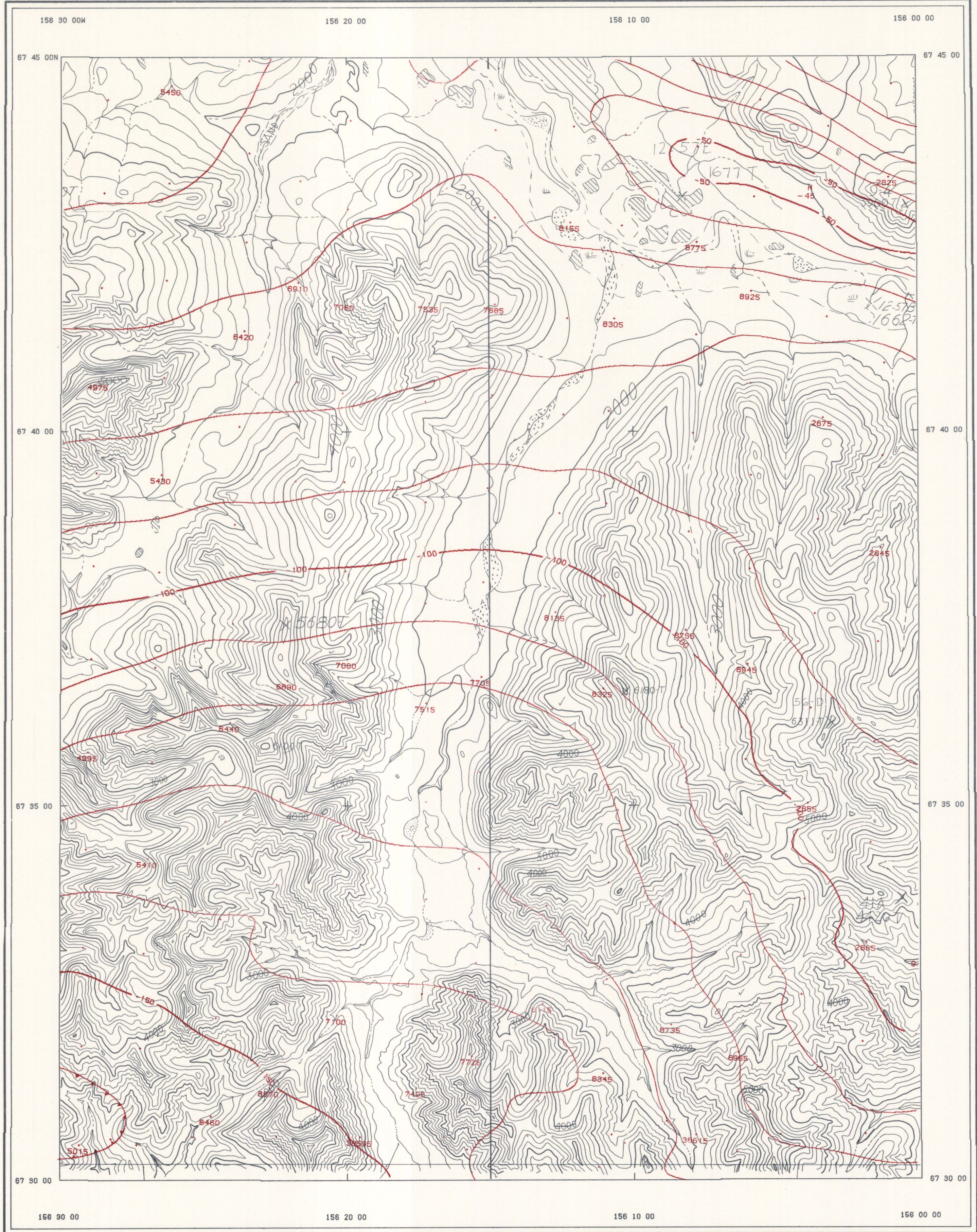
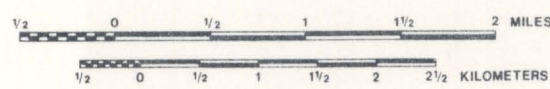




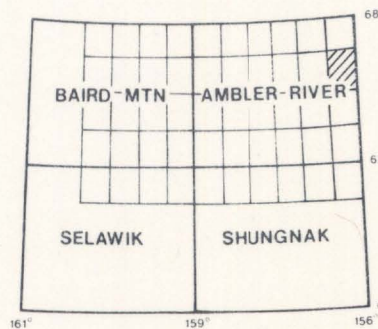
SCALE 1 : 63,360



AEROMAGNETIC SURVEY  
AMBLER RIVER C-1, 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



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.

NO FINAL TOPOGRAPHIC DATA IS AVAILABLE (PRELIMINARY COPY ONLY)  
Flown and compiled in 1974-1975 by:  
GeoMetrics, Sunnyvale, California.

CONTOUR INTERVAL 10.0 GAMMAS  
DATUM 56665.10 GAMMAS  
FLIGHT LINE SPACING 1.0 MILE(S)  
FLIGHT ALTITUDE 1000 FEET AGL  
MAGNETIC DECLINATION 23°51'E  
MAGNETIC INCLINATION 77°33'N  
FLOWN AND COMPILED 1974-1975  
INSTRUMENT GEOMETRICS G-803 PROTON MAGNETOMETER

A REGIONAL TREND OF 3.15 GAMMAS/MILE NORTH AND 260 GAMMAS/MILE EAST EXISTED AND WAS REMOVED USING THE 1965 IGRF UPDATED TO 1974

49000 49020 FLIGHT PATH WITH CAMERA FIDUCIAL NUMBERS