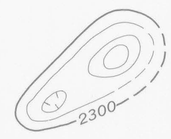
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH
THE U.S. ATOMIC ENERGY COMMISSION

GEOPHYSICAL INVESTIGATIONS
MAP GP-443

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

+2525

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 NEVADA SHOWING AEROMAGNETIC MAPS PUBLISHED BY THE U.S. GEOLOGICAL SURVEY. AREA OF GP-443 SHADED

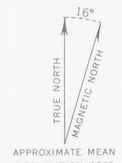
Base map from U.S. Army Map Service
Quadrangles: Timber Mountain, 1952,
and Silent Canyon, 1952

Aeromagnetic survey flown at 8000 feet
barometric elevation, 1960 and 1961

AEROMAGNETIC MAP OF THE TIMBER MOUNTAIN QUADRANGLE AND PART OF THE SILENT CANYON QUADRANGLE, NYE COUNTY, NEVADA

By

G. R. Boynton, J. L. Meuschke, and J. L. Vargo



APPROXIMATE MEAN
DECLINATION, 1963

SCALE 1:62 500

1 ½ 0 1 2 3 4 5 MILES

1 .5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 20 AND 100 GAMMAS

GEOPHYSICAL INVESTIGATIONS
MAP GP-443

1963

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—G63280

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