016-W903-W906	(Wall Eb)	RWB-3	520+46.02	7.1	7.1							Hard / Very Dense Gray SILTY CLAY LOAM / SILTY 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)

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				ft	ft							ft	ft	ft	ft	ft	ft	ft	ft	ft	
016-W903-W906	(Wall Eb)	RWB-4	521+17.63	6.7	6.7							Asphalt, 3"									
												Concrete, 8"									
												Sub Base (Fill)	12								
												Brown Sand and Clay (Fill)	15.24	11							

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)

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CTE ENGINEERS
CONSIDER TOMASEND 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 62ND STREET TO WEST 59TH STREET
SECTION 2021-922PT.1-AC
STATION 513+16.20 TO 528+23.69
COOK COUNTY SN. 016-W906-W903

SCALE: None DRAWN BY: SR
DATE: October 29, 2004 CHECKED BY: MK

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