CANADA
DEPARTMENT
OF
MINES AND TECHNICAL SURVEYS

GEOLOGICAL SURVEY OF CANADA

AEROMAGNETIC SERIES

SHEET 41 P/2

STULL · McLEOD · ELLIS · PARKER · SELBY · VALIN · HAENTSCHEL · SELKIRK · DUNDEE · ACADIA · COTTON · HOWEY · MARCONI · SEAGRAM · BERESFORD · GRIGG · STOBIE · TURNER · DE MOREST · CLARY

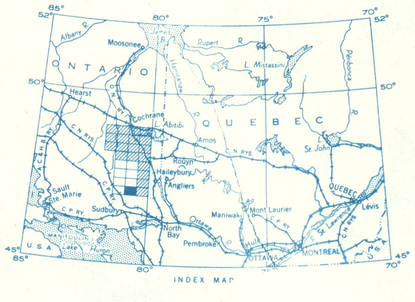
AREA A
AREA B
AREA C

Hamlow Lake · Regan Lake · Upper Pilgrim Cr. · Florence Lake · Lawrence Lake · Fly Creek · Rainy Lake · Stewart Lake · Neault Lake · Sturgeon River · Selkirk Creek · Paul Lake · Yorston River · Maggie Lake · Pilgrim Lake · Bill Lake · Samson Lake · Rodd Lake · Bluesucker Lake · Ames Creek · Ames Lake · Pinetorch L. · Pinetorch Creek · Ghoul L. · Selkirk Lake · Hartman L. · Eaglenest Lake · Solace Lake · Benner Lake · Mudchannel Lake · Narrows Lake · Muck Lake · Neault Creek · Wanapitei River · Laundrie Lake · Little Laundrie Lake · Bowland River · Selkirk Cr. · Sturgeon River · Lyman Lake · Renfrew L. · Perkins Lake · Mudding Lake · Limit L. · Seagram Lake · Bull Lake · Linger Lake · Yorston Lake · Gourlay L. · Burwash Cr. · Tillie Cr. · Bowland Lake · Marconi Lake · Puddle L. · Marconi Creek · Hazel L. · Dougherty Cr. · Pilgrim River · Stouffer Lake · Balsam Creek · Tillie Lake · Knight Creek · Knight Lake · Centre Lake · Stobie Lake · Stobie Creek · Frederick Lake · Parsons Lake · Dougherty Lake · Sturgeon River · Joins Map 277G, "Obabika Lake"

ROAD

81°00′ · 55′ · 50′ · 45′ · 40′ · 35′ · 80°30′ · 47°15′ · 10′ · 05′ · 47°00′

PUBLISHED, 1956



ISOMAGNETIC LINES (total field)

500 gammas
100 gammas
Magnetic depression

Flight altitude 500 feet above ground level

Flight line spacing (lines are not indicated)

Area A. . . . . ½ mile (north, south)
Area B. . . . . 3 mile (north, south)
Area C. . . . . 2 mile (north, south)

Area boundary . . . . . AREA A
Township boundary

MAP 278G
ADVANCE EDITION

SOLACE LAKE

SUDBURY DISTRICT
ONTARIO

Scale: One Inch to One Mile = 1/63,360

Miles
1 0 1 2 3

Air photographs covering this map area may be obtained through the National Air Photographic Library, Topographical Surveys, Ottawa, Ontario.

The Department of Mines and Technical Surveys is indebted to the Dominion Gulf Company, Toronto, Ontario, for permission to publish these data which were compiled by that company from information recorded during the course of their surveys in 1947, 1948, and 1949.

The planimetry for this map was obtained from the 1 inch to 2 miles National Topographic Series Sheet 41 P/S.E. "Maple Mountain".

This map has been reprinted from a scanned version of the original map
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The magnetic data on this map were compiled from information recorded along the flight lines which were spaced as indicated in the legend. The anomalies expressed by the magnetic contours are dependent on the variable magnetic intensities of the underlying rocks and may be due to conditions near or at unknown depths below the surface. High magnetic anomalies normally indicate the presence of basic rocks such as diabase, gabbro or serpentine which have a relatively high iron content; but in special instances may be due or partly due to concentrations of magnetic ore minerals.

By means of the magnetic anomalies, various rock bodies or structural features such as faults or folds may be traced by the geologist into or across areas of few or no outcrops. In many instances, however, no interpretation of particular anomalies may be possible without further geological information.

GEOPHYSICS PAPER 278
SOLACE LAKE
ONTARIO
SHEET 41 P/2