



ISOMAGNETIC LINES (total field)

500 gammas
 100 gammas
 20 gammas
 10 gammas
 Magnetic depression
 Flight lines
 Flight altitude: 1000 feet above ground level.

MAP 2761G
RUTHERFORD LAKE
 SASKATCHEWAN

Scale 1:50 000 - Échelle 1/50 000

Kilometres 0 1 2 3 4 Kilomètres

Universal Transverse Mercator Projection
 Projection transverse universelle de Mercator
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Airborne Magnetic Survey, May to September, 1963,
 by Canadian Aero Service Ltd., Ottawa.

No correction has been made for regional variation.

The planimetry for this map was obtained from
 the topographical map sheet published at a scale of
 one inch to four miles.

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