

x 5347 FLIGHT LINE SPACING 3/4 MILE

FLIGHT ALTITUDE NOMINALLY 1000 FEET ABOVE GROUND

REGIONAL FIELD REMOVED. THE FIELD INCREASES APPROXIMATELY 4.7 GAMMAS/MILE, N 50° E

APPROXIMATE FIELD INCLINATION: +76.9°

REGIONAL MAGNETIC FIELD SW SHEET CORNER: 56,703 GAMMAS

20 GAMMA CONTOUR 100 GAMMA CONTOUR 500 GAMMA CONTOUR

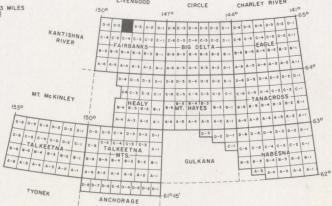
MAGNETIC LOW MAGNETIC MAXIMUM/MINIMUM



AEROMAGNETIC SURVEY EAST ALASKA RANGE FAIRBANKS (D-4), ALASKA

STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS

Copies of this map may be obtained from the Division at: 3001 Porcupine Drive, Anchorage, Alaska, 99501, and Box 80007, College, Alaska, 99701.



FAIRBANKS(D-4), 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 magnetic field of the earth. Variations in this state 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, attitude, and constituents of local rocks. Geophysical interpretation will be helpful in determining boundaries or depth of burial of anomaly—causing rock units. Some anomalies may be impossible to interpret without further geologic information. Basic profile data is retained at the Division of Geological and Geophysical Surveys and should be consulted for detailed analysis.

Base map from U.S.G.S. I:63 360 Topographic map series. Flown and compiled in 1973 by: LOCKWOOD, KESSLER & BARTLETT, INC., 2476 Huntington Drive, San Marino, California, 91108.