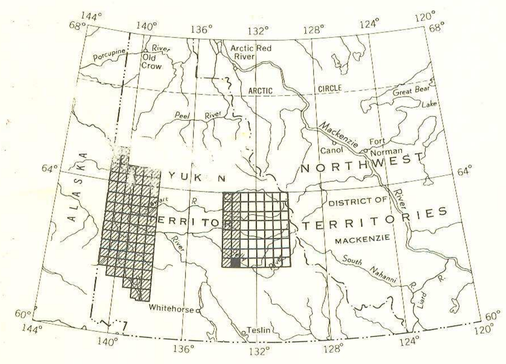
GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

AEROMAGNETIC SERIES

SHEET 105 K/3



INDEX MAP

ISOMAGNETIC LINES (absolute total field)

500 gammas
100 gammas
20 gammas
10 gammas
Magnetic depression

Flight lines
Flight altitude: nominally 1000 feet above ground level where terrain permitted

MAP 4362 G

BUTTLE CREEK

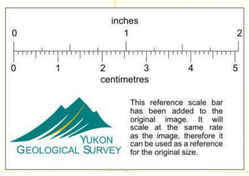
YUKON TERRITORY

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

Miles

1 1/2 0 1 2 3

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



Magnetic survey, March 1968 to June 1968 by Aero Photo Inc.

No correction has been made for regional variation

The planimetry for this map was obtained from topographical map sheets published by the Department of Energy, Mines and Resources

The magnetic data on this map were compiled from information recorded along the flight lines shown. The anomalies revealed by the magnetic contours are dependent on the variable magnetic susceptibilities of the underlying rocks, and may be due to conditions near or at unknown depths below the surface. High magnetic anomalies usually indicate the presence of basic rocks, such as diabase, gabbro, or serpentine, which have a relatively high iron content, but in some 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 outcrops. In many instances, however, no interpretation of particular anomalies may be possible without further geological information.

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BUTTLE CREEK

YUKON TERRITORY

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