

MAP 5513 G

SHEET 27 ^B/₇

BAFFIN ISLAND
DISTRICT OF FRANKLIN

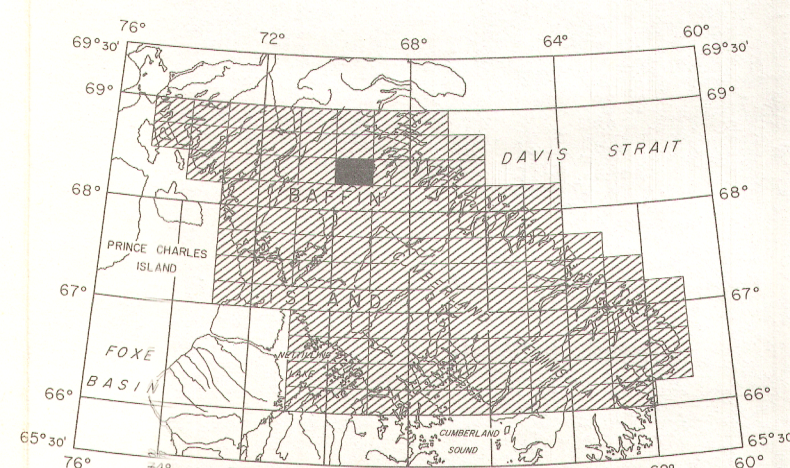
Scale: One Inch to One Mile = $\frac{1}{63,360}$

1 1/2 0 1 2 3
Mile Miles

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

COPIES OF THIS MAP MAY BE OBTAINED FROM THE
DIRECTOR, GEOLOGICAL SURVEY OF CANADA, OTTAWA.

PUBLISHED 1972



INDEX MAP

ISOMAGNETIC LINES (absolute total field)

500 gammas
100 gammas
20 gammas
10 gammas
Magnetic depression
Flight lines
Flight altitude 1000 feet above ground level

Airborne Magnetic Survey, April 1969 to Aug. 1971
by Spartan Aero Limited.

No correction has been made for regional variation.

The topography for this map was reproduced from
1:250,000 topographical map sheets, published by the
Department of Energy, Mines and Resources, Ottawa.

Doppler navigation was utilized to direct the course of
the aircraft and the Doppler output was recorded on an
incremental X-Y recorder for compilation purposes.

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 diabase, gabbro, or serpentinites, 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 few or no out-
crops. In many instances, however, no interpretation of particular an-
omalies may be possible without further geological information.

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