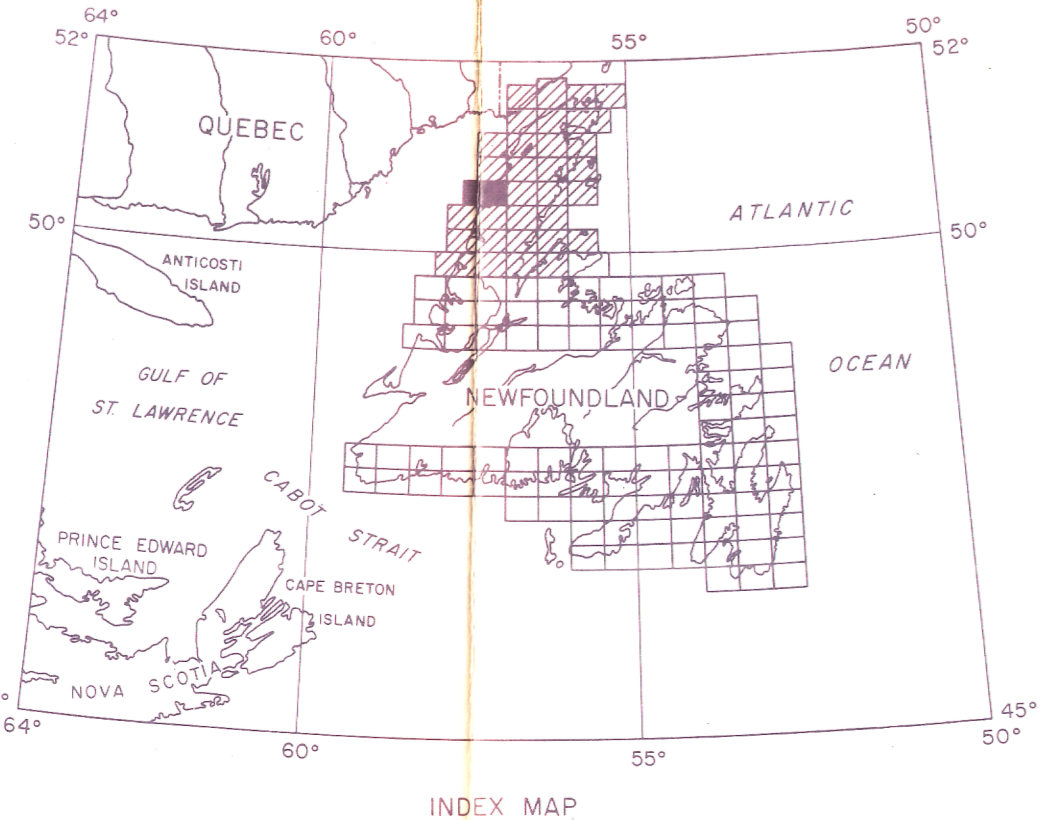


G U L F O F

S T L A W R E N C E

Joins Map 4415G, "Bellidurns"

Joins Map 4432G, "Blue Mountain"



ISOMAGNETIC LINES (absolute total field)
500 gammas
100 gammas
20 gammas
10 gammas
Magnetic depression
Flight lines
Flight altitude 1000 feet above ground level

MAP 4427G
PORT SAUNDERS
NEWFOUNDLAND

Scale 1:50 000 - Echelle 1/50 000
Kilometres
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Airborne magnetic survey, February 1966 to August 1967 by Spartan Air Services Limited.

No correction has been made for regional variation.

The planimetry for this map was reproduced from 1:50,000 topographical map sheets, published by the Department of Energy, Mines and Resources, Ottawa.

The magnetic data on this map were compiled from information recorded along the flight lines shown. 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 diorite, gabbro, or serpentinite, which have a relatively high iron content, but in special instances may be due, or partly due, to concentrations of magnetic minerals. By means of the magnetic anomalies, various rock bodies or structural features, such as faults or folds, may be traced into, or across, areas of low or no out-crops. In many instances, however, no interpretation of particular anomalies may be possible without further geological information.

GEOPHYSICS PAPER 4427
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