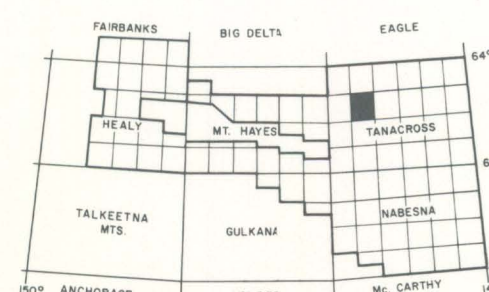


Copies of this map may be obtained from
The Division at Box 80007, College, Alaska



The magnetic contours shown on this map represent the total anomalous magnetic field of the earth. Variations in this field are caused by the variable magnetic character of rock units crossed by the survey flights, and hence, can be used to estimate the apparent location of rocks rich in magnetic minerals. Such rock units may be either at the surface of the ground or buried beneath it. Anomalies show both positive and negative variations depending on the shape, altitude, and constituents of local rocks. Geophysical interpretation will be helpful in determining boundaries or depth of buried and/or eroded rocks. The magnetic map is not intended to be interpreted without further geologic information. Basic profile data is retained at the Division of Geological Survey and should be consulted for detailed analysis.

Contract specifications written in consultation with United States Geological Survey.
Base map from U.S.G.S. 1:63360 Topographic map series.
Flown and compiled in 1971 by:
Lockwood, Kessler & Bartlett, Inc. Pasadena, California.

The diagram illustrates magnetic field lines and a flight line. At the top, a series of red dots represents the 10 GAMMA CONTOUR. Below this, a dashed line represents the 20 GAMMA CONTOUR. A solid horizontal line represents the 100 GAMMA CONTOUR. Below that, another solid horizontal line represents the 500 GAMMA CONTOUR. To the right of these lines, the text 'MAGNETIC LOW' is written. A curved line with arrows pointing outwards represents a magnetic field line. A line labeled 'A-I' with an arrow points towards the curved line. Below the curved line, the text 'FLIGHT LINE AND DIRECTION' is written. At the bottom, the text 'FLIGHT LINE SPACING 3/4 MILES' is written. Below that, the text 'FLIGHT ALTITUDE NOMINALLY 1000 FEET ABOVE GROUND' is written. Below that, the text 'REGIONAL MAGNETIC FIELD SW SHEET CORNER: 57,081 GAMMAS' is written. Below that, the text 'REGIONAL FIELD REMOVED. THE FIELD INCREASES' is written. At the bottom, the text 'APPROXIMATELY 5.0 GAMMAS/MILE, N 56° E' is written.

10 GAMMA CONTOUR

20 GAMMA CONTOUR

100 GAMMA CONTOUR

500 GAMMA CONTOUR

MAGNETIC LOW

A-I

FLIGHT LINE AND DIRECTION

FLIGHT LINE SPACING 3/4 MILES

FLIGHT ALTITUDE NOMINALLY 1000 FEET ABOVE GROUND

REGIONAL MAGNETIC FIELD SW SHEET CORNER: 57,081 GAMMAS

REGIONAL FIELD REMOVED. THE FIELD INCREASES

APPROXIMATELY 5.0 GAMMAS/MILE, N 56° E