

GEOLOGICAL SURVEY OF CANADA  
DEPARTMENT OF ENERGY, MINES AND RESOURCES

AEROMAGNETIC SERIES

SHEET 115  $\frac{G}{8}$

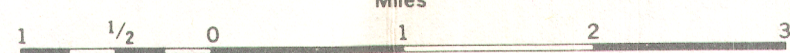


MAP 4327 G

## GLADSTONE CREEK

YUKON TERRITORY

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



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

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

Magnetic survey, March 1967 to May 1968 by Aero Photo Inc.

No correction has been made for regional variation

The planimetry for this map was obtained from  
advance information supplied 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 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 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 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.

GEOPHYSICS PAPER 4327

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