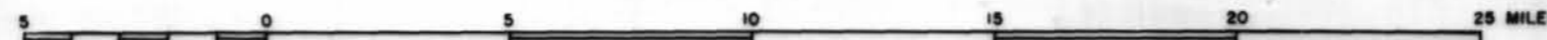


SCALE 1:250000



**AEROMAGNETIC SURVEY
 SEWARD PENINSULA
 BENDELEBEN, ALASKA**

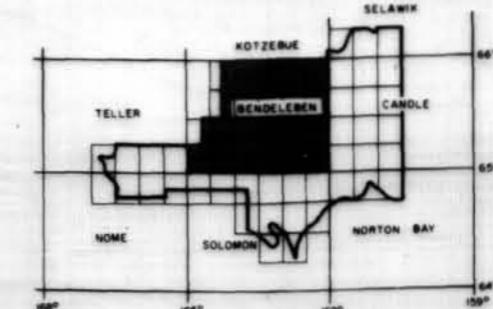
STATE OF ALASKA
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF GEOLOGICAL SURVEY
NORMAN J. VEACH, GEOPHYSICIST

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

**BENDELEBEN, 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 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 Survey and should be consulted for detailed analysis.

Contact specifications written in consultation with United States Geological Survey. Plotted and compiled in 1971 by Lockwood, Kessler & Bartlett, Inc., Pasadena, California.



- 10 GAMMA CONTOUR
 - 20 GAMMA CONTOUR
 - 100 GAMMA CONTOUR
 - 500 GAMMA CONTOUR
 - MAGNETIC LOW
- FLIGHT LINE AND DIRECTION
- FLIGHT LINE SPACING 3/4 MILES
 FLIGHT ALTITUDE NOMINALLY 1000 FEET ABOVE GROUND
 REGIONAL MAGNETIC FIELD SHEET CENTER 55,658 GAMMAS
 REGIONAL FIELD REMOVED THE FIELD INCREASES
 APPROXIMATELY 5.1 GAMMAS/MILE, N 25° E
 APPROXIMATE FIELD INCLINATION: +75.3°