



ISOMAGNETIC LINES (absolute total field)

500 gammas
 100 gammas
 20 gammas
 10 gammas
 Magnetic depression

Flight lines
 Flight altitude 1000 feet above ground level

MAP 2362G

SHEET 42 ¹/₉

COCHRANE DISTRICT
 ONTARIO

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

1 1/2 0 1 2 3

Airborne Magnetic Survey, May 1963 to April 1964
 by Spartan Air Services Ltd.

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 and the Ontario Department of Lands and Forests.

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 serpentinite, which have a relatively high iron content, but in special 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.