



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

**SOIL BORING LOG**

Page 1 of 2

Date 5/17/82

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, 3<sup>rd</sup> PM  
COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE

STRUCT. NO. 038-0167 Station 507+51	D E P T H S	B L O C K S	U C S	M O I S T U R E	Surface Water Elev. 641.12 ft Stream Bed Elev. _____ ft	D E P T H S	B L O C K S	U C S	M O I S T U R E	Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After 24 Hrs. 500.8 ft	(ft)	(in)	(tsf)	(%)
										Very stiff, gray, Clay Till (continued)	13	3.5	24.0	
										Stiff, gray, Clay Till	11	2.5	25.0	
										Very loose, light yellowish brown, angular, Sand	9	1.9	21.0	
										Hard, brownish gray and gray, Clay Till	8	1.4	26.0	
										Very stiff, gray, Clay Lacustrine	8	1.4	27.0	
										Very stiff, gray, Clay Till	9	1.6	26.0	
										Very stiff, gray, Clay Till	8	1.2	25.0	
										Very stiff, gray, Clay Till	11	1.9	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 #3**



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**SOIL BORING LOG**

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Date 5/17/82

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, 3<sup>rd</sup> PM  
COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE

STRUCT. NO. 038-0167 Station 507+51	D E P T H S	B L O C K S	U C S	M O I S T U R E	Surface Water Elev. 641.12 ft Stream Bed Elev. _____ ft	D E P T H S	B L O C K S	U C S	M O I S T U R E	Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After 24 Hrs. 600.8 ft	(ft)	(in)	(tsf)	(%)
										Very stiff, gray, Clay Till (continued)	10	2.1	24.0	
										Very stiff, gray, Sandy Clay Loam Till	17	2.9	22/14	
										Very stiff, gray, Silty Loam Till	17	2.9	22/14	
										Very stiff, gray, Clay Till	13	2.7	23.0	
										Medium, gray, angular, Sand	14	2.3	26.0	
										Very stiff, gray, Clay Lacustrine	13	--	--	
										Very stiff, gray, Clay Lacustrine	12	2.1	24.0	
										Stiff, gray, Clay Lacustrine	13	2.3	20.0	
										Stiff, gray, Clay Till	7	1.2	33.0	

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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Date 6/29/07

ROUTE FAI 57 (I57) DESCRIPTION I-57 over stream LOGGED BY Larry Myers  
SECTION 38-4B 3 LOCATION NE 1/4, SE 1/4, SEC. 30, TWP. 27N, RNG. 11E, 3<sup>rd</sup> PM  
COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 038-2019 Station 507+51	D E P T H S	B L O C K S	U C S	M O I S T U R E	Surface Water Elev. 641.12 ft Stream Bed Elev. _____ ft	D E P T H S	B L O C K S	U C S	M O I S T U R E	Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. _____ ft	(ft)	(in)	(tsf)	(%)
										Augered, black gray, Silty Clay Loam-fill	5	2.7	23.4	
										Very stiff, gray, Silty Clay to Clay Till (continued)	6	1.6	25.8	
										Stiff, gray, Silty Clay to Clay	3	1.3	24.7	
										Very stiff to stiff, black gray brown, Silty Clay to Silty Clay Loam-fill	4	3.3	21.1	
										Hard, brown gray, Silty Clay to Silty Clay Loam Till	3	1.5	26.1	
										Very stiff, gray, Silty Clay to Clay Till	3	1.4	25.2	
										Hard, gray, Silty Clay Till	7	7.0	18.1	
										Very stiff, gray, Silty Clay to Clay Till	7	5.0	19.9	

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 #5**

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



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**SOIL BORING LOG**

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Date 5/18/82

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, 3<sup>rd</sup> PM  
COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE

STRUCT. NO. 038-0168 Station 507+51	D E P T H S	B L O C K S	U C S	M O I S T U R E	Surface Water Elev. 641.12 ft Stream Bed Elev. _____ ft	D E P T H S	B L O C K S	U C S	M O I S T U R E	Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. _____ ft	(ft)	(in)	(tsf)	(%)
										Stiff, brownish black, Clay	7	1.4	25.0	
										Stiff, gray, Clay Till (continued)	8	1.0	26.0	
										Stiff, brownish gray, Clay	13	1.6	22.0	
										Hard, brownish gray and gray, Clay Till	5	1.0	29.0	
										Very stiff, gray, Clay Till, some sandy strata	8	1.9	25.0	
										Stiff, gray, Clay Till, occasional Sand and Silt pockets	10	2.1	24.0	
										Very stiff, gray, Clay Till	12	2.7	22.0	
										Stiff, gray, Clay Till	13	3.1	24.0	
										Very stiff, gray, Clay Till	9	2.1	24.0	
										Stiff, gray, Clay Till	8	1.8	19.0	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
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**BORING #4**



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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, 3<sup>rd</sup> PM  
COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE

STRUCT. NO. 038-0168 Station 507+51	D E P T H S	B L O C K S	U C S	M O I S T U R E	Surface Water Elev. 641.12 ft Stream Bed Elev. _____ ft	D E P T H S	B L O C K S	U C S	M O I S T U R E	Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. _____ ft	(ft)	(in)	(tsf)	(%)
										Stiff, gray, Clay Till, occasional Sand and Silt pockets (continued)	9	1.6	25.0	
										Very stiff, gray, Clay Till	8	1.6	24.0	
										Very stiff, gray, Clay Till	8	1.6	24.0	
										Very stiff, gray, Clay Till	12	1.8	24.0	
										Very stiff, gray, Clay Till	11	2.5	25.0	

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)

**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**