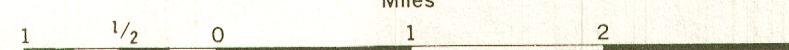


MAP 4234G

GARLAND
MANITOBAScale: One Inch to One Mile = $\frac{1}{63,360}$
MilesThe planimetry for this map was obtained from
topographical map sheets published by the
Department of Energy, Mines and Resources, Ottawa.Airborne Magnetic Survey, March 1967 to October
1968 by Spartan Air Services Ltd.

No correction has been made for regional variation.

Where the survey aircraft traversed large areas of
water and swamp, Doppler navigation was utilized to
direct the course of the aircraft and the Doppler output
was recorded on an incremental X, Y recorder for
compilation purposes.

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.

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