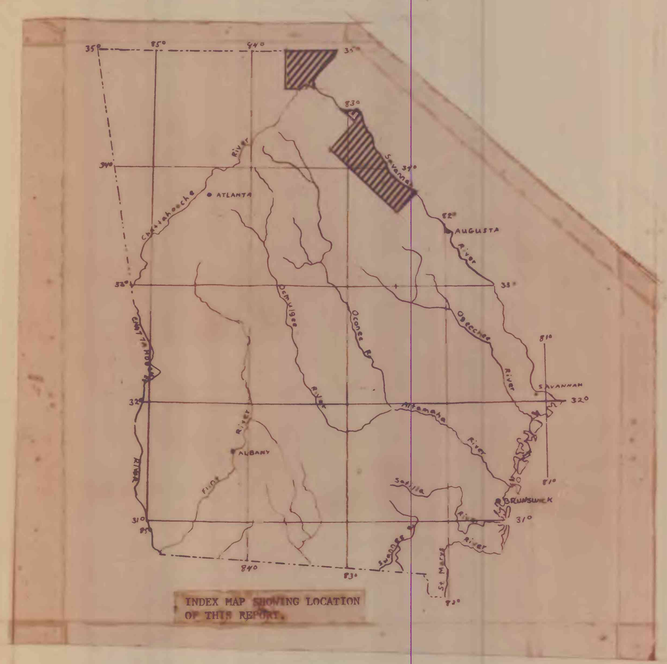
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH GEORGIA
DEPARTMENT OF NATURAL RESOURCES, EARTH AND WATER DIVISION

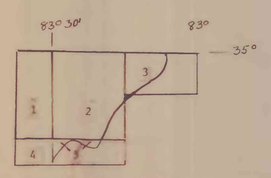
OPEN-FILE REPORT
77-190

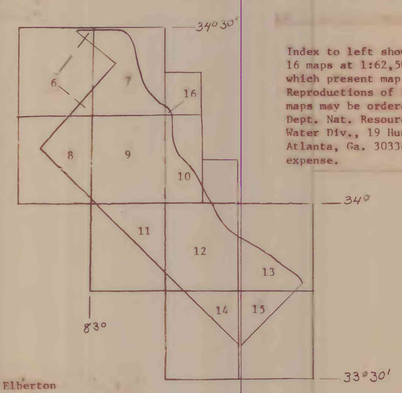
84°00′00″ | 83°30′00″ | 83°00′00″ | 82°30′00″ | 82°00′00″

35°00′00″ | 34°30′00″ | 34°00′00″ | 33°30′00″



INDEX MAP SHOWING LOCATION OF THIS REPORT.





Index to left shows location of 16 maps at 1:62,500 scale from which present map was compiled. Reproductions of 1:62,500 scale maps may be ordered from Georgia Dept. Nat. Resources, Earth and Water Div., 19 Hunter St. S.W., Atlanta, Ga. 30334 at requester's expense.

1. Lake Burton
2. Dillard
3. Tamassee
4. Clarkesville
5. Tallulah Falls
6. Royston
7. Hartwell
8. Danielsville
9. Elberton
10. Heardmon
11. Jackson Crossroads
12. Chennault
13. Lincolnton
14. Aonia
15. Appling
16. Iva, South Carolina

Aeroradioactivity map for same area is U.S. Geol. Survey open-file report 77-191.

GREENVILLE

CONTOUR INTERVAL ..... 10.0 GAMMAS
DATUM ..... 53,728.95 GAMMAS
FLIGHT LINE SPACING ..... 1.0 MILE(S)
FLIGHT ALTITUDE ..... 500 FEET AGL
FLOWN AND COMPILED 1976
INSTRUMENT..... GEOMETRICS G-803 PROTON MAGNETOMETER

A REGIONAL TREND OF 8.44 GAMMAS/MILE NORTH AND −0.64 GAMMAS/MILE EAST EXISTED AND WAS REMOVED USING THE 1975 IGRF UPDATED TO 1976

. . . . . FLIGHT PATH SHOWING LOCATION AND SPACING OF DATA

ATHENS

CONTOUR INTERVAL ..... 10.0 GAMMAS
DATUM ..... 54,311.07 GAMMAS
FLIGHT LINE SPACING ..... 1.0 MILE(S)
FLIGHT ALTITUDE ..... 500 FEET AGL
FLOWN AND COMPILED 1976
INSTRUMENT..... GEOMETRICS G-803 PROTON MAGNETOMETER

A REGIONAL TREND OF 8.18 GAMMAS/MILE NORTH AND −0.71 GAMMAS/MILE EAST EXISTED AND WAS REMOVED USING THE 1975 IGRF UPDATED TO 1976

. . . . . FLIGHT PATH SHOWING LOCATION AND SPACING OF DATA

33°30′00″ | 84°00′00″ | 83°30′00″ | 83°00′00″ | 82°30′00″ | 82°00′00″

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

SCALE 1:250,000

MILES 5 0 5 10 15 20 25 MILES
KILOMETERS 5 0 5 10 15 20 25 30 35 40 45 KILOMETERS

AEROMAGNETIC MAP OF PART OF NORTHERN GEORGIA

BY

U. S. GEOLOGICAL SURVEY

1977

SURVEY AND COMPILATION BY:

geoMetrics