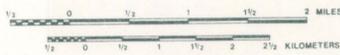


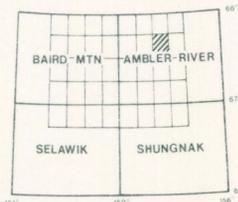
SCALE 1 : 63,360



AEROMAGNETIC SURVEY
 AMBLER RIVER C-4, ALASKA

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

Copies of this map may be obtained from
 The Division at 3001 Porcupine Drive, Anchorage, Alaska 99501



AMBLER RIVER C-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 variable magnetic character of rock units crossed by the survey flight, 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 buried 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.

NO FINAL TOPOGRAPHIC DATA IS AVAILABLE (PRELIMINARY COPY ONLY)
 Flown and compiled in 1974 by
 GeoMetrics, Sunnyvale, California

CONTOUR INTERVAL 10.0 GAMMAS
 DATUM 56565.36 GAMMAS
 FLIGHT LINE SPACING 1.0 MILE(S)
 FLIGHT ALTITUDE 1000 FEET AGL
 MAGNETIC DECLINATION 22° 50' E
 MAGNETIC INCLINATION 77° 23' N
 FLOWN AND COMPILED 1974
 INSTRUMENT GEOMETRICS G-803 PROTON MAGNETOMETER

A REGIONAL TREND OF 3.27 GAMMAS/MILE NORTH AND 2.45
 GAMMAS/MILE EAST EXISTED AND WAS REMOVED USING THE
 1965 IGRF UPDATED TO 1974

49000 49020 FLIGHT PATH WITH CAMERA FIDUCIAL
 NUMBERS

