

4306BASE



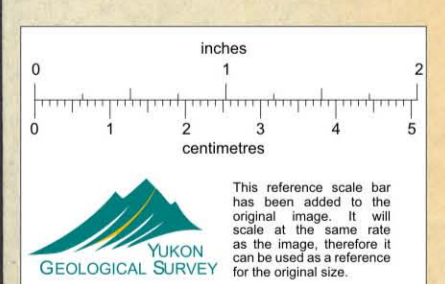
GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

AEROMAGNETIC SERIES

SHEET 115 $\frac{0}{3}$



- Tsy Tert (?) syenite or granite porphyry
- Kgd Cret (?) granodiorite + granite - Casino (?)
- ptgr pre-C granite gneiss - Yukon Gp (?)
- pEsc pre-C schist, gneiss, quartzite - Yk Gp.
- pLs pre-C limestone beds in schist - Yk Gp.



MAP 4306 G
THISTLE CREEK
YUKON TERRITORY

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

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

highest Cu siltm. area
70 ppm Cu
120 ppm Zn

- AEA air photo study 1961
- Gold placer creek
- From AEA GSC notes

Magnetic survey, July to October 1965 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 Mines and Technical Surveys.

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 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 low or no outcrops. In many instances, however, no interpretation of particular anomalies may be possible without further geological information.

GEOPHYSICS PAPER 4306

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Field Sheets