



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 are 20 and 100 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 CONNECTICUT SHOWING AEROMAGNETIC MAPS PUBLISHED BY THE U.S. GEOLOGICAL SURVEY. AREA OF GP-546 SHADED.

GEOLOGIC MAPS FOR GP-546 ARE U.S. GEOLOGICAL SURVEY MAPS GQ-138 AND GQ-176.

Base from U.S. Geological Survey topographic quadrangles: Uncasville, 1958, and New London, 1958. Aeromagnetic survey flown at 500 feet above ground, 1963.

AEROMAGNETIC MAP OF THE UNCASVILLE QUADRANGLE AND PART OF THE NEW LONDON QUADRANGLE
NEW LONDON COUNTY, CONNECTICUT

By
G. R. Boynton and C. W. Smith



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