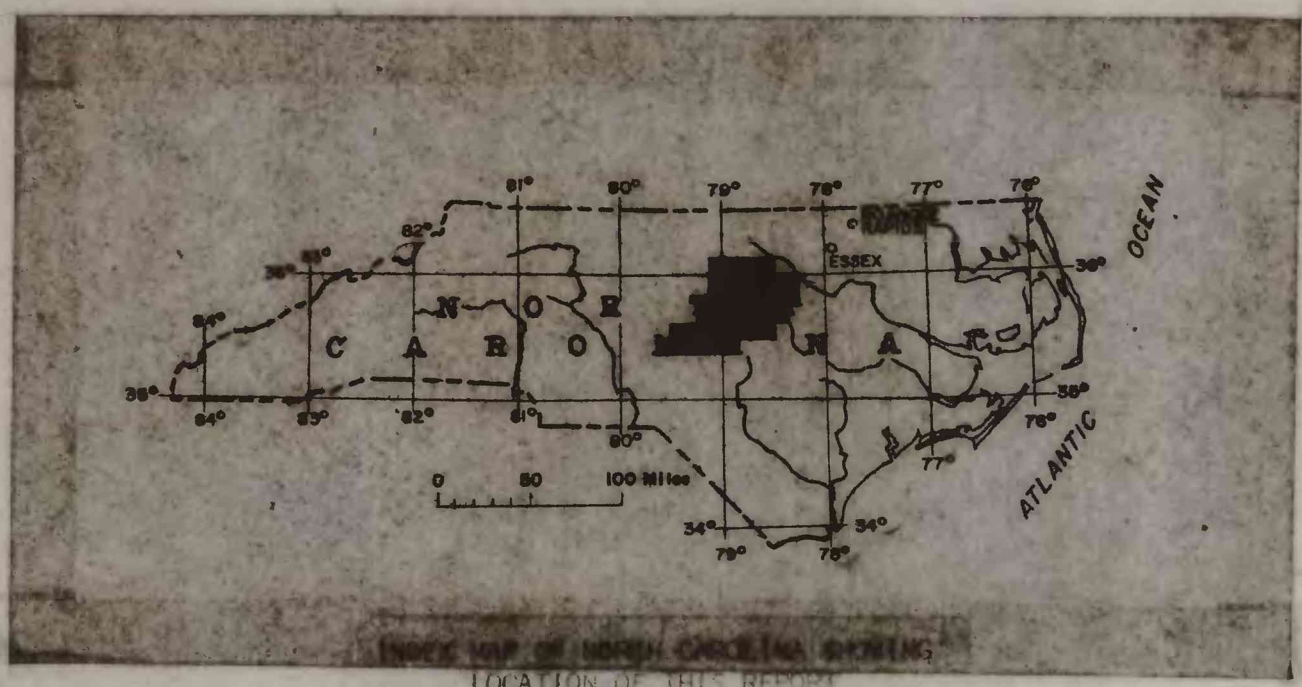
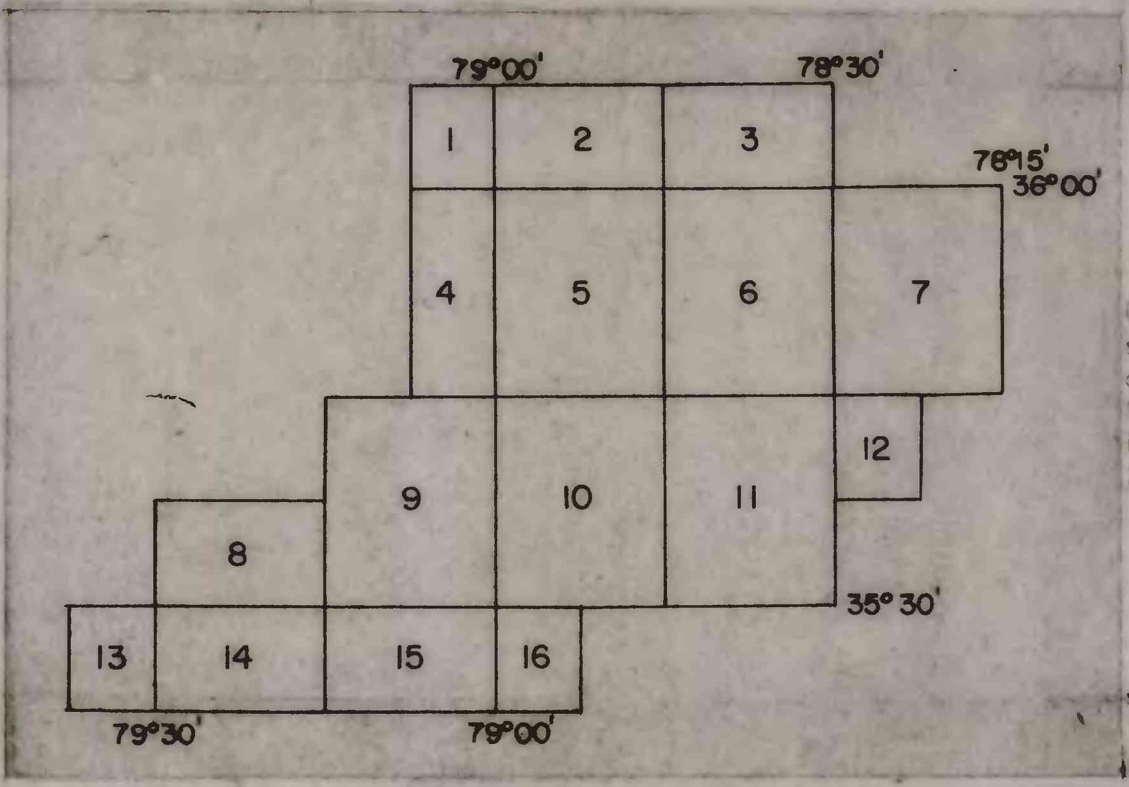


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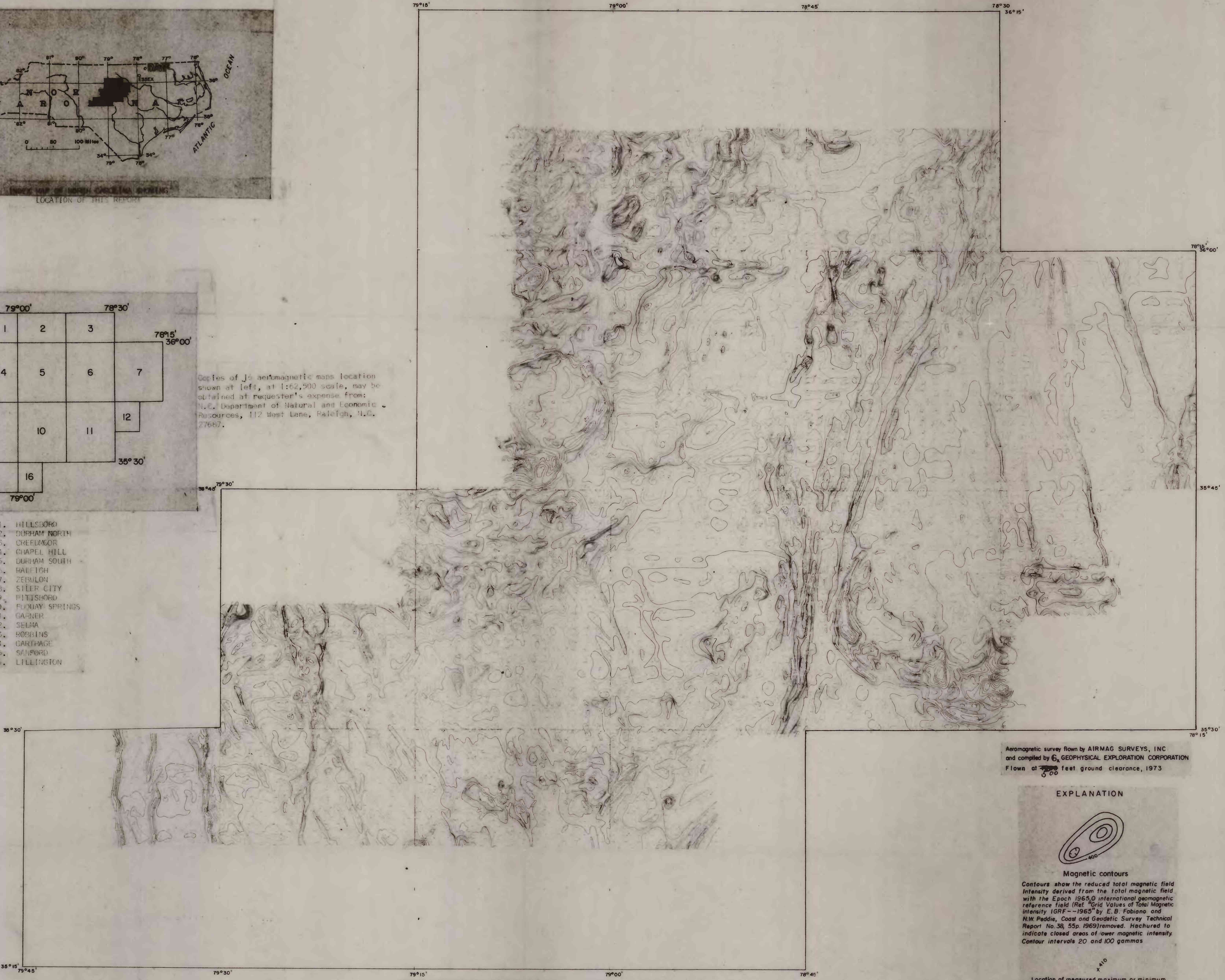


LOCATION OF THE REPORT



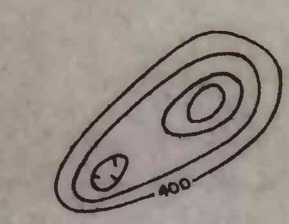
Copies of 1:62,500 aeromagnetic maps location shown at left, at 1:62,500 scale, may be obtained at requester's expense from: N.C. Department of Natural and Economic Resources, 112 West Lane, Raleigh, N.C. 27667.

1. HILLSBORO
2. DURHAM NORTH
3. CREEKMOOR
4. CHAPEL HILL
5. DURHAM SOUTH
6. HALEIGH
7. ZEPHULON
8. STILL CITY
9. PITTSBORO
10. FLOYD SPRINGS
11. GARNER
12. SELMA
13. WOODBINE
14. GARFAGE
15. SANFORD
16. LILLINGTON



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

EXPLANATION

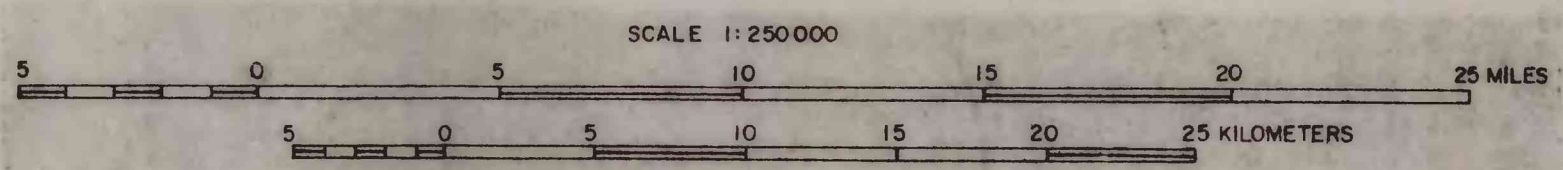


Magnetic contours
Contours show the reduced total magnetic field intensity derived from the total magnetic field with the Epoch 1965.0 international geomagnetic reference field (Ref. "Data Values of Total Magnetic Intensity IGRF-1965" by E. B. Fobiano and N.W. Paddie, Coast and Geodetic Survey Technical Report No. 36, 25p, 1965) removed. Hatched to indicate closed areas of lower magnetic intensity. Contour intervals 20 and 100 gammas.

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

— Flight path
Showing location and spacing of data

Principal facts of the IGRF field
Inclination 67°10' N
Declination 3°45' W
Total intensity 54830 Gammas
Gradient East -1.8 Gammas/Mile
Gradient North 7.4 Gammas/Mile



AEROMAGNETIC MAP OF PARTS OF THE GREENSBORO AND RALEIGH 1° BY 2° QUADRANGLES, NORTH CAROLINA

This map is preliminary and has not been edited or reviewed for conformity to Geological Survey standards.