PROVINCE
OF
BRITISH COLUMBIA

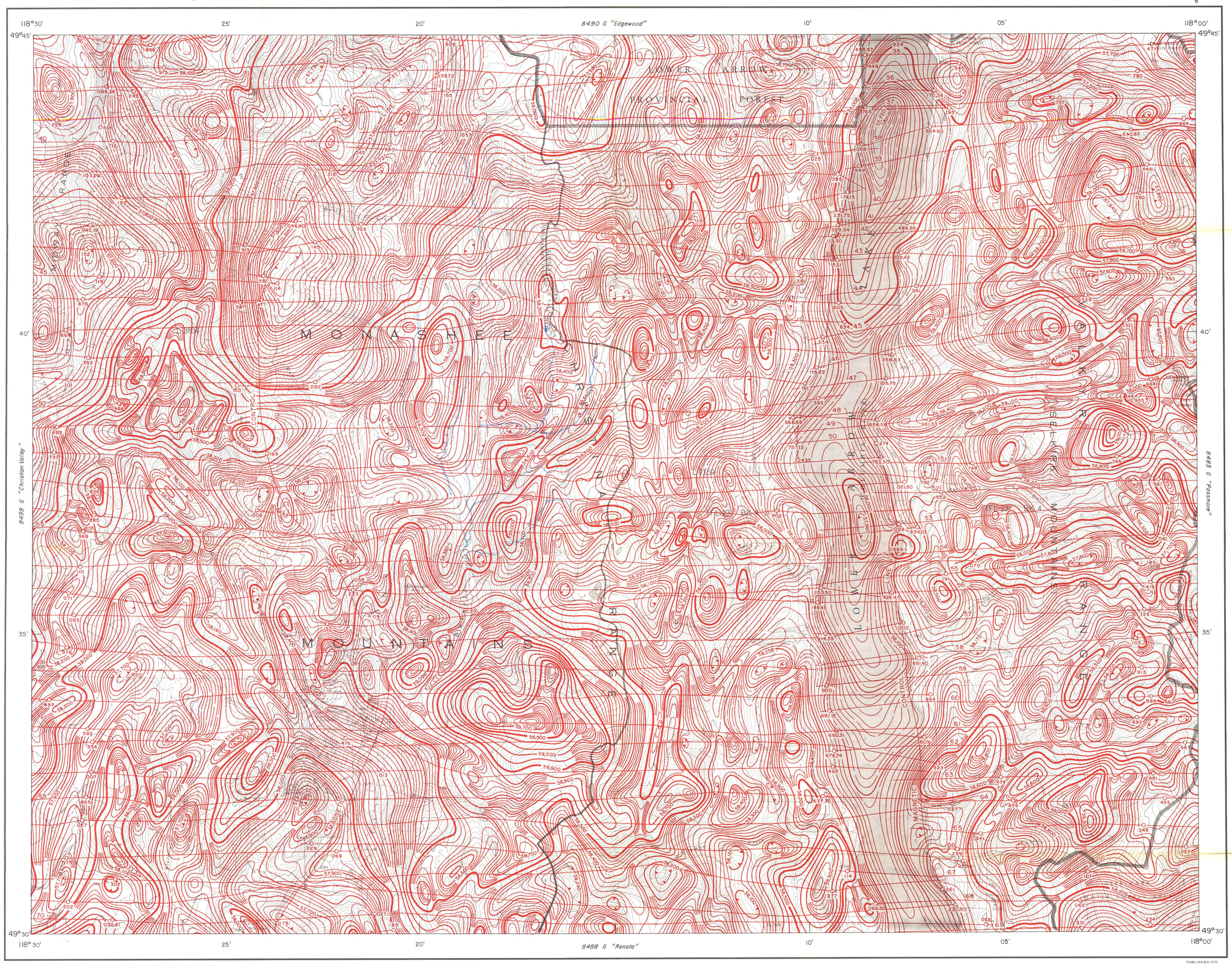
DEPARTMENT OF MINES AND PETROLEUM RESOURCES

DEPARTMENT
OF
ENERGY, MINES AND RESOURCES

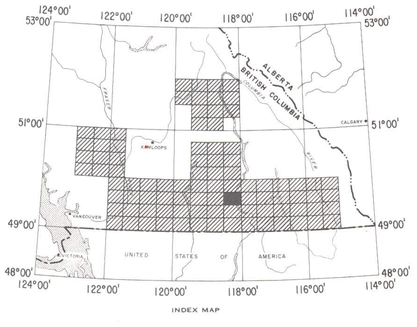
GEOLOGICAL SURVEY OF CANADA

GEOPHYSICAL SERIES (Aeromagnetic)

SHEET 82 E/9



PUBLISHED 1973

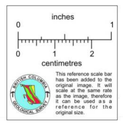


INDEX MAP

ISOMAGNETIC LINES (absolute total field)

500 gammas
100 gammas
20 gammas
10 gammas
Magnetic depression

Flight lines 15 687
Flight altitude 1000 feet above ground level



MAP 8489G

BURREL CREEK

BRITISH COLUMBIA

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

Miles

1 ½ 0 1 2 3

Airborne Magnetic Survey by Geoterrex Limited, from October 1969 to April 1972.

Survey flown with a helicopter owned by Klondike Helicopters at an average speed of 90 m.p.h.

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

No correction has been made for regional variation.

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 8489 G
BURREL CREEK
BRITISH COLUMBIA
SHEET 82 E/9

823629