



ISOMAGNETIC LINES (total field)

500 gammas .....  
 100 gammas .....  
 20 gammas .....  
 10 gammas .....  
 Magnetic depression .....

Flight lines .....  
 Flight altitude: 1000 feet above ground level.

MAP 2750G  
**LANGLEY LAKE**  
 SASKATCHEWAN

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

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 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.