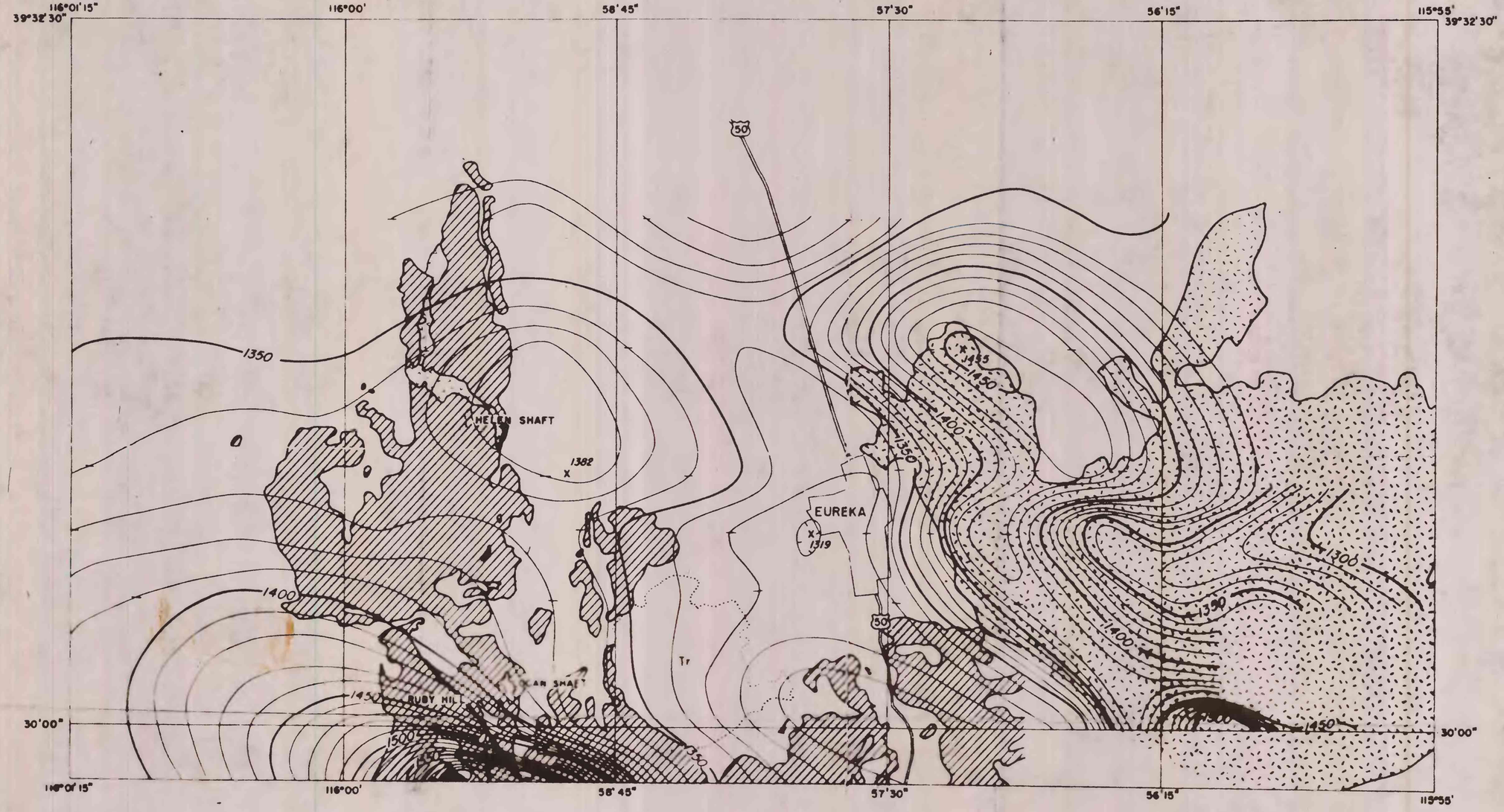
51-44

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY



Base from state of Nevada topographic quadrangle
Eureka mining district, Nevada

GEOLOGIC AND TOTAL INTENSITY AEROMAGNETIC MAP IN THE VICINITY OF EUREKA, NEVADA

RELATIVE TO ARBITRARY DATUM

1:24,000

1 0.5 0 1 2 Miles

Contour interval 10 gammas
Flown 1000 feet above surface
1951

Aeromagnetic survey 1948 by W. J. Dempsey
John R. Reese and Fred Moore

JAN 11 1967

EXPLANATION

Magnetic contours with flight-line intersections, contours dashed where data incomplete

Magnetic contour enclosing area of lower magnetic intensity

x 2543

Measured maximum or minimum intensity within closed high or closed low

Geology by T. B. Nolan
J. Van N. Dorr, II
J. S. Shelton
R. W. Osterstock

- Ruby Hill fault
- Quartz monzonite porphyry
- Quartz monzonite
- Basalt
- Quaternary and Tertiary gravels and rhyolite
- Paleozoic and Mesozoic sedimentary rocks