



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

[illegible]

The magnetic contours shown on this map represent the total anomalies due to the 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, 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. 1:63 360 Topographic map series
Flown and compiled in 1973 by:
LOCKWOOD, KESSLER & BARTLETT, INC.,
2476 Huntington Drive, San Marino, California, 91108.