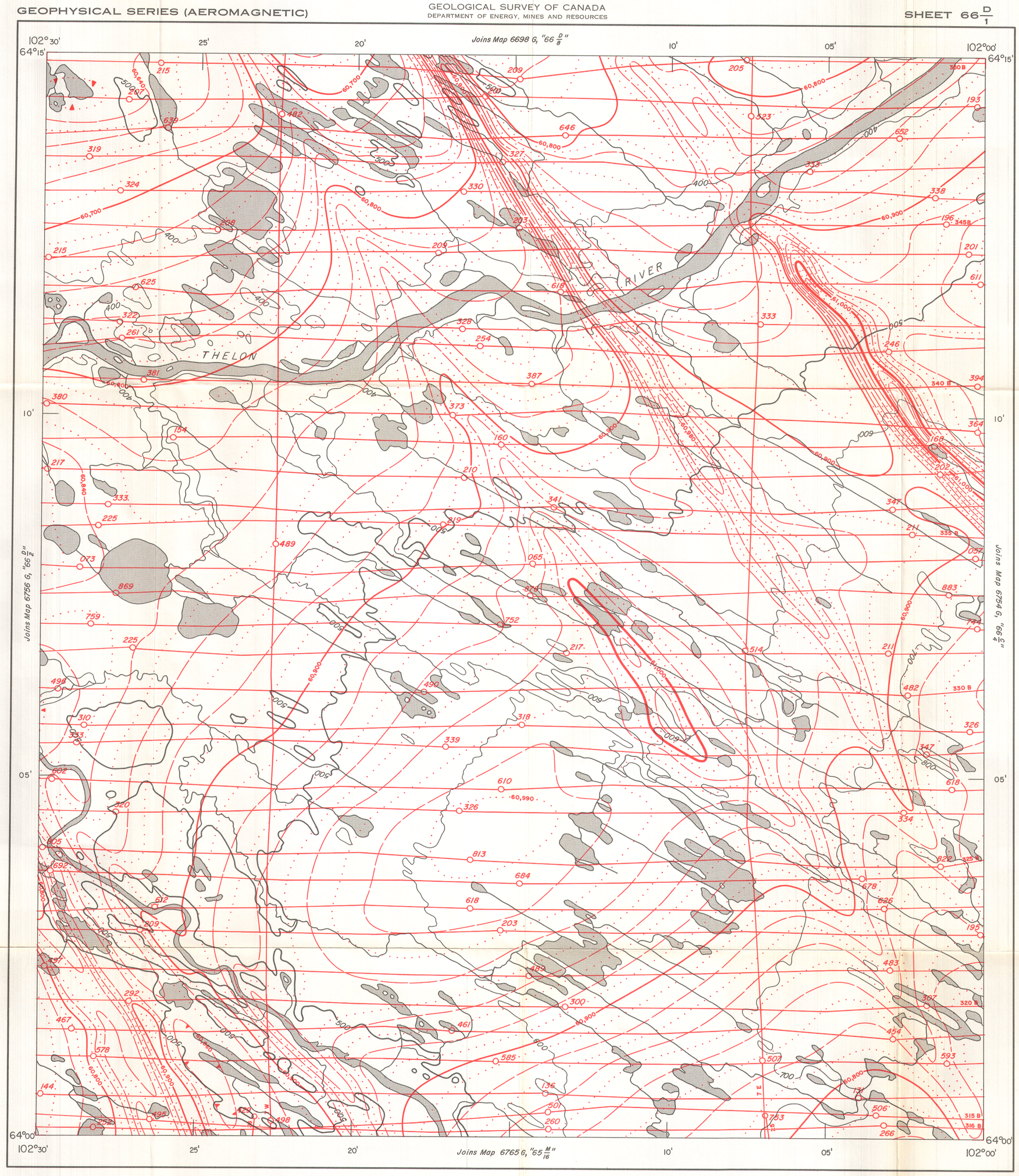
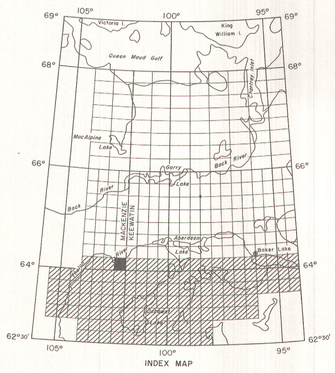
GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

GEOPHYSICAL SERIES (AEROMAGNETIC)

SHEET 66 D/1





INDEX MAP

ISOMAGNETIC LINES (absolute total field)

500 gammas
100 gammas
20 gammas
10 gammas
Magnetic depression
Flight lines — 18.5
Flight altitude 1000 feet above ground level

MAP 6755 G

SHEET 66 D/1

DISTRICT OF MACKENZIE
NORTHWEST TERRITORIES

Scale: One Inch to One Mile = 1/63,360

1 Mile ½ 0 1 2 3 Miles

Air photographs covering this map-area may be obtained through the National Air Photographic Library, Topographical Survey, Ottawa, Ontario.

COPIES OF THIS MAP MAY BE OBTAINED FROM THE DIRECTOR, GEOLOGICAL SURVEY OF CANADA, OTTAWA.

Airborne Magnetic Survey, June 1970 to July 1971 by Spartan Aero Limited.

No correction has been made for regional variation.

The topography for this map was reproduced from 1:250,000 topographical map sheets, published by the Department of Energy, Mines and Resources, Ottawa.

PUBLISHED 1972

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.

MAP 6755 G

NORTHWEST TERRITORIES

SHEET 66 D/1