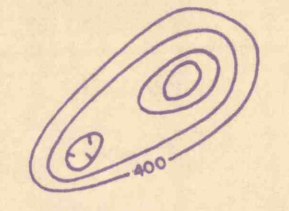


Aeromagnetic survey flown by AIRMAG SURVEYS, INC.  
and compiled by G. GEOPHYSICAL EXPLORATION CORPORATION  
Flown at 1000 feet ground clearance, 1973

EXPLANATION



Magnetic contours

Contours show the reduced total magnetic field intensity derived from the total magnetic field with the Epoch 1965.0 international geomagnetic reference field (Int. Mag. Values of Total Magnetic Intensity IGRF - 1965 by E. B. Fabiano and N.W. Paddie, Coast and Geodetic Survey Technical Report No. 38, 55p, 1969) removed. Hachured to indicate closed areas of lower magnetic intensity. Contour intervals 10 and 50 gammas

Principal facts of the IGRF field  
Inclination  $71^{\circ} N$   
Declination  $8^{\circ} W$   
Total intensity 57900 Gammas  
Gradient East -1.7 Gammas/Mile  
Gradient North 7.0 Gammas/Mile

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

Flight path  
Showing location and spacing of data

AEROMAGNETIC MAP OF PART OF THE BUFFALO 1° BY 2° QUADRANGLE, PENNSLVANIA