

EXPLANATION

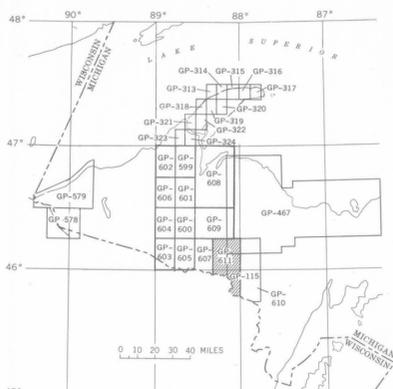


Magnetic contours
Showing total intensity magnetic field of the earth in gammas relative to arbitrary datum. Hachured to indicate closed areas of lower magnetic intensity, dashed where data are incomplete. Contour intervals 50, 250, and 1000 gammas.

Location of measured maximum or minimum intensity within closed high or closed low

Flight path
Showing location and spacing of data

NOTE
Aeromagnetic data are obtained and compiled along a continuous line, whereas ground magnetic surveys are made at separate points. Errors within the normal limits of any magnetic measurement may cause slight discrepancies between flight lines in an aeromagnetic map, which would be more obvious than similar discrepancies between points in a ground magnetic map. For this reason as much care should be exercised in evaluating magnetic features that appear as elongations along a single aeromagnetic traverse as in interpreting an anomaly indicated by a single ground station



INDEX MAP SHOWING AEROMAGNETIC MAPS PUBLISHED BY THE U.S. GEOLOGICAL SURVEY IN THE MICHIGAN UPPER PENINSULA. AREA OF GP-611 SHADED

**AEROMAGNETIC MAP OF THE SAGOLA QUADRANGLE AND PART OF THE IRON MOUNTAIN QUADRANGLE
DICKINSON, IRON, AND MARQUETTE COUNTIES, MICHIGAN**

SCALE 1:62 500



CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

1967

APPROXIMATE MEAN DECLINATION 1967

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. 1967—G-7080
Aeromagnetic survey flown at 500 feet above the ground by J. R. Balsley, 1949, 1951, and 1953.
Compiled by C. L. Kruger

For sale by U.S. Geological Survey, price 50 cents