



**EXPLANATION**

Magnetic contours showing total intensity magnetic field of the earth in gammas relative to arbitrary datum.  
Notched to indicate closed areas of lower magnetic intensity, dashed where data are incomplete.

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.

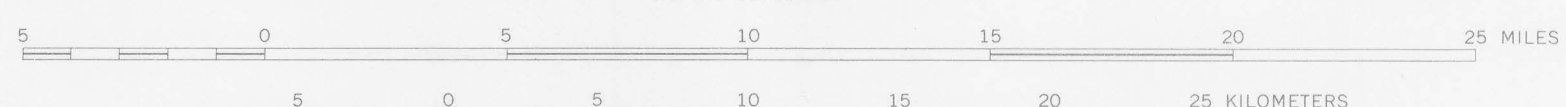
**INDEX MAP SHOWING AREA OF THIS REPORT**

The index map shows the location of the study area within the context of the surrounding states and regions, including Lake Erie, Pennsylvania, West Virginia, and Maryland. It includes a scale bar from 0 to 200 miles.

Base from Army Map Service, Corps of Engineers, 1:250,000 topographic map series, Canton, 1957; Clarksburg, 1956; Cleveland, 1956; Cumberland, 1956; Pittsburgh, 1941; Warren, 1957.

**AEROMAGNETIC MAP OF WESTERN PENNSYLVANIA AND PARTS OF EASTERN OHIO, NORTHERN WEST VIRGINIA, AND WESTERN MARYLAND**

By  
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SCALE 1:250 000



CONTOUR INTERVAL 25 GAMMAS

1964