

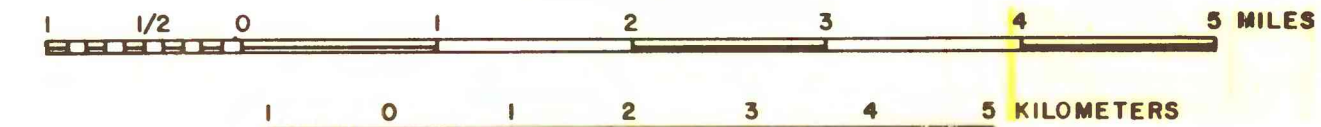
AEROMAGNETIC MAP OF THE BUTTE 1° BY 2° QUADRANGLE, MONTANA

BY

U.S. GEOLOGICAL SURVEY

1984

SCALE 1:62,500



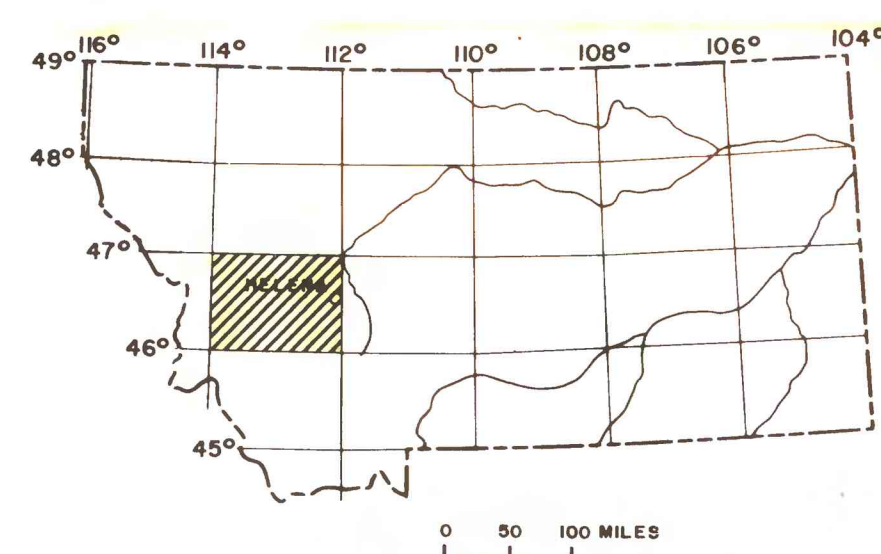
EXPLANATION

FLIGHT ALTITUDE 9000 FEET BAROMETRIC
FLIGHT INTERVAL 1000 FEET
TRAVERSE INTERVAL 1.0 MILE
TRAVERSE DIRECTION EAST - WEST
CONTOUR INTERVAL 10 GAMMA
PROJECTION U.T.M. CLARKE 1866, ZONE 12
BASE MAP USED U.S.G.S. 1:24,000
SURVEY PLANNED AND COMPLETED AUGUST 1983 BY AIRMAG SURVEYS, INC.
PHILADELPHIA, PENNSYLVANIA
MAGNETOMETER SAMPLING RATE 0.5 B 1.0 SECONDS
MAGNETOMETER USED AIRMAG MARK IV FLUXGATE
AIRMAG PROJECT NO. 871

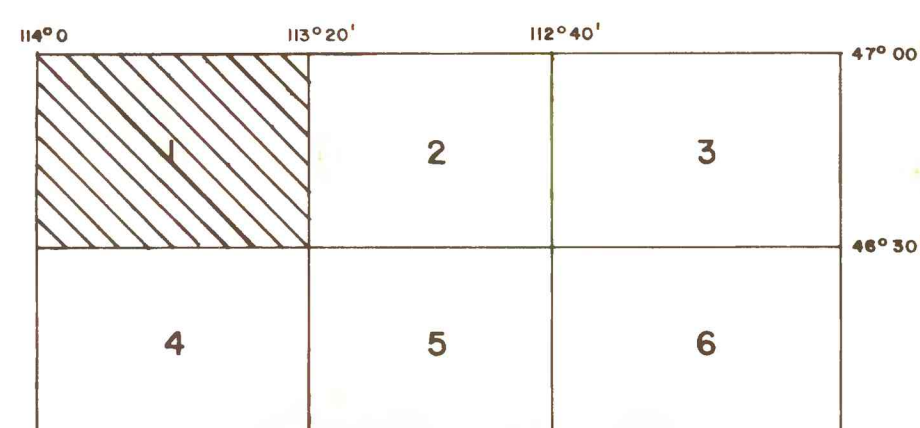
REGIONAL I G F (1980-1983.65) CALCULATED EVERY 7 1/2 MINUTES AND
APPLIED TO THE RECORDED FIELD.

TRAVERSE LINE 170 FIDUCIAL 51,800 HAS TOTAL MAGNETIC INTENSITY VALUE
OF 56,754 GAMMA. SAMPLE TAKEN JULY 21-83, 0712 HOURS LOCAL TIME.

CONTOURING GRID NET OF 150 METERS N/S, E/W.



Index map of Montana
showing location of this study area



Sheet 7 covers all 6 areas
SHEET INDEX

This map was prepared under contract
to the U.S. Geological Survey and has
not been reviewed for conformity with
USGS editorial standards. Opinions
and conclusions expressed herein do
not necessarily represent those of
the USGS. Any use of trade names is
for descriptive purposes only and does
not imply endorsement by the USGS.