

EXPLANATION



Magnetic contours—Showing total intensity magnetic field of the earth in gammas.

Magnetic contour interval 25 and 100 gammas  
Datum at latitude 41°45' N, longitude 124°03' 26" W, is 53,038 gammas  
Flight line spacing 0.5 mile (0.8 km); flown east-west  
Flight altitude 3800 feet above sea level  
Flown and compiled by Aerial Surveys, Salt Lake City, Utah, 1977

An average regional trend of 7.61 gammas per mile north and 4.48 gammas per mile east was removed using the 1975 IGRF updated to April, 1977.

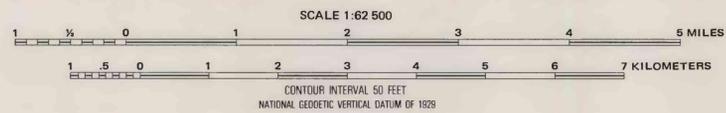
Contours drawn by computer methods

- Dots represent the locations of east-west flight lines
- H**  
**+654** Magnetic high with maximum value of +654 gammas
- L**  
**-294** Magnetic low with minimum value of -294 gammas



AREA OF STUDY

Base from U.S. Geological Survey Crescent City, 1961, Gasquet, 1962



AEROMAGNETIC MAP OF THE JOSEPHINE PERIDOTITE, DEL NORTE COUNTY, CALIFORNIA