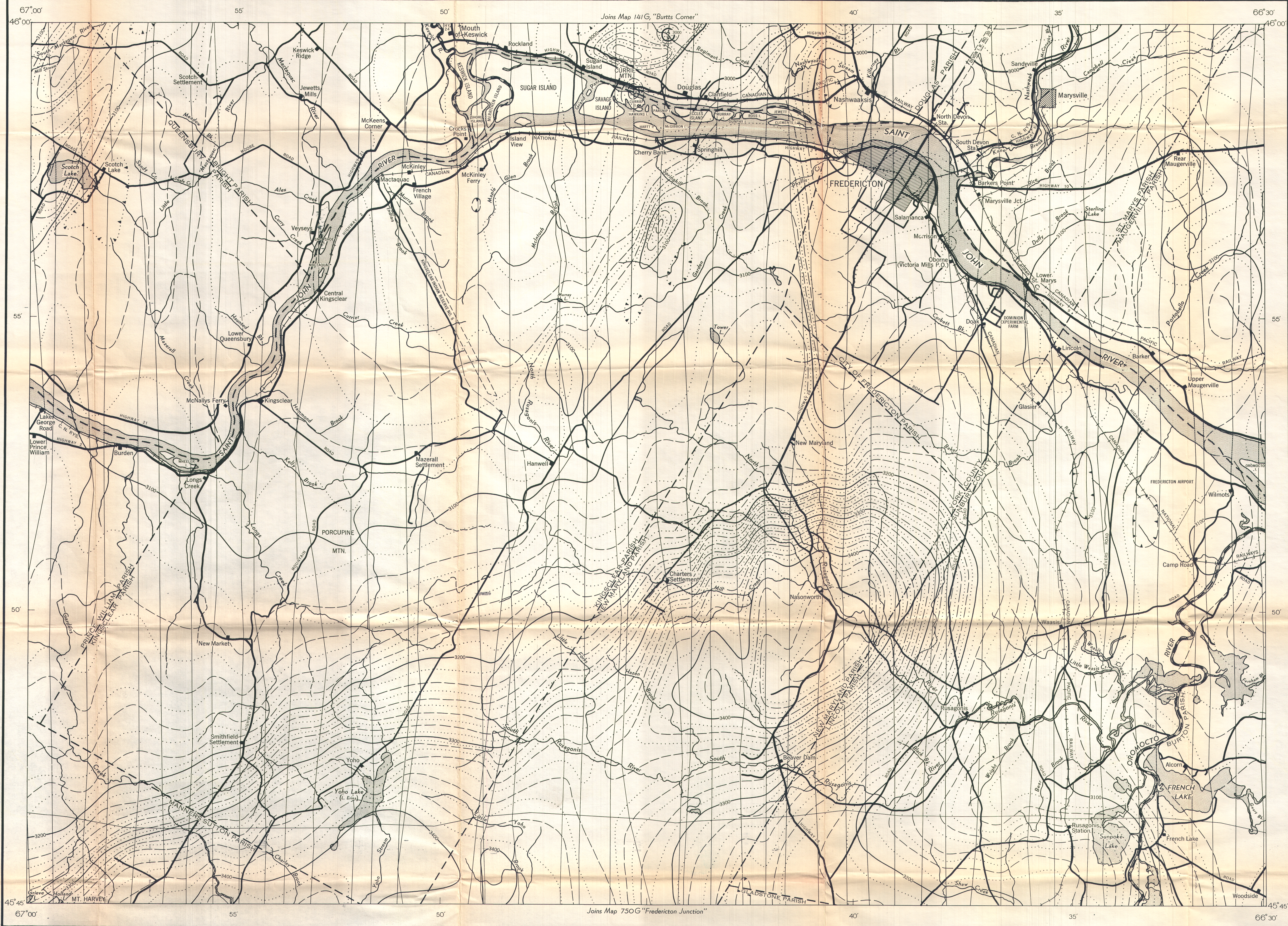


GEOLOGICAL SURVEY OF CANADA
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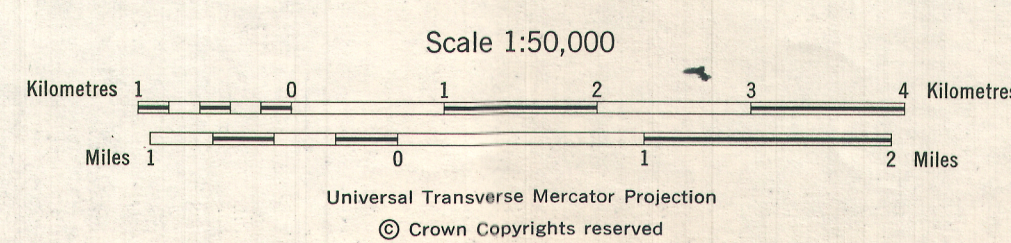
AEROMAGNETIC SERIES

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MAP 751G

FREDERICTON YORK AND SUNBURY COUNTIES NEW BRUNSWICK



Magnetic Survey, May, 1958, by Geophysics Division,
Geological Survey of Canada, Department of Mines and
Technical Surveys.

No correction has been made for regional variation;
this increases at the rate of 4.5 gammas per mile from
east to west and 3.6 gammas per mile from south to
north.

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 into, or across, areas of few or no outcrops. In
many instances, however, no interpretation of particular anomalies may
be possible.

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