PROVINCE OF MANITOBA

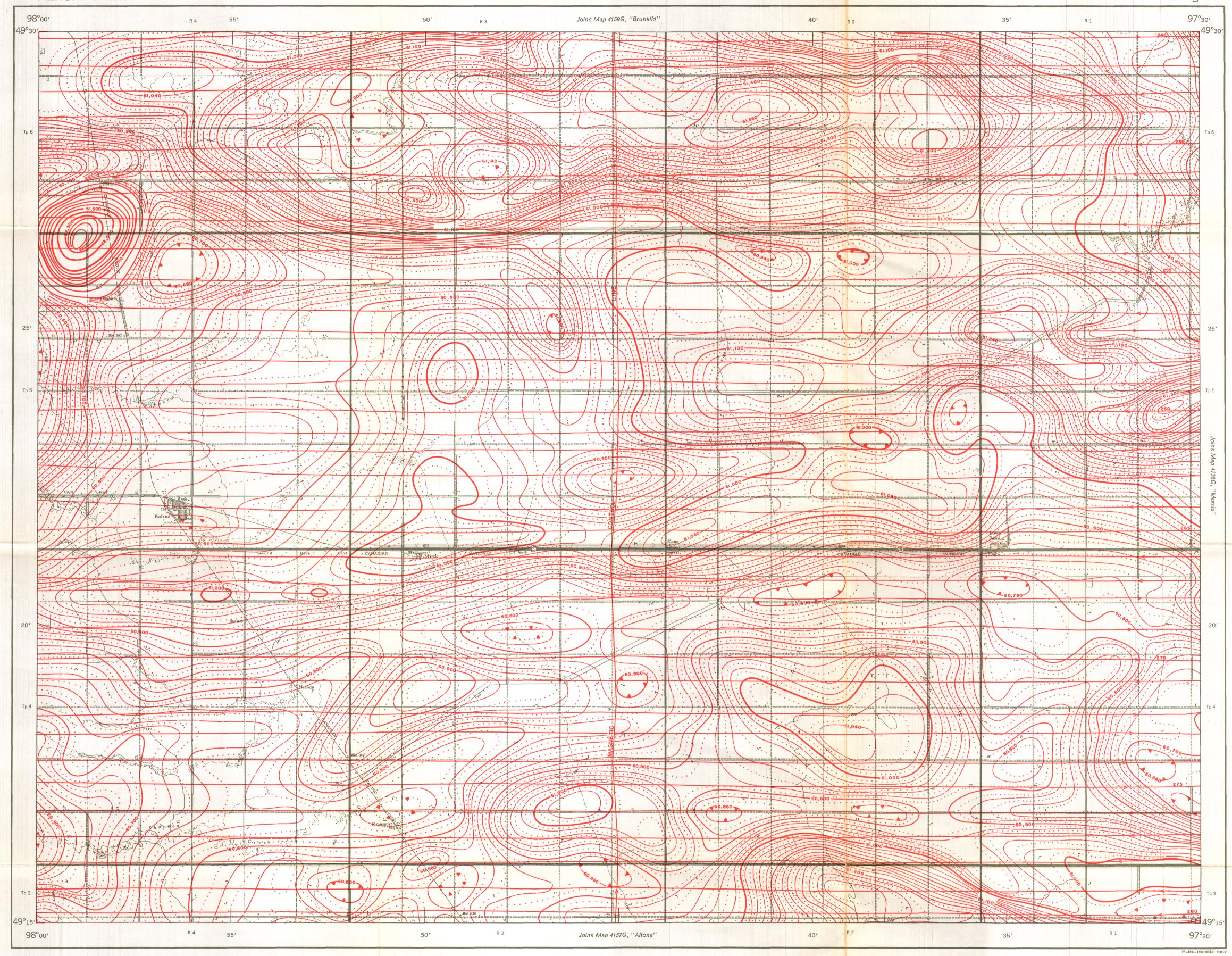
DEPARTMENT
OF
ENERGY, MINES AND RESOURCES

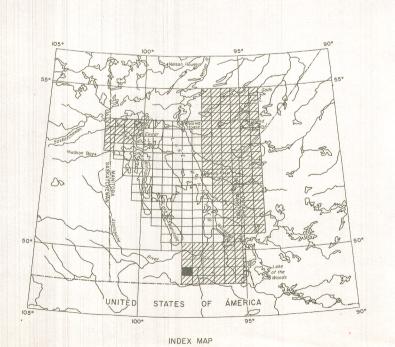
AEROMAGNETIC SERIES

DEPARTMENT OF MINES AND NATURAL RESOURCES

GEOLOGICAL SURVEY OF CANADA

SHEET 62 + 5





ROLAND

MANITOBA

MAP 4158G

No correction has been made for regional variation.

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

O 1 2 3

No correction has been made for regional variation.

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

Airborne Magnetic Survey, Sept. to Oct. 1965

by Spartan Air Services Ltd.

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 4158

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