DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

GEOPHYSICAL INVESTIGATIONS
MAP GP-613

AEROMAGNETIC MAP OF BALTIMORE COUNTY AND BALTIMORE CITY, MARYLAND

By
Randolph W. Bromery

SCALE 1:62 500

1 ½ 0 1 2 3 4 5 MILES
1 5 0 1 2 3 4 5 KILOMETERS

1967

EXPLANATION

Contours along northeastern border of Baltimore County are not shown on this map, but are shown on GP-482

8125

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 are 25 and 125 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 OF MARYLAND SHOWING AEROMAGNETIC MAPS PUBLISHED BY THE U.S. GEOLOGICAL SURVEY. AREA OF GP-613 SHADED. GRAVITY MAP FOR AREA OF GP-613 IS GP-614

Base from U.S. Geological Survey topographic maps

Aeromagnetic survey flown at 500 feet above ground and compilation supervised by R. W. Bromery, 1964

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