

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 57	••	IROQUOIS	190	66

FED. ROAD DIST. NO. ILLINOIS Contract No. 66757
Sheet 10 of 11 Sheets

Illinois Department of Transportation
SOIL BORING LOG Page 1 of 2
Date 5/7/62

ROUTE FAI 57 (I-57) DESCRIPTION FAI Rt 57 over Danforth #3 Drainage Ditch LOGGED BY HWB
SECTION (38-3,4)RS-2, (38-4)BR1 LOCATION NE 1/4, SE 1/4, SEC. 18, TWP. 27N, RNG. 11E, 3rd PM

STRUCT. NO.	Station	DRILLING METHOD	HOLLOW STEM AUGER	HAMMER TYPE	Manual Hammer
038-0158	399+18.5	D E L C O S I	U P O S I	M O S I	M O S I
BORING NO. B-1 S About S.B.L. Station 399+37.5					
Offset 36.00ft RI of CL on Skew					
Ground Surface Elev. 649.62 ft (ft) (6'') (tsf) (%)					
Groundwater Elev.: First Encounter None ft					
Upon Completion None ft					
After 24 Hrs. 544.6 ft (ft) (6'') (tsf) (%)					
Soil Yellowish Brown and Black CLAY					
Surface Water Elev. 643.82 ft					
Stream Bed Elev. 628.12 ft					
Groundwater Elev.: First Encounter None ft					
Upon Completion None ft					
After 24 Hrs. 544.6 ft (ft) (6'') (tsf) (%)					
Soil Very Stiff Gray CLAY (Till) (continued)					
9 1.6 22.0					
Soil Very Stiff Yellowish Brown and Gray CLAY					
646.12 11 1.0 24.0					
Soil Very Stiff Gray CLAY (Till)					
628.12 11 1.6 21.0					
Soil Medium Light Brown Rounded SAND					
642.62 8 2.5 27.0					
Soil Hard Gray CLAY (Till)					
641.12 12 --- ---					
Soil Very Stiff Gray CLAY (Till)					
641.12 14 3.3 22.0					
Soil Hard Gray CLAY (Till)					
641.12 14 3.1 20.0					
Soil Very Stiff Gray CLAY (Till)					
633.52 22 10.3 16.0					
Soil Very Stiff Gray CLAY (Till)					
631.12 11 3.3 20.0					
Soil Stiff Gray CLAY (Till)					
631.12 14 2.7 20.0					

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
SOIL BORING LOG Page 2 of 2
Date 5/7/62

ROUTE FAI 57 (I-57) DESCRIPTION FAI Rt 57 over Danforth #3 Drainage Ditch LOGGED BY HWB
SECTION (38-3,4)RS-2, (38-4)BR1 LOCATION NE 1/4, SE 1/4, SEC. 18, TWP. 27N, RNG. 11E, 3rd PM

STRUCT. NO.	Station	DRILLING METHOD	HOLLOW STEM AUGER	HAMMER TYPE	Manual Hammer
038-0158	399+18.5	D E L C O S I	U P O S I	M O S I	M O S I
BORING NO. B-1 S About S.B.L. Station 399+37.5					
Offset 36.00ft RI of CL on Skew					
Ground Surface Elev. 649.62 ft (ft) (6'') (tsf) (%)					
Groundwater Elev.: First Encounter None ft					
Upon Completion None ft					
After 24 Hrs. 544.6 ft (ft) (6'') (tsf) (%)					
Soil Very Stiff Gray CLAY (Till) (continued)					
13 2.9 21.0					
Soil Hard Gray CLAY (Till)					
598.62 27 3.1 19.0					
Soil Gray SILTY LOAM					
602.12 18 3.5 20.0					
Soil Stiff Gray CLAY (Till)					
601.12 28 4.9 14.0					
Soil Very Stiff Gray CLAY (Till)					
598.62 10 1.8 29.0					
End of Boring					
579.12 31 5.6 15.0					
Soil Very Stiff Gray CLAY (Till)					
598.62 15 2.2 26.0					
Soil Very Stiff Gray CLAY (Till)					
631.12 18 3.1 24.0					
Soil Stiff Gray CLAY (Till)					
631.12 20 2.7 25.0					

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
SOIL BORING LOG Page 1 of 2
Date 5/9/62

ROUTE FAI 57 (I-57) DESCRIPTION FAI Rt 57 over Danforth #3 Drainage Ditch LOGGED BY HWB
SECTION (38-3,4)RS-2, (38-4)BR1 LOCATION NE 1/4, SE 1/4, SEC. 18, TWP. 27N, RNG. 11E, 3rd PM

STRUCT. NO.	Station	DRILLING METHOD	HOLLOW STEM AUGER	HAMMER TYPE	Manual Hammer
038-0158	399+18.5	D E L C O S I	U P O S I	M O S I	M O S I
BORING NO. B-2 S About NBL Station 399+37.5					
Offset 36.00ft LI of CL on Skew					
Ground Surface Elev. 650.92 ft (ft) (6'') (tsf) (%)					
Groundwater Elev.: First Encounter None ft					
Upon Completion None ft					
After 24 Hrs. 605.9 ft (ft) (6'') (tsf) (%)					
Soil Very Stiff Yellowish Brown & Black CLAY					
629.92 10 1.9 22.0					
Soil Very Stiff Gray CLAY (Till) (continued)					
627.42 12 2.3 22.0					
Soil Very Stiff Gray CLAY (Till)					
627.42 12 lost Sample					
Soil Medium Gray SILT					
606.42 16 1.6 21.0					
Soil Very Stiff Gray CLAY (Till)					
604.92 15 2.9 20.0					
Soil Hard Gray CLAY (Till)					
604.92 16 3.3 21.0					
Soil Very Stiff Gray CLAY (Till)					
597.42 17 2.9 20.0					
Soil Hard Gray CLAY (Till)					
597.42 18 5.0 19.0					
Soil Very Stiff Gray CLAY (Till)					
594.92 19 3.1 22.0					
Soil Stiff Gray CLAY (Till)					
619.92 11 1.8 22.0					
Soil Very Stiff Gray CLAY (Till)					
617.42 17 lost Sample					
Soil Very Stiff Gray CLAY (Till)					
617.42 12 2.3 21.0					
Soil Stiff Gray CLAY (Till)					
634.92 15 3.1 20.0					
Soil Very Stiff Gray CLAY (Till)					
632.42 12 1.9 21.0					
Soil Stiff Gray CLAY (Till)					
612.42 11 2.1 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)

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)BR1
IROQUOIS COUNTY
STATION 399+21.00
S.N. 038-2020