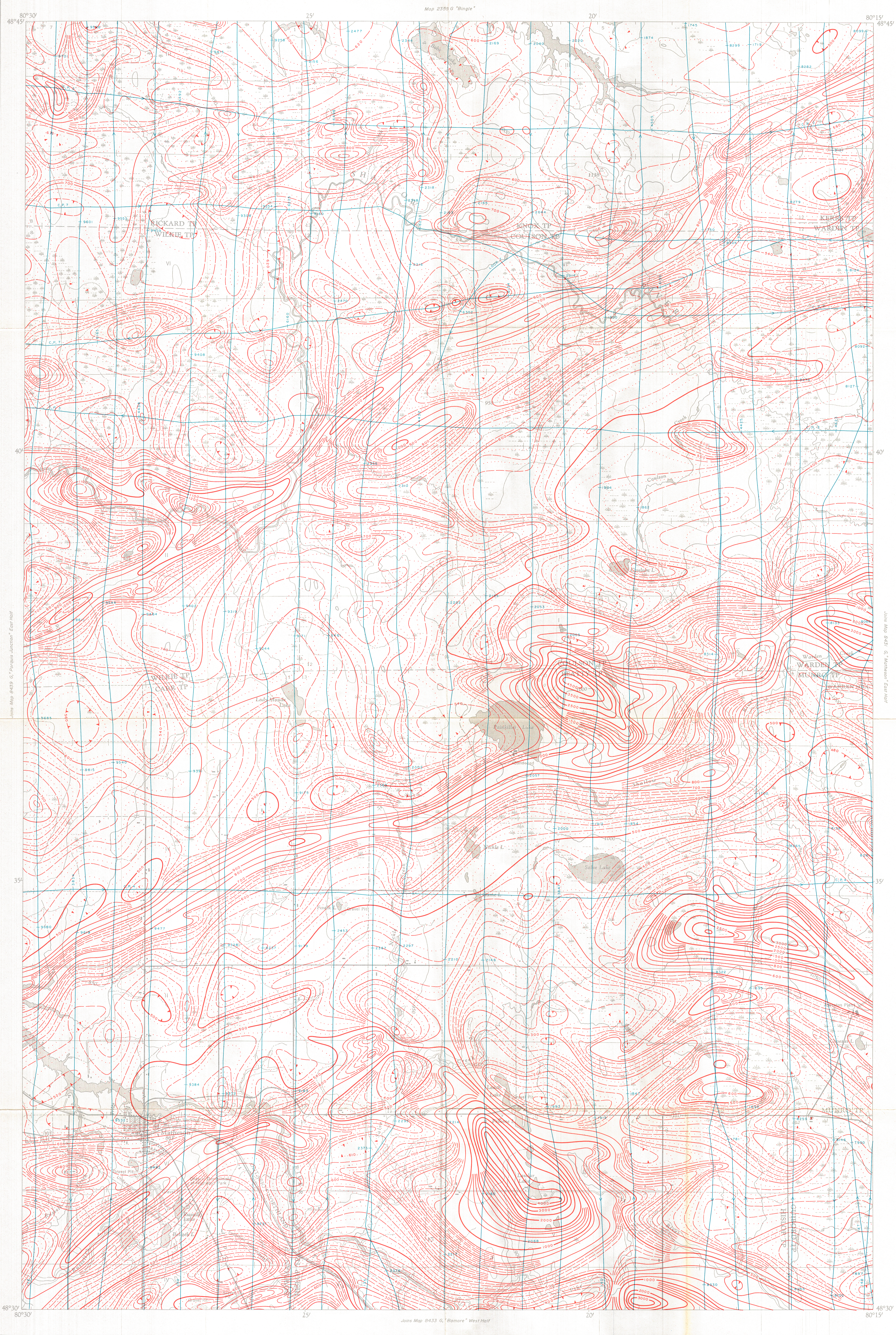
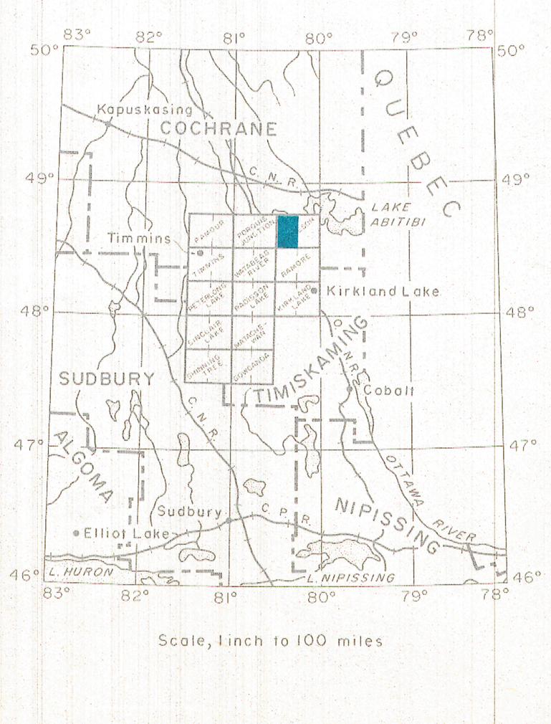
PROVINCE OF ONTARIO
DEPARTMENT OF MINES

DEPARTMENT OF ENERGY MINES AND RESOURCES
GEOLOGICAL SURVEY OF CANADA



INDEX MAP



Scale, 1 inch to 100 miles

ISOMAGNETIC LINES (total field)

500 gammas
100 gammas
20 gammas
10 gammas
Magnetic depression

Flight lines
Flight altitude 500 feet above ground level

MAP 8434 G

MATHESON

COCHRANE DISTRICT

ONTARIO

Scale: One Inch to One Half Mile = 1/31,680

Miles ½ ¼ 0 ½ 1 1½

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No correction has been made for regional variation.

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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 8434

MATHESON

ONTARIO

SHEET 42 A/9 WEST HALF