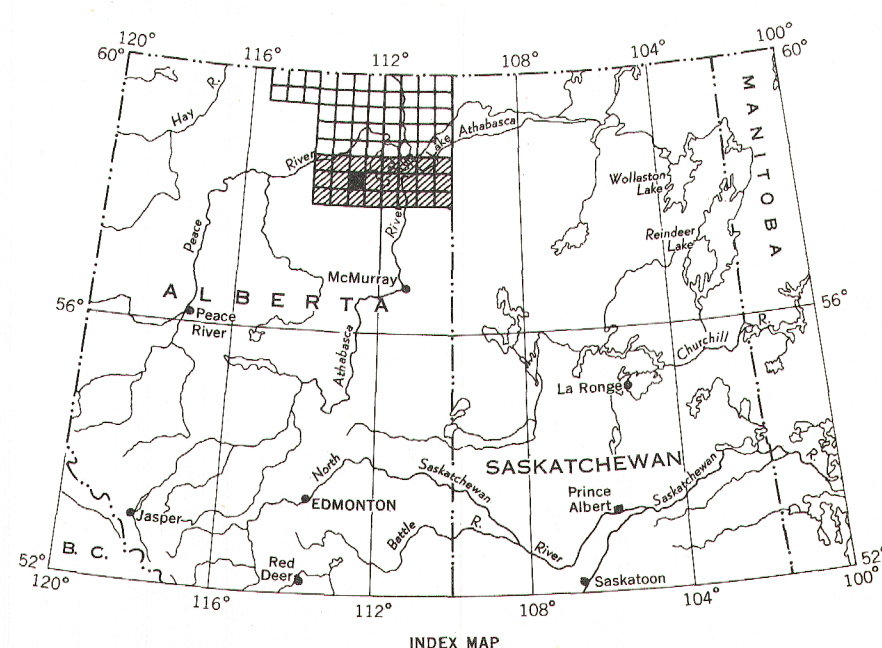


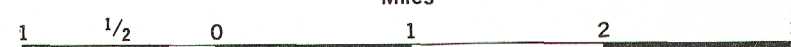
PUBLISHED, 1963



## ISOMAGNETIC LINES

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

 MAP 2857G  
HERON ISLAND  
ALBERTA

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

 Magnetic Survey, August to October 1962,  
by Aero Surveys Ltd.

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 one mile, supplied by the  
Department of Lands and Forests, Province of  
Alberta.

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.

 GEOPHYSICS PAPER 2857  
HERON ISLAND  
ALBERTA  
SHEET 84  $\frac{1}{7}$