65-39

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

GEOPHYSICAL INVESTIGATIONS
PRELIMINARY MAP

EXPLANATION

1100

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

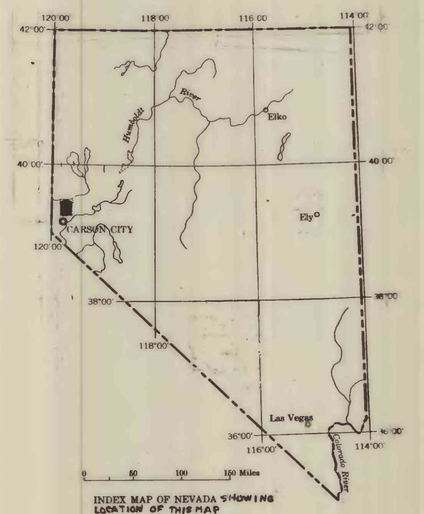
Location of measured maximum or minimum intensity within closed high or closed low

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 NEVADA SHOWING LOCATION OF THIS MAP

Base from U.S. Geological Survey topographic quadrangles: Mt. Rose 1950 and Virginia City, 1950

Aeromagnetic survey flown at 1000 feet above ground, 1948

AEROMAGNETIC MAP OF PARTS OF THE MT. ROSE AND THE VIRGINIA CITY QUADRANGLES, LYON, STOREY, AND WASHOE COUNTIES, NEVADA

By

W. J. Dempsey and J. L. Vargo

SCALE 1:62 500

1 ½ 0 1 2 3 MILES

CONTOUR INTERVAL 20 GAMMAS

1965