



WEST HALF
ISOMAGNETIC LINES (absolute total field)

500 gammas
100 gammas
20 gammas
Magnetic depression
Flight lines
Flight altitude: 390 feet above ground level

EAST HALF
ISOMAGNETIC LINES (absolute total field)

500 gammas
100 gammas
25 gammas
Magnetic depression
Flight lines
Flight Altitude: 500 feet above ground level

MAP 4811G

NISTOWIAK LAKE

SASKATCHEWAN

Scale 1:50 000

Kilometres 1 0 1 2 3 4 Kilometres

East Half—Airborne Magnetic Survey, June 1957, by
Aeromagnetic Surveys Ltd. for the Department of
Mineral Resources, Province of Saskatchewan

West Half—Airborne Magnetic Survey, May 1953, by
Canadian Aero Service Ltd. for the Department of
Mineral Resources, Province of Saskatchewan

Redrawn at a scale of one inch equals one mile by
Aero Photo Inc., 1966

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
1:250,000

The magnetic data on this map were compiled from information recorded along
the flight lines shown. The anomalies expressed by the magnetic contours are de-
pendent 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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