STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 57	**	IROQUOIS	190	55
FED. ROAD DIST. NO.	ILLINOIS			

**(38-4)RS-2, (38-4)BR CONTRACT NO. 66757

Sheet 10 of 11 Sheets

Illinois Department of Transportation
Division of Highways
District #3, Ottawa

SOIL BORING LOG

Page 1 of 2

Date 5/1/62

ROUTE FAI 57 (I57) DESCRIPTION FAI Rt 57 over Prairie Creek LOGGED BY H.W.B.

SECTION (38-3,4)RS-2, (38-4)BR LOCATION NW 1/4, SW 1/4, SEC. 7, TWP. 27N, RNG. 14W, 2nd PM

COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE

STRUCT. NO. 038-0012
Station 348+54.5

BORING NO. B-1: S Abut S.B.L.
Station 348+75
Offset 96.00ft Rt of CL on Skew
Ground Surface Elev. 656.61 ft

Surface Water Elev. 648.73 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion None ft
After 24 Hrs. 611.6 ft

Description	Elev. (ft)	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
Very stiff, brownish black, Clay	653.11		12	2.5 B	24.0
Very stiff, olive brown, Clay	648.11	-5	14	2.5 B	24.0
Hard, gray, Clay Till	640.61	-10	10	2.5 B	23.0
		-15	22	7.0 B	21.0
Very stiff, gray, Clay Till	623.11	-20	25	6.0 B	17.0
Very stiff, gray, Clay Till (continued)	618.11	-25	16	4.3 B	18.0
Stiff, gray, Clay Till	616.61	-30	15	2.9 B	19.0
Very stiff, gray, Clay Till		-35	14	2.3 B	20.0
		-40	25	2.5 B	21.0
		-45	11	2.1 B	21.0
		-50	13	2.7 B	23.0
		-55	14	2.7 B	20.0
		-60	13	2.3 B	20.0
		-65	10	1.6 B	22.0
		-70	9	1.9 B	24.0

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
Division of Highways
District #3, Ottawa

SOIL BORING LOG

Page 2 of 2

Date 5/1/62

ROUTE FAI 57 (I57) DESCRIPTION FAI Rt 57 over Prairie Creek LOGGED BY H.W.B.

SECTION (38-3,4)RS-2, (38-4)BR LOCATION NW 1/4, SW 1/4, SEC. 7, TWP. 27N, RNG. 14W, 2nd PM

COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE

STRUCT. NO. 038-0012
Station 348+54.5

BORING NO. B-1: S Abut S.B.L.
Station 348+75
Offset 86.00ft Rt of CL on Skew
Ground Surface Elev. 656.61 ft

Surface Water Elev. 648.73 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion None ft
After 24 Hrs. 611.6 ft

Description	Elev. (ft)	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
Medium, fine, Sand and Silty Clay layers	615.61		13	2.1 B	24.0
Medium, gray, fine to coarse, angular, Sand	612.11		14	-- --	
Stiff, gray, Clay Till		-45	11	1.9 B	27.0
		-50	8	1.0 B	29.0
Very stiff, gray, Clay Till	605.61		13	1.8 B	25.0
		-55	16	2.7 B	25.0
		-60	17	2.9 B	25.0
		-65	16	3.1 B	25.0
Very stiff, gray, Clay Till (continued)	596.11		17	2.7 B	23.0
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)

BORING #1

Illinois Department of Transportation
Division of Highways
District #3, Ottawa

SOIL BORING LOG

Page 1 of 2

Date 5/2/62

ROUTE FAI 57 (I57) DESCRIPTION FAI Rt 57 over Prairie Creek LOGGED BY H.W.B.

SECTION (38-3,4)RS-2, (38-4)BR LOCATION NW 1/4, SW 1/4, SEC. 7, TWP. 27N, RNG. 14W, 2nd PM

COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE

STRUCT. NO. 038-0011
Station 348+54.5

BORING NO. B-2: S Abut N.B.L.
Station 348+75
Offset 42.00ft Lt of CL on Skew
Ground Surface Elev. 656.47 ft

Surface Water Elev. 648.73 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion None ft
After 24 Hrs. None ft

Description	Elev. (ft)	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
Stiff, brownish black, Clay	652.97		13	1.0 E	26.0
Stiff, olive brown, Clay	650.47	-5	11	1.8 B	25.0
Very stiff, olive brown, Clay	647.97		14	2.3 B	22.0
Hard, gray, Clay Till	642.97	-10	20	6.6 S	15.0
Very stiff, gray, Clay Till		-15	15	5.0 B	20.0
		-20	11	2.5 B	21.0
		-25	11	2.0 B	20.0
Very stiff, gray, Clay Till (continued)		-30	13	2.9 B	20.0
		-35	14	2.3 B	20.0
		-40	15	2.5 B	19.0
		-45	16	3.1 B	19.0
Very stiff, gray, Silty Clay Till	622.97	-50	16	3.1 B	20.0
		-55	14	2.9 B	19.0
		-60	17	3.1 B	20.0
Very stiff, gray, Clay Till	617.97	-65	17	2.9 B	19.0

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

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ROUTE FAI 57 (I57) DESCRIPTION FAI Rt 57 over Prairie Creek LOGGED BY H.W.B.

SECTION (38-3,4)RS-2, (38-4)BR LOCATION NW 1/4, SW 1/4, SEC. 7, TWP. 27N, RNG. 14W, 2nd PM

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STRUCT. NO. 038-0011
Station 348+54.5

BORING NO. B-2: S Abut N.B.L.
Station 348+75
Offset 42.00ft Lt of CL on Skew
Ground Surface Elev. 656.47 ft

Surface Water Elev. 648.73 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After 24 Hrs. None ft

Description	Elev. (ft)	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
Very stiff, gray, Clay Till (continued)	615.47		16	3.1 B	24.0
Stiff, gray, Clay Till	612.97		14	1.8 B	25.0
Very stiff, gray, Clay Till	610.47	-45	17	3.3 B	23.0
Stiff, gray, Clay Till	607.97		14	1.9 B	24.0
Very stiff, gray, Clay Till	605.97	-50	16	2.3 B	24.0
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)

BORING #2

DESIGNED -	S.F.M.
CHECKED -	J.A.M.
DRAWN -	S.A.P.
CHECKED -	S.F.M. & J.A.M.

SOIL BORING LOGS
I-57 OVER
DANFORTH TOWNSHIP DRAINAGE DITCH
F.A.I. ROUTE 57
SECTION (38-4)RS-2, (38-4)BR
IROQUOIS COUNTY
STATION 348+54.50
S.N. 038-2021

4440 ASH GROVE
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FEHR-GRAHAM & ASSOCIATES, LLC
ENGINEERING AND SCIENCE CONSULTANTS
FREEPORT, IL ROCKFORD, IL ROCHELLE, IL MONROE, WI SPRINGFIELD, IL

JOB NO.: 468101
FILE: BORINGS(1).DGN
DATE: 11/11/08