

GEOLOGICAL SURVEY OF CANADA  
DEPARTMENT OF ENERGY, MINES AND RESOURCES

AEROMAGNETIC SERIES

SHEET 16  $\frac{M}{7}$  AND SHEET 16  $\frac{M}{8}$

D A V I S

S T R A I T

Joins Map 5448G, "16  $\frac{M}{7}$  and 16  $\frac{M}{8}$ "

Joins Map 5442G, "16  $\frac{M}{7}$  and 16  $\frac{M}{8}$ "

MAP 5443 G

SHEET 16  $\frac{M}{7}$  AND 16  $\frac{M}{8}$

BAFFIN ISLAND  
DISTRICT OF FRANKLIN

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

1 Mile 1/2 0 1 2 3 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.

Airborne Magnetic Survey, April 1968 to Sept. 1969  
by Spartan Air Services Ltd.

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.

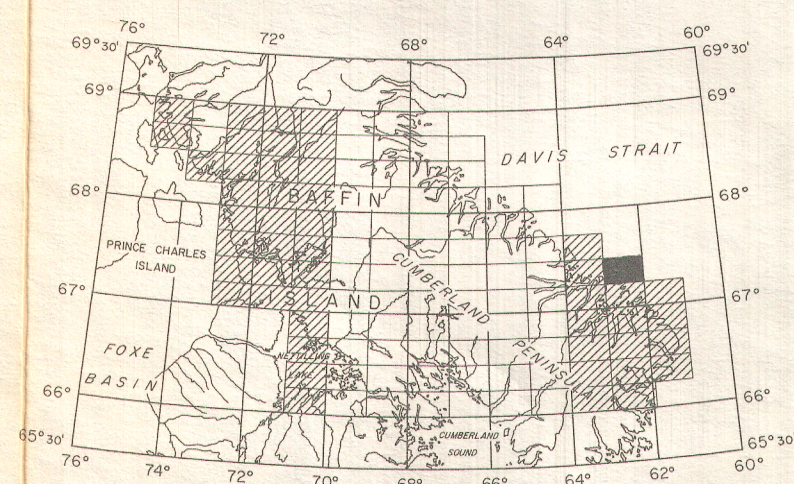
Doppler navigation was utilized to direct the course of  
the aircraft and the Doppler output was recorded on an  
incremental X, Y recorder for compilation purposes.

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 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 few or no out-  
crops. In many instances, however, no interpretation of particular ana-  
malies may be possible without further geological information.

GEOPHYSICS PAPER 5443

BAFFIN ISLAND  
SHEET 16  $\frac{M}{7}$  AND SHEET 16  $\frac{M}{8}$

PUBLISHED 1970



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

