

**EXPLANATION**

Magnetic contours showing total intensity magnetic field of the earth in gammas

Hashured to indicate closed areas of lower intensity; dashed where data are incomplete

Flight path  
Showing location and spacing of data

Datum base arbitrary

Contour Interval 20 Gammas

Flight level 3,200 meters barometric

Data source for north part of map:  
Johnson, M. W., Jr., Henderson, J. R., and Tyson, M. S., 1963, Aeromagnetic map of the Boulder Batholith area, southwestern Montana: U.S. Geological Survey Geophysical Investigations Map GP-538, scale 1:250,000.

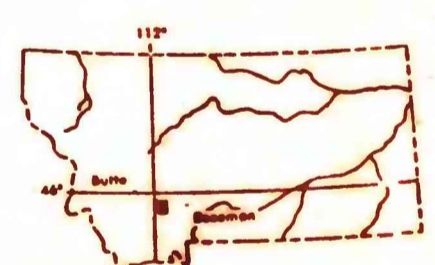
Datum base 57,360 Gammas

Contour Interval 10 Gammas

Flight level 3,658 meters barometric

Data source for south part of map:  
U.S. Geological Survey, 1973, Aeromagnetic map of southwestern Montana and east-central Idaho: Open-File Report 75-655, scale 1:250,000.

6 Sample location. Includes samples collected in recently mapped area (D. M. Finckney). Numbers are keyed to table 4.



INDEX MAP OF MONTANA  
SHOWING AREA OF THIS REPORT

111°45' 40' 35' 111°30'

SCALE 1:48,000

2 1 0 2 KILOMETERS

PLATE 3. COMPOSITE HIGH-LEVEL AEROMAGNETIC ANOMALY MAP OF THE BEAR TRAP CANYON INSTANT STUDY AREA AND ADJACENT AREAS, MONTANA.