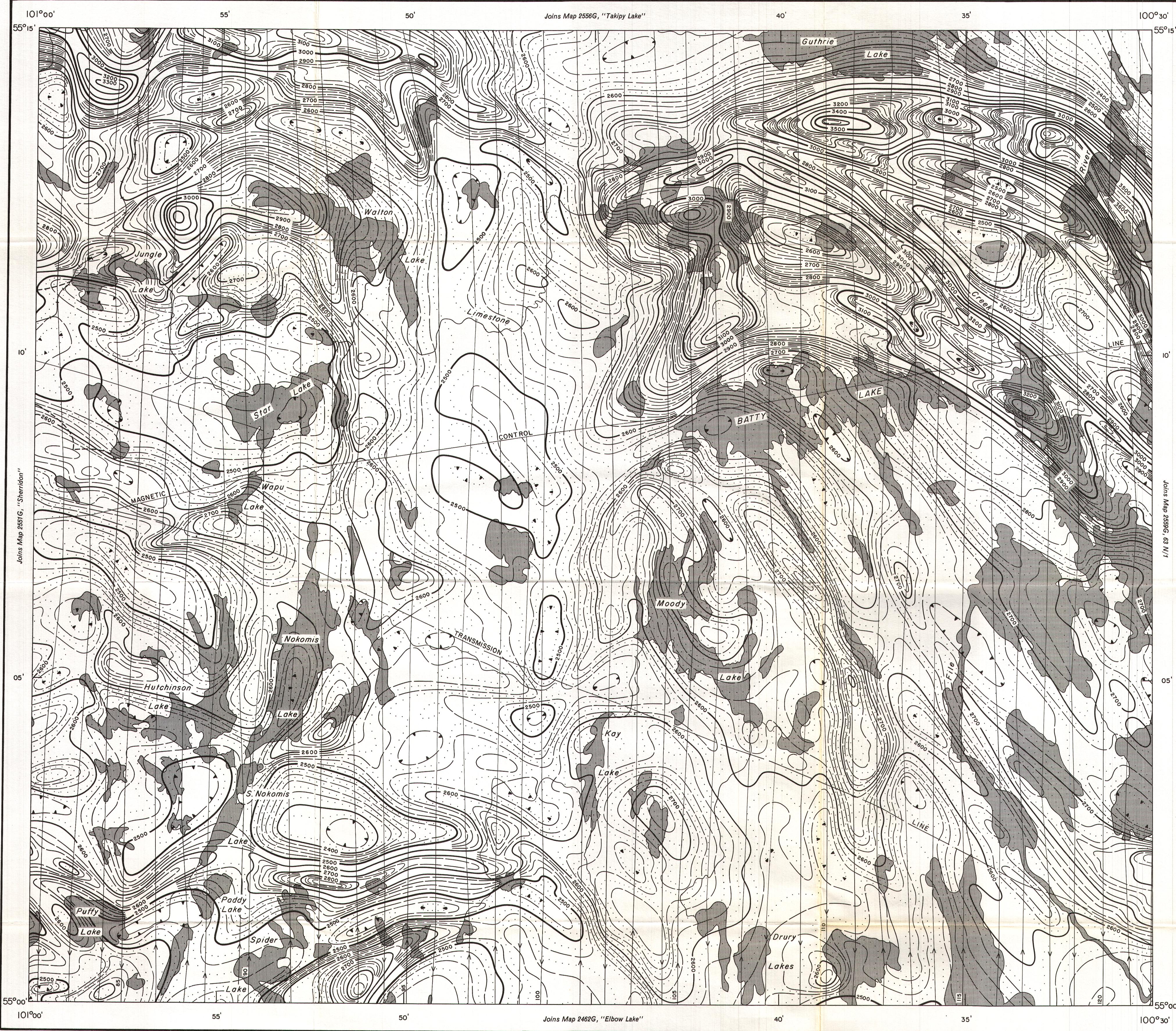
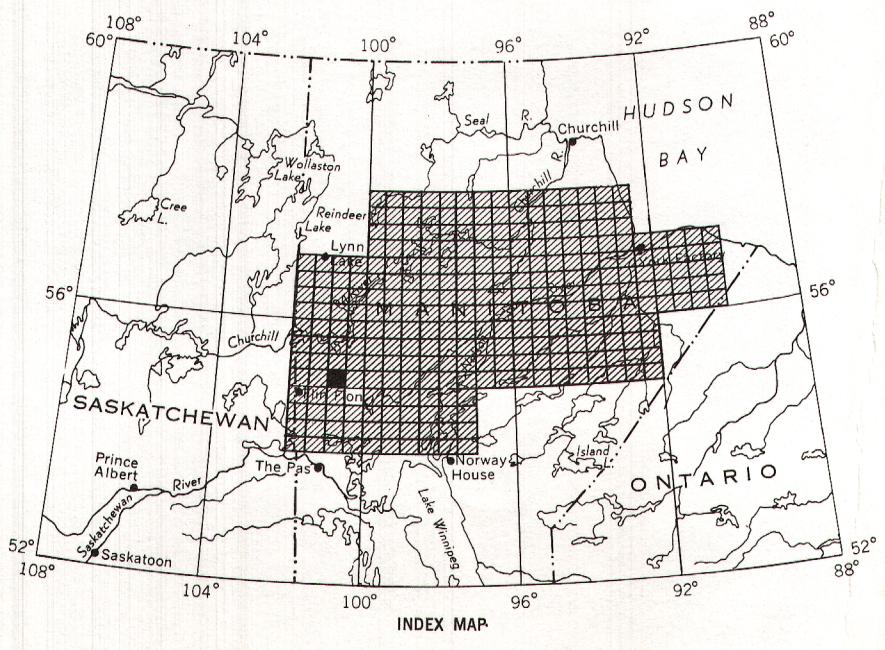


AEROMAGNETIC SERIES

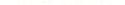
DEPARTMENT OF MINES AND NATURAL RESOURCES



PUBLISHED, 1965



ISOMAGNETIC LINES (total field)

Flight lines 
Flight altitude: 1000 feet above ground level

BATTY LAKE

MANITOBA

Airborne Magnetic Survey, February to December, 1964, by Canadian Aero Service 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 four miles.

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

A horizontal scale with tick marks at 1, $\frac{1}{2}$, 0, 1, 2, and 3. The distance between 0 and 1 is divided into two equal segments by $\frac{1}{2}$.

100 200 300 400 500 600 700 800 900 1000

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.

GEOPHYSICS PAPER 2555

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MANITOBA