

..... 10 GAMMA CONTOUR
 - - - - - 20 GAMMA CONTOUR
 ———— 100 GAMMA CONTOUR
 ———— 500 GAMMA CONTOUR
 P-10 50
 x 5347
 FLIGHT LINE SPACING 3/4 MILE
 FLIGHT ALTITUDE NOMINALLY 1000 FEET ABOVE GROUND
 REGIONAL MAGNETIC FIELD SW SHEET CORNER 56,226 GAMMAS
 REGIONAL FIELD REMOVED. THE FIELD INCREASES
 APPROXIMATELY 5.4 GAMMAS/MILE, N 47° E
 APPROXIMATE FIELD INCLINATION: + 75.5°

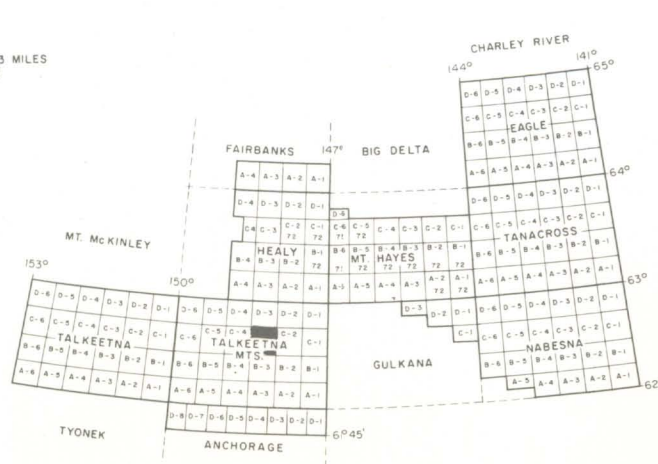
MAGNETIC LOW
 FLIGHT LINE AND DIRECTION WITH
 BEGINNING AND ENDING PHOTO NUMBERS
 MAGNETIC MAXIMUM/MINIMUM
 TRUE NORTH
 MAGNETIC NORTH
 APPROXIMATE MEAN
 DECLINATION, 1951

SCALE 1:63 360

**AEROMAGNETIC SURVEY
EAST ALASKA RANGE
TALKEETNA MTS.(C-3),ALASKA**

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS
NORMAN J. VEACH, GEOPHYSICIST

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



**TALKEETNA MTS.(C-3),ALASKA
AEROMAGNETIC SERIES**

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 on 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.

Contract specifications written in consultation with United States Geological Survey. Base map from U.S.G.S. 1:63 360 Topographic map series. Flown and compiled in 1972 by LOCKWOOD, KESSLER & BARTLETT, INC. Pasadena, California.