

ISOMAGNETIC LINES (absolute total field)

500 gammas

100 gammas

20 gammas

10 gammas

Magnetic depression

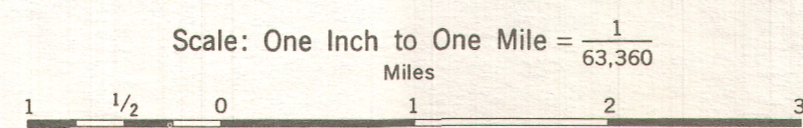
Flight lines 15 687

Flight altitude 1000 feet above ground level

MAP 8551G

BIRKENHEAD LAKE

BRITISH COLUMBIA



Airborne Magnetic Survey by Geotrex Limited, from April 1972 to July 1972.

Survey flown with helicopters owned by Klondike Helicopters and by Conwest Aviation Ltd.

The topography for this map was obtained from topographical map sheets published by the Department of Energy, Mines and Resources, Ottawa.

No correction has been made for regional variation.

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.