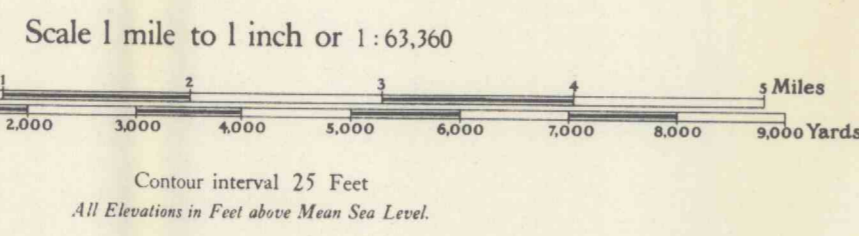


SOIL MAP OF PERTH COUNTY ONTARIO

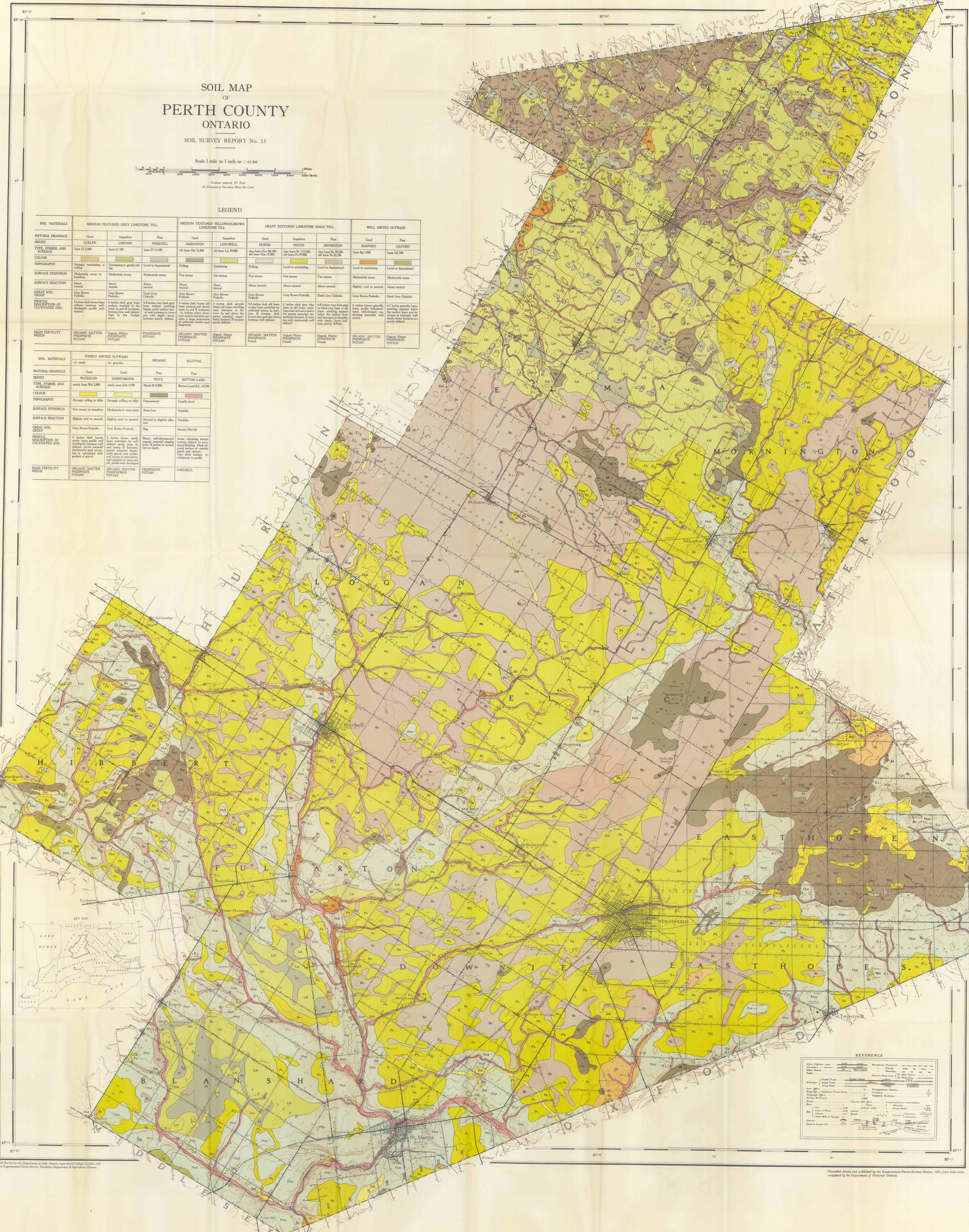
SOIL SURVEY REPORT No. 15



LEGEND

SOIL MATERIALS	MEDIUM TEXTURED GREY LIMESTONE TILL			MEDIUM TEXTURED YELLOWISH-BROWN LIMESTONE TILL			HEAVY TEXTURED LIMESTONE SHALE TILL			WELL SORTED OUTWASH	
	Good	Imperfect	Poor	Good	Imperfect	Poor	Good	Imperfect	Poor	Good	Poor
NATURAL DRAINAGE SERIES	GILPHI	LONDON	PARKHILL	HARRISTON	LEWISVILLE	HERON	PERTH	BURFORD	GILFORD		
TYPE SYMBOL AND ACRAGE	lean G 2,000	lean L 100	lean P 12,900	slt lean H 31,800	slt lean L 29,900	slt lean H 18,100 all lean H 49,900	slt lean B 11,300 all lean P 49,900	lean B 1,000	lean G 300		
COLOUR											
TOPOGRAPHY	Strongly undulating to rolling	Undulating to gently rolling	Level to depressed	Rolling	Undulating	Falling	Level to undulating	Level to depressed	Level to undulating	Level to depressed	
SURFACE STONINESS	Moderately stony to bouldry	Moderately stony	Moderately stony	Few stones	Few stones	Few stones	Few stones	Few stones	Moderately stony	Moderately stony	
SURFACE REACTION	About neutral	About neutral	About neutral	About neutral	About neutral	About neutral	About neutral	About neutral	Slightly acid to neutral	Slightly acid to neutral	
GREAT SOIL GROUP	Grey Brown Podzols	Grey Brown Podzols	Dark Grey Podzols	Grey Brown Podzols	Grey Brown Podzols	Grey Brown Podzols	Dark Grey Podzols	Grey Brown Podzols	Dark Grey Podzols	Dark Grey Podzols	
PROFILE DESCRIPTION OF CULTIVATED SOIL	4 inches dark brown loam surface horizon well developed, profile well defined.	6 inches dark grey loam surface horizon well developed, profile well defined. A and B horizons brown loam well defined in the C horizon.	6 inches dark grey loam surface horizon well developed, profile well defined. A and B horizons brown loam well defined in the C horizon.	6 inches dark brown loam surface horizon well developed, profile well defined. A and B horizons brown loam well defined in the C horizon.	6 inches dark brown loam surface horizon well developed, profile well defined. A and B horizons brown loam well defined in the C horizon.	6 inches dark grey loam surface horizon well developed, profile well defined. A and B horizons brown loam well defined in the C horizon.	6 inches dark grey loam surface horizon well developed, profile well defined. A and B horizons brown loam well defined in the C horizon.	6 inches dark grey loam surface horizon well developed, profile well defined. A and B horizons brown loam well defined in the C horizon.	6 inches dark grey loam surface horizon well developed, profile well defined. A and B horizons brown loam well defined in the C horizon.	6 inches dark grey loam surface horizon well developed, profile well defined. A and B horizons brown loam well defined in the C horizon.	6 inches dark grey loam surface horizon well developed, profile well defined. A and B horizons brown loam well defined in the C horizon.
MAIN FERTILITY NEEDS	ORGANIC MATTER PHOSPHATE POTASH	ORGANIC MATTER PHOSPHATE POTASH	PHOSPHATE POTASH	ORGANIC MATTER PHOSPHATE POTASH	ORGANIC MATTER PHOSPHATE POTASH	ORGANIC MATTER PHOSPHATE POTASH	ORGANIC MATTER PHOSPHATE POTASH	ORGANIC MATTER PHOSPHATE POTASH	ORGANIC MATTER PHOSPHATE POTASH	ORGANIC MATTER PHOSPHATE POTASH	

SOIL MATERIALS	POORLY SORTED OUTWASH		ORGANIC	ALLUVIAL
	(a) sandy	(b) gravelly		
NATURAL DRAINAGE SERIES	WATERLOO	DONNYBROOK	MUCK	BOTTOM LAND
TYPE SYMBOL AND ACRAGE	sandy lean W 2,900	sandy lean D 3,700	Muck M 9,900	Bottom Land B.L. 32,200
COLOUR				
TOPOGRAPHY	Strongly rolling to hilly	Strongly rolling to hilly	Depressional	Usually level
SURFACE STONINESS	Few stones to stony	Moderately to very stony	Stony face	Variable
SURFACE REACTION	Slightly acid to neutral	Slightly acid to neutral	Neutral to slightly alkaline	Variable
GREAT SOIL GROUP	Grey Brown Podzols	Grey Brown Podzols	Reg.	Annual Alluvial
PROFILE DESCRIPTION OF CULTIVATED SOIL	4 inches dark brown sandy loam profile well developed, horizon well defined, profile well defined. A and B horizons brown loam well defined in the C horizon.	6 inches brown sandy loam profile well developed, horizon well defined, profile well defined. A and B horizons brown loam well defined in the C horizon.	Black, well-developed organic material covering surface horizon well defined, profile well defined. A and B horizons brown loam well defined in the C horizon.	Areas adjoining streams occur subject to some annual flooding. Dark soil, well-developed organic material covering surface horizon well defined, profile well defined. A and B horizons brown loam well defined in the C horizon.
MAIN FERTILITY NEEDS	ORGANIC MATTER PHOSPHATE POTASH	ORGANIC MATTER PHOSPHATE POTASH	PHOSPHATE POTASH	VARIABLE



REFERENCE

Water Highways
Other Roads
...