

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 57	••	IROQUOIS	190	77
FED. ROAD DIST. NO.	ILLINOIS			
** (38-4)RS-2, (38-4)BR3			CONTRACT NO. 66757	
Sheet 10 of 11 Sheets				



SOIL BORING LOG

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ROUTE FAI 57 (I57) DESCRIPTION I-57 over stream LOGGED BY H.W.B.

SECTION 38-4B 3 LOCATION NE 1/4, SE 1/4, SEC. 30, TWP. 27N, RNG. 11E, 3rd PM

COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE

STRUCT. NO. 038-0167 Station 507+51

BORING NO. B-1 S About S.B.L. Station 507+71

Offset 70.00R Rt of CL on Skew

Ground Surface Elev. 648.73 ft

Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After 48 Hrs.	(ft) (ft)	(ft) (ft)	(%) (%)
641.12				None	615.2	8	1.8	20.0
						8	2.3	21.0
						8	1.8	25.0
						5	0.8	28.0
						29	9.7	18.0
						12	3.9	21.0
						9	2.3	18.0

Very stiff, brownish black, Clay

Stiff, yellowish brown, Clay

Medium, yellowish brown, Clay

Hard, gray, Clay Till

Very stiff, gray, Clay Till with fine, Sand & Silt pockets

Stiff, gray, Clay Till

Stiff, gray, Silty Clay Till

Stiff, gray, Clay Till

Very stiff, gray, Clay Till, some Sand layers

Stiff, gray, Clay Till

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)



SOIL BORING LOG

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ROUTE FAI 57 (I57) DESCRIPTION I-57 over stream LOGGED BY H.W.B.

SECTION 38-4B 3 LOCATION NE 1/4, SE 1/4, SEC. 30, TWP. 27N, RNG. 11E, 3rd PM

COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE

STRUCT. NO. 038-0167 Station 507+51

BORING NO. B-1 S About S.B.L. Station 507+71

Offset 70.00R Rt of CL on Skew

Ground Surface Elev. 648.73 ft

Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After 48 Hrs.	(ft) (ft)	(ft) (ft)	(%) (%)
641.12				None	615.2	14	2.3	14.0
						17	1.8	26.0
						10	1.8	28.0
						11	3.1	23.0
						15	3.7	22.0
						15	2.7	24.0
						16	2.7	23.0
						17	--	20.0

Very stiff, gray, Clay Till, some Sand layers (continued)

Stiff, gray, Clay Till, some Silt layers

Very stiff, gray, Clay Lacustrine (continued)

Very stiff, gray, valved, Clay

Very stiff, gray, Clay Till

Very stiff, gray, Clay Loam Till

Stiff, gray, Clay Lacustrine

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



SOIL BORING LOG

Page 1 of 2

ROUTE FAI 57 (I57) DESCRIPTION I-57 over stream LOGGED BY H.W.B.

SECTION 38-4B 3 LOCATION NE 1/4, SE 1/4, SEC. 30, TWP. 27N, RNG. 11E, 3rd PM

COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE

STRUCT. NO. 038-0168 Station 507+51

BORING NO. B-2 S About N.B.L. Station 507+69

Offset 45.00R Lt of CL on Skew

Ground Surface Elev. 649.02 ft

Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After 24 Hrs.	(ft) (ft)	(ft) (ft)	(%) (%)
641.12				None	599.0	8	1.4	25.0
						8	2.0	19.0
						8	1.8	27.0
						7	1.6	26.0
						20	5.2	19.0
						24	7.8	18.0
						17	5.2	25.0
						9	1.9	24.0

Stiff, brownish black and yellowish brown, Clay

Stiff, gray, Clay Till (continued)

Stiff, gray, Sandy Clay Till

Hard, olive brown and gray, Clay Till

Stiff, gray, Clay Till, some 3"-4" layers of fine, Sand and Silt

Stiff, gray, Clay Till

Very stiff, gray, Clay Till

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



SOIL BORING LOG

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ROUTE FAI 57 (I57) DESCRIPTION I-57 over stream LOGGED BY H.W.B.

SECTION 38-4B 3 LOCATION NE 1/4, SE 1/4, SEC. 30, TWP. 27N, RNG. 11E, 3rd PM

COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE

STRUCT. NO. 038-0168 Station 507+51

BORING NO. B-2 S About N.B.L. Station 507+69

Offset 45.00R Lt of CL on Skew

Ground Surface Elev. 649.02 ft

Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After 24 Hrs.	(ft) (ft)	(ft) (ft)	(%) (%)
641.12				None	599.0	8	2.3	25.0
						10	2.3	19.0
						11	2.7	23.0
						11	1.9	26.0
						14	2.5	23.0
						18	3.1	23.0
						15	3.1	23.0

Very stiff, gray, Clay Till (continued)

Stiff, gray, Clay Till

Stiff, gray, Clay Till

Stiff, gray, Clay Till

Stiff, gray, Clay Till

Stiff, gray, Clay Till

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)

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)BR3
IROQUOIS COUNTY
STATION 507+51.00
S.N. 038-2019

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JOB NO.: 46810K
FILE: BORINGS(D).DGN
DATE: 11/11/08