



ISOMAGNETIC LINES (total field):  
500 gammas . . . . .  
100 gammas . . . . .  
20 gammas . . . . .  
10 gammas . . . . .  
Magnetic depression . . . . .  
Flight lines . . . . .  
Flight altitude: 1000 feet above ground level

MAP 1446G  
**ACHRAY**  
ONTARIO

Magnetic survey, 1959-1960, by Geophysics division, Geological Survey of Canada; Department of Mines and Technical Surveys.  
No correction has been made for regional variation.  
Base-map was obtained from topographical sheets published by the Department of Mines and Technical Surveys.

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

1 1/2 0 1 2 3

The magnetic data on this map was 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 interpretation of particular anomalies may be possible without further geological information.