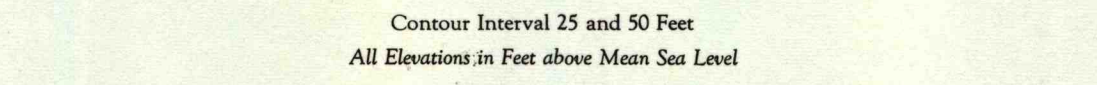


SOIL MAP OF LENNOX AND ADDINGTON COUNTY ONTARIO

NORTH SHEET

SOIL SURVEY REPORT No. 36

Scale 1 inch to 1 mile or 1:63360



Contour Interval 25 and 50 Feet
All Elevations in Feet above Mean Sea Level

MAP SYMBOL	SOIL TYPE, PHASE AND ACREAGE	SOIL PARENT MATERIAL	GREAT SOIL GROUP	DRAINAGE
[Symbol]	BANCROFT sandy loam 200	Fine, non-calcareous sand.	Podsol	Good
[Symbol]	BERRIN sandy loam 600	Sand over calcareous clay.	Grey-Brown Podsol.	Imperfect
[Symbol]	BOOKTON sandy loam 100	Sand over calcareous clay.	Grey-Brown Podsol.	Good
[Symbol]	BONDHEAD loam 1,100	Calcareous, moderately stony loam and stony loam till.	Grey-Brown Podsol.	Good
[Symbol]	BONDHEAD sandy loam 700	Calcareous, moderately stony loam and stony loam till.	Grey-Brown Podsol.	Good
[Symbol]	BONDHEAD sandy loam - shallow phase 6,700	Calcareous, moderately stony loam and stony loam till.	Grey-Brown Podsol.	Good
[Symbol]	BRAMBLE gravelly loam 100	Coarse calcareous gravel.	Brown Forest	Good
[Symbol]	DUMMER loam 29,000	Very stony loam till.	Brown Forest	Good
[Symbol]	DUMMER loam - shallow phase 6,000	Very stony loam till.	Brown Forest	Good
[Symbol]	ELMBOOK clay 1,400	Calcareous, stoniferous clay.	Grey-Brown Podsol.	Imperfect
[Symbol]	EMILY loam 2,900	Calcareous, moderately stony loam till.	Brown Forest	Imperfect
[Symbol]	EMILY loam - shallow phase 2,000	Calcareous, moderately stony loam till.	Brown Forest	Imperfect
[Symbol]	FARMINGTON loam 114,000	Shallow till over limestone bed-rock.	Brown Forest	Good
[Symbol]	GANANOQUE clay 400	Calcareous, stoniferous clay.	Grey Wooded	Good
[Symbol]	GRANBY sandy loam 300	Calcareous sand.	Dark Grey Clayey	Poor
[Symbol]	GUERIN loam 7,600	Calcareous, moderately stony till.	Grey-Brown Podsol.	Imperfect
[Symbol]	GUERIN loam - shallow phase 900	Calcareous, moderately stony till.	Grey-Brown Podsol.	Imperfect
[Symbol]	HINCHEBROOKE silt loam 100	Calcareous, stoniferous, fine sands and silts.	Dark Grey Clayey	Poor
[Symbol]	LANSBORNE clay 12,000	Calcareous, stoniferous clay.	Grey Wooded	Imperfect
[Symbol]	LANSBORNE clay - shallow phase 800	Calcareous, stoniferous clay.	Grey Wooded	Imperfect
[Symbol]	LINDRAY clay 1,400	Laminated clay over clay loam calcareous till.	Dark Grey Clayey	Poor
[Symbol]	LYONS loam 800	Stony, calcareous loam till.	Dark Grey Clayey	Poor
[Symbol]	LYONS loam - shallow phase 800	Stony, calcareous loam till.	Dark Grey Clayey	Poor
[Symbol]	MARSH marsh 2,000			
[Symbol]	MONTAGLE sandy loam 900	Very stony, non-calcareous stony loam till.	Podsol	Good
[Symbol]	MOSCOW clay 6,000	Stoniferous, calcareous clay.	Dark Grey Clayey	Poor
[Symbol]	MOSCOW clay - shallow phase 100	Stoniferous, calcareous clay.	Dark Grey Clayey	Poor
[Symbol]	MOSCOW clay - rocky phase 1,300	Stoniferous, calcareous clay.	Dark Grey Clayey	Poor
[Symbol]	MUCK muck 14,000	Organic.	Organic	Very poor
[Symbol]	NAPANEE loam 30,700	Calcareous, calcareous clay.	Dark Grey Clayey	Poor
[Symbol]	NAPANEE loam - shallow phase 800	Calcareous, calcareous clay.	Dark Grey Clayey	Poor
[Symbol]	NEWBERG fine sandy loam 800	Calcareous, very fine sandy loam.	Grey-Brown Podsol.	Good
[Symbol]	OTONABEE loam 12,000	Calcareous, moderately stony loam till.	Brown Forest	Good
[Symbol]	OTONABEE loam - shallow phase 4,000	Calcareous, moderately stony loam till.	Brown Forest	Good
[Symbol]	OTONABEE loam - stony phase 4,000	Calcareous, moderately stony loam till.	Brown Forest	Good
[Symbol]	OTONABEE loam - steep phase 700	Calcareous, moderately stony loam till.	Brown Forest	Good
[Symbol]	PEAT peat 5,000	Organic.	Organic	Very poor
[Symbol]	PICCADILLY loam 1,000	Calcareous fine sand and silt.	Grey-Brown Podsol.	Imperfect
[Symbol]	ROCKLAND 128,000			
[Symbol]	R.O. ROCK OUTCROP 300			
[Symbol]	SIDNEY clay 15,000	Calcareous, stoniferous clay.	Dark Grey Clayey	Poor
[Symbol]	SIDNEY clay - shallow phase 400	Calcareous, stoniferous clay.	Dark Grey Clayey	Poor
[Symbol]	SOLMESVILLE clay 1,400	Calcareous, stoniferous clay over calcareous loam or clay loam till.	Grey-Brown Podsol.	Imperfect
[Symbol]	ST. PETERS gravelly sandy loam 1,700	Non-calcareous medium gravel.	Podsol	Good
[Symbol]	TIOGA sandy loam 1,100	Calcareous medium sand.	Grey-Brown Podsol.	Good
[Symbol]	WAUPPOS clay loam 700	Stoniferous clay over calcareous loam or clay loam till.	Grey-Brown Podsol.	Good
[Symbol]	WAUSON sandy loam 500	Medium sand over calcareous clay.	Dark Grey Clayey	Poor
[Symbol]	WENDIGO loamy sand 5,200	Coarse non-calcareous sand.	Podsol	Good
[Symbol]	WENDIGO loamy sand - rocky phase 6,300	Coarse non-calcareous sand.	Podsol	Good
[Symbol]	WHITE LAKE gravelly sandy loam 4,900	Coarse gravel.	Grey-Brown Podsol.	Good

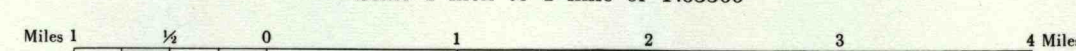
SOIL COMPLEXES		ACREAGE
[Symbol]	B.L. BOTTOM LAND loam	3,300
[Symbol]	EmilY loam - shallow phase + MOSCOW clay	400
[Symbol]	GUERIN loam + LYONS loam	3,200
[Symbol]	MONTAGLE sandy loam + ROCK OUTCROP + MUCK or PEAT	246,800
[Symbol]	MOSCOW clay - shallow phase + OTONABEE loam	1,700
[Symbol]	MOSCOW clay + OTONABEE loam	300
[Symbol]	O.S. OTONABEE loam + SOLMESVILLE clay	300
[Symbol]	O.S. OTONABEE loam + MOSCOW clay	5,500
[Symbol]	O.S. OTONABEE loam - shallow phase + MOSCOW clay - shallow phase	1,900
[Symbol]	O.S. OTONABEE loam + NAPANEE clay	1,000
[Symbol]	R.O. ROCK OUTCROP + MOSCOW clay	400
[Symbol]	T.W. TWEED sandy loam + ROCK OUTCROP + MONTAGLE sandy loam	12,500

REFERENCE	
[Symbol]	Building
[Symbol]	Mill or Factory
[Symbol]	School
[Symbol]	Church
[Symbol]	with Tower or Spire
[Symbol]	Post Office
[Symbol]	Telephone Exchange
[Symbol]	House or Open air
[Symbol]	Canal or Channel
[Symbol]	Quarry
[Symbol]	Bank or Spill Pit
[Symbol]	Cut
[Symbol]	Cutting
[Symbol]	Embankment, Ditch, etc.
[Symbol]	Canal or Channel
[Symbol]	Wharf or Pier
[Symbol]	Tramway
[Symbol]	Empire or Pier
[Symbol]	Large or Small Dam
[Symbol]	Structure
[Symbol]	Spot Height in feet
[Symbol]	Annotation

SOIL MAP OF LENNOX AND ADDINGTON COUNTY ONTARIO

SOUTH SHEET

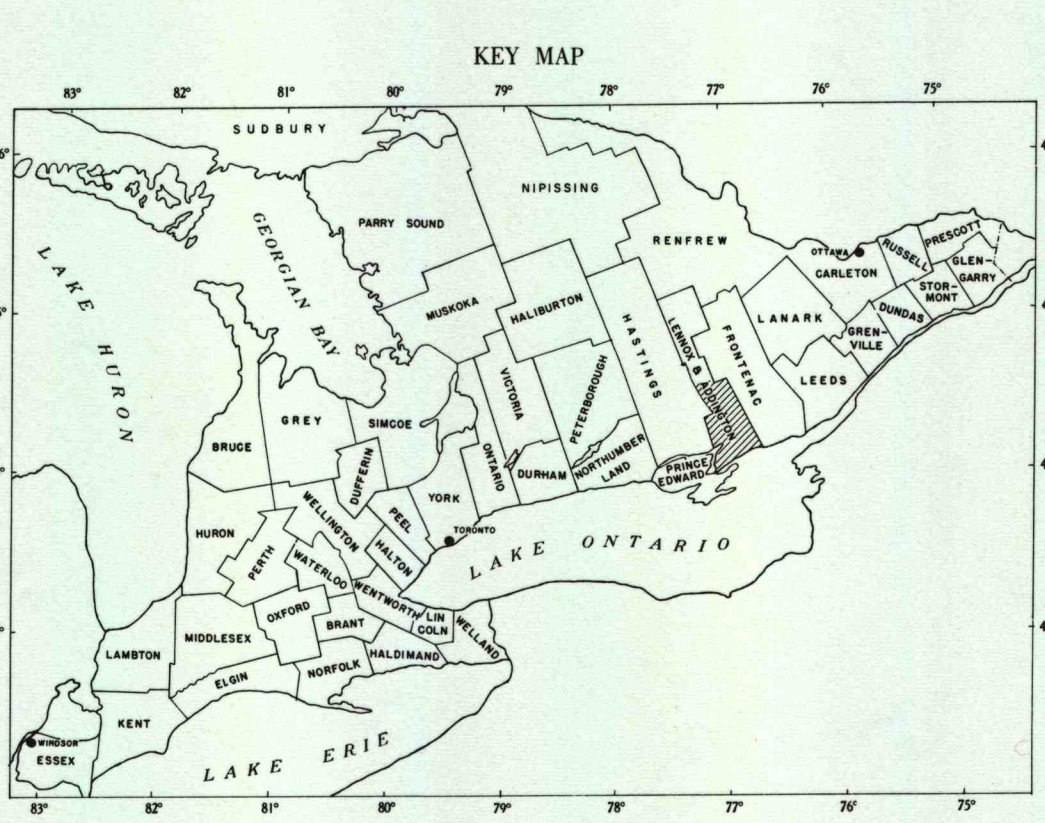
SOIL SURVEY REPORT No. 36
Scale 1 inch to 1 mile or 1:63360



Contour Interval 25 and 50 Feet
All Elevations in Feet above Mean Sea Level

REFERENCE

.....	Building	.....	Mill or Factory
.....	Well	.....	Quarry
.....	Church	.....	Shed or Garage
.....	Telephone Station	.....	Power Line
.....	Electric Power Line	.....	Gas Line
.....	Water Pipe	.....	Drainage Ditch
.....



LEGEND

MAP SYMBOL	SOIL TYPE, PHASES AND ACREAGE	SOIL PARENT MATERIAL	GREAT SOIL GROUP	DRAINAGE
Ba	BANCROFT sandy loam 300	Fine, non-calcareous sand.	Podsol	Good
Bb	BERRIEN sandy loam 800	Sand over calcareous clay.	Grey-Brown Podsol	Imperfect
Bo	BOORTON sandy loam 100	Sand over calcareous clay.	Grey-Brown Podsol	Good
Bs	BONHEAD loam - shallow phase 1,500	Calcareous, moderately stony loam and sandy loam till.	Grey-Brown Podsol	Good
Bsh	BONHEAD sandy loam 700	Calcareous, moderately stony loam and sandy loam till.	Grey-Brown Podsol	Good
Bsh	BONHEAD sandy loam - shallow phase 800	Calcareous, moderately stony loam and sandy loam till.	Grey-Brown Podsol	Good
Ca	CRAMARE gravelly loam 100	Coarse calcareous gravel.	Brown Forest	Good
Ca	DUMMER loam 20,000	Very stony loam till.	Brown Forest	Good
Ca	DUMMER loam - shallow phase 6,000	Very stony loam till.	Brown Forest	Good
Ca	ELMROCK clay 1,400	Calcareous, stoniferous clay.	Grey-Brown Podsol	Imperfect
Ca	EMILY loam 3,000	Calcareous, moderately stony loam till.	Brown Forest	Imperfect
Ca	EMILY loam - shallow phase 6,000	Calcareous, moderately stony loam till.	Brown Forest	Imperfect
Ca	FARMINGTON loam 114,800	Shallow till over limestone bedrock.	Brown Forest	Good
Ca	GANANOQUE clay 400	Calcareous, stoniferous clay.	Grey Wooded	Good
Ca	GRANDY sandy loam 300	Calcareous sand.	Dark Grey Gleysol	Poor
Ca	GUEHEN loam 7,000	Calcareous, moderately stony loam.	Grey-Brown Podsol	Imperfect
Ca	GUEHEN loam - shallow phase 900	Calcareous, moderately stony loam.	Grey-Brown Podsol	Imperfect
Ca	HINCHENBROOK silt loam 100	Calcareous, stoniferous, fine sands and silts.	Dark Grey Gleysol	Poor
Ca	LANSBOWNE clay - shallow phase 18,000	Calcareous, stoniferous clay.	Grey Wooded	Imperfect
Ca	LANSBOWNE clay 900	Calcareous, stoniferous clay.	Grey Wooded	Imperfect
Ca	LINDSAY loam 1,400	Laminated clay over clay loam.	Dark Grey Gleysol	Poor
Ca	LINDSAY loam - shallow phase 900	Laminated clay over clay loam.	Dark Grey Gleysol	Poor
Ca	LYONS loam 300	Stony, calcareous loam till.	Dark Grey Gleysol	Poor
Ca	LYONS loam - shallow phase 300	Stony, calcareous loam till.	Dark Grey Gleysol	Poor
Ca	MARSH marsh 5,000	.....	.....	.....
Ca	MONTAGLE sandy loam 900	Very stony, non-calcareous sandy loam till.	Podsol	Good
Ca	MOSCOW clay - shallow phase 8,400	Stoniferous, calcareous clay.	Dark Grey Gleysol	Poor
Ca	MOSCOW clay - rocky phase 1,300	Stoniferous, calcareous clay.	Dark Grey Gleysol	Poor
Ca	MUCK muck 14,800	Organic.	Organic	Very poor
Ca	NAPANEE clay - shallow phase 39,700	Stoniferous, calcareous clay.	Dark Grey Gleysol	Poor
Ca	NAPANEE clay 900	Stoniferous, calcareous clay.	Dark Grey Gleysol	Poor
Ca	NEWBURG fine sandy loam 800	Calcareous, very fine sandy loam.	Grey-Brown Podsol	Good
Ca	OTONABEE loam 12,500	Calcareous, moderately stony loam till.	Brown Forest	Good
Ca	OTONABEE loam - shallow phase 4,400	Calcareous, moderately stony loam till.	Brown Forest	Good
Ca	OTONABEE loam - steep phase 700	Calcareous, moderately stony loam till.	Brown Forest	Good
Ca	PEAT peat 5,300	Organic.	Organic	Very poor
Ca	PICCADILLY loam 1,000	Calcareous fine sand and silt.	Grey-Brown Podsol	Imperfect
Ca	ROCKLAND 138,000	.....	.....	.....
Ca	ROCK OUTCROP 300	.....	.....	.....
Ca	SIDNEY clay - shallow phase 14,000	Calcareous, stoniferous clay.	Dark Grey Gleysol	Poor
Ca	SIDNEY clay 900	Calcareous, stoniferous clay.	Dark Grey Gleysol	Poor
Ca	SOLMERSVILLE clay 1,400	Calcareous, stoniferous clay over calcareous loam or clay loam till.	Grey-Brown Podsol	Imperfect
Ca	ST. PETERS gravelly sandy loam 1,700	Non-calcareous medium gravel.	Podsol	Good
Ca	TIDIA sandy loam 1,100	Calcareous medium sand.	Grey-Brown Podsol	Good
Ca	WATPOOS clay loam 700	Stoniferous clay over calcareous loam or clay loam till.	Grey-Brown Podsol	Good
Ca	WARREN sandy loam 300	Medium sand over calcareous loam.	Dark Grey Gleysol	Poor
Ca	WENDIGO loamy sand 5,300	Coarse non-calcareous sand.	Podsol	Good
Ca	WENDIGO loamy sand - rocky phase 6,300	Coarse gravel.	Grey-Brown Podsol	Good
Ca	WHITE LAKE gravelly sandy loam 4,000	Coarse gravel.	Grey-Brown Podsol	Good

SOIL COMPLEXES		ACREAGE
B.L.	BOTTOM LAND loam	3,200
Bsh-Mc	EMILY loam - shallow phase + MOSCOW clay	400
Bsh-Lf	GUEHEN loam + LYONS loam	3,200
Ca-M	MONTAGLE sandy loam + ROCK OUTCROP + MUCK or PEAT	248,800
Ca-M-C	MOSCOW clay - shallow phase + OTONABEE loam	1,700
Ca-C	MOSCOW clay + OTONABEE loam	300
Ca-S	OTONABEE loam + SOLMERSVILLE clay	300
Ca-Mc	OTONABEE loam + MOSCOW clay	5,800
Ca-M-Csh	OTONABEE loam - shallow phase + MOSCOW clay - shallow phase	1,900
Ca-Mc	OTONABEE loam + NAPANEE clay	1,000
Ca-Mc	OTONABEE loam + NAPANEE clay	1,000
Ca-Mc	ROCK OUTCROP + MOSCOW clay	400
Ca-M	TWEEDE sandy loam + ROCK OUTCROP + MONTAGLE sandy loam	12,800

