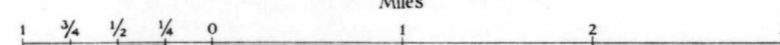


MAP 72 G  
**BARRAUTE**  
ABITIBI COUNTY  
QUEBEC

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



Isomagnetic lines (total field):  
500 gammas .....  
100 gammas .....  
20 gammas .....  
10 gammas .....  
Magnetic depression contour .....  
Flight line .....  
Flight altitude: 1,000 feet above ground level

Magnetic survey, August and September 1948, by  
Geophysics Division, Geological Survey of Canada;  
Department of Mines and Technical Surveys, in  
collaboration with the Royal Canadian Air Force

No correction has been made for regional variation;  
this increases at the rate of 4.5 gammas per mile from  
east to west and 3.0 gammas per mile from south to  
north.

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 by the geologist into, or across, areas  
of few or no outcrops. In many instances, however, no present interpretation  
of particular anomalies may be possible.

