GEOPHYSICAL SERIES
(HIGH RESOLUTION AEROMAGNETIC TOTAL FIELD)

PROVINCE
OF
BRITISH COLUMBIA
MINISTRY OF MINES AND PETROLEUM RESOURCES

DEPARTMENT
OF
ENERGY, MINES AND RESOURCES
GEOLOGICAL SURVEY OF CANADA

SHEET 104 G/2

9227 G "Mess Lake"

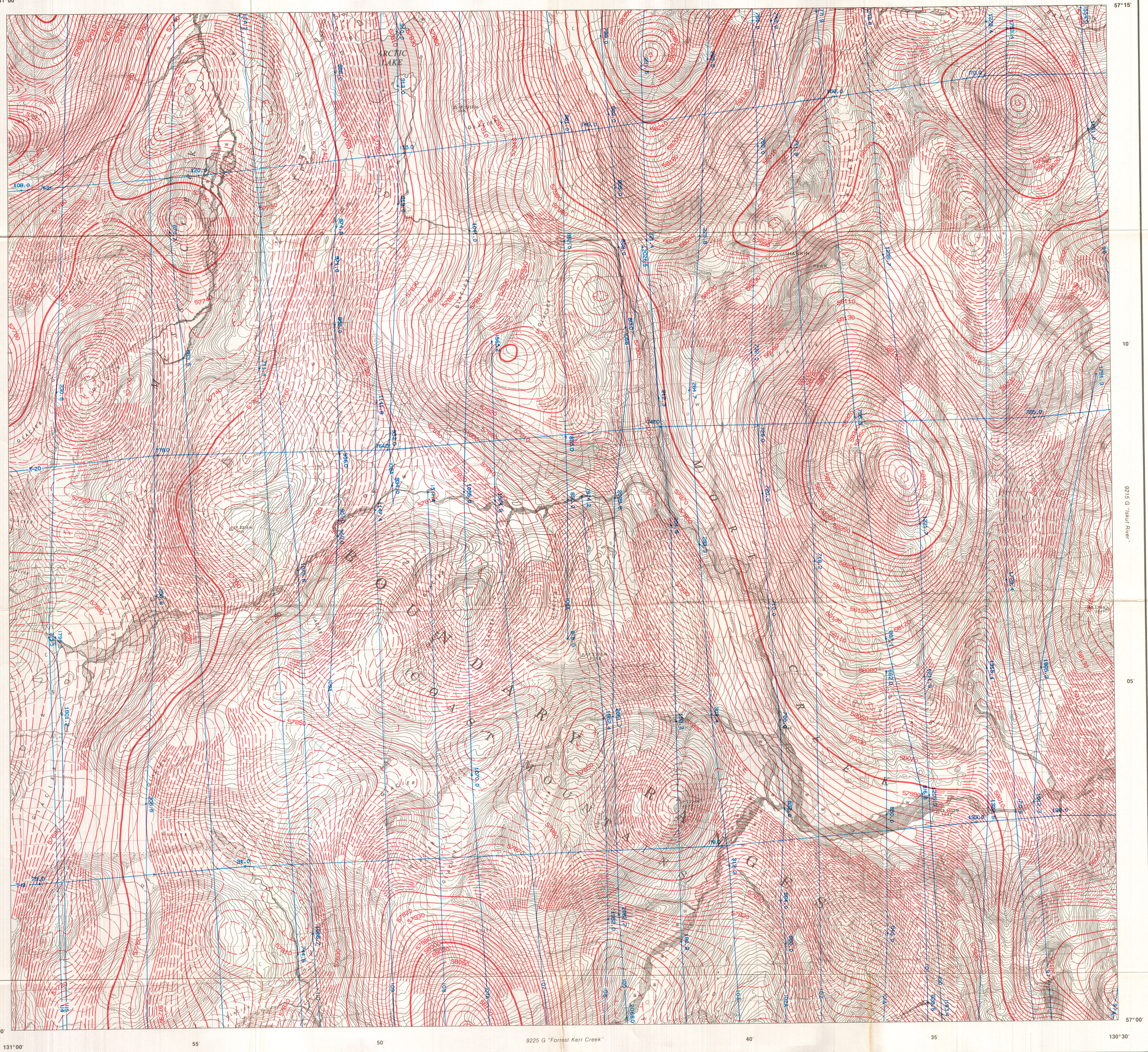
9237 G "Sphaler Creek"

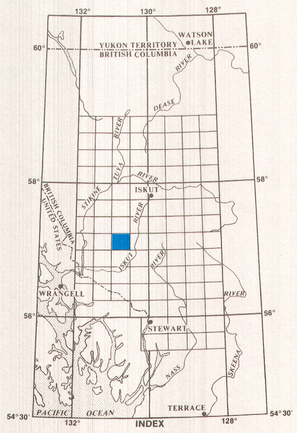
9215 G "Iskut River"

9225 G "Forrest Kerr Creek"

131°00′ 55′ 50′ 40′ 35′ 130°30′

57°15′ 10′ 05′ 57°00′





ISOMAGNETIC LINES (absolute total field)

250 gammas .....
50 gammas .....
10 gammas .....
2 gammas .....
Magnetic depression .....
Flight lines 23

Flight altitude: 2700 m above sea level

(1 gamma = 1 nanotesla in SI units)

MAP 9226G

MORE CREEK

BRITISH COLUMBIA

SCALE 1:50,000

Miles 1 0 1 2 3 Miles

Metres 1000 500 0 1000 2000 3000 4000 Metres

PUBLICATION 1978

This map is based on digitally-recorded high-sensitivity aeromagnetic data obtained with a Sander NPM-5 proton precession magnetometer which measured the total magnetic field to a resolution of .05 gamma. The average flight line spacing was 1.6 km and control lines were flown at an average spacing of 9.6 km.

The data was edited, compiled, levelled and gamma values for contouring interpolated on a square grid (2.54 mm grid spacing at the published map scale) by automatic computer processes.

Control line magnetic data was corrected for changes in the earth's magnetic field with time using various ground stations. Control lines were used to eliminate residual errors through analyzing and correcting of differences at intersections between traverses and control lines. No correction has been made for regional variations of the earth's magnetic field.

Airborne surveying, digital compilation, automatic contouring and plotting were carried out by Sander Geophysics Limited. Flying took place from November 1975 to February 1978.

Compilation was done on base maps supplied by the British Columbia Ministry of Mines and Petroleum Resources and the Department of Energy, Mines and Resources.

Copies of this map may be obtained from the Mineral Resources Branch, British Columbia Ministry of Mines and Petroleum Resources, Victoria, or from the Geological Survey of Canada, Ottawa. The data represented by these maps is available in digital form from the Geological Survey of Canada at the cost of retrieval and copying.

MAP 9226G
MORE CREEK
BRITISH COLUMBIA
SHEET 104 G/2