Base from U.S. Geological Survey 1:250,000
Adel, Oregon,
Vya, Nevada, Oregon, California, 1954
(rev. 1970)

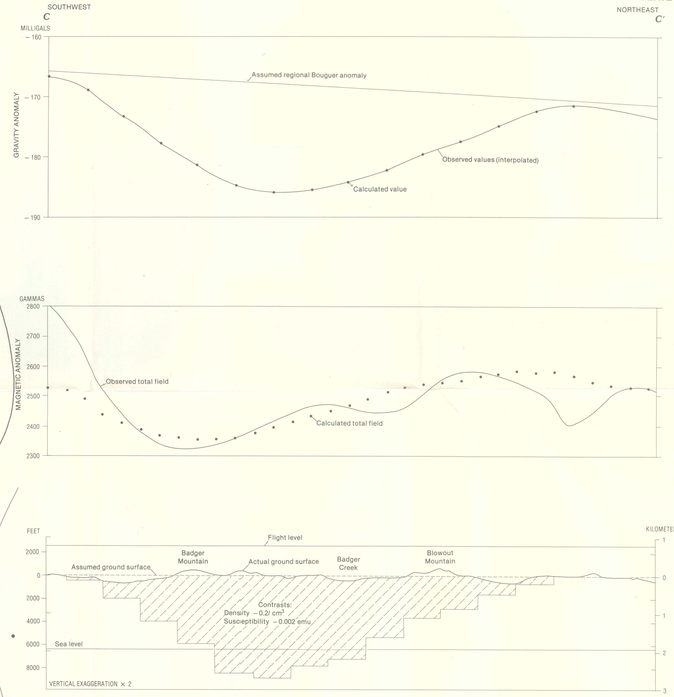
SCALE 1:125 000

2 0 2 4 6 8 10 MILES

2 0 2 4 6 8 10 KILOMETERS

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

1983 MAGNETIC DECLINATION VARIES FROM TRUE NORTH FROM 17°30' EASTERLY FOR THE NORTHWESTERN CORNER TO 12°00' EASTERLY FOR THE SOUTHEASTERN CORNER



EXPLANATION

—150— BOUGUER GRAVITY CONTOURS—Contour interval 5 milligals. Hachured contours enclose gravity minima

△ GRAVITY BASE STATION

▲ GRAVITY STATION ESTABLISHED IN 1975 NEAR BENCHMARK OR SPOT ELEVATION

■ GRAVITY STATION IN CRUMP GEYSER AREA (PLOUFF, 1975)

● GRAVITY STATION ESTABLISHED BEFORE 1975 OR WITH ELEVATION DETERMINED BY CONTOUR ESTIMATE

OUTLINE OF POSTULATED CALDERA

C_4 POSSIBLE CALDERA

F_{11} POSSIBLE FAULT

G_{11} GRAVITY ANOMALY

H_2 NEAR HOT SPRINGS

—2000— MAGNETIC CONTOURS—Showing the total-intensity magnetic field of the earth relative to an arbitrary datum. Regional gradient of about 6 gammas per km removed. Hachures enclose ma netic minima. Contour interval 100 gammas, with intermediate, dashed contours at interval of 20 gammas

FLIGHT PATH—Showing location and spacing of data. Constant barometric elevation was 9000 feet (2743 m) above sea level

M_2 BROAD MAGNETIC HIGH

T_5 ANOMALY CORRELATED WITH TOPOGRAPHY

INDEX MAP

Field data of 269 stations collected by S. L. Robbins and K. D. Holden, 1975; supplemented by data obtained from U.S. Department of Defense Gravity Library, written commun., 1975. Compiled by Donald Plouff, 1976.

Aeromagnetic data compiled from U.S. Geological Survey, 1972, Aeromagnetic map of the Vya and part of the McDermitt 1° × 2° quadrangles, Nevada; and Aeromagnetic map of the Adel and part of the Burns, Boise, and Jordan Valley 1° × 2° quadrangles, Oregon: U.S. Geological Survey Open-file reports, scale 1:250,000.

Mines and prospects field checked by E. T. Tuchek, F. J. Johnson, and M. D. Conyac, 1975.

AEROMAGNETIC AND COMPLETE BOUGUER GRAVITY ANOMALY MAP OF THE CHARLES SHELDON WILDERNESS STUDY AREA, NEVADA AND OREGON

INTERIOR—GEOLOGICAL SURVEY, RESTON, VA.—1985—G85027