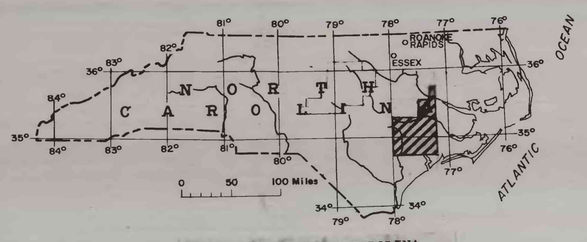
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
NORTH CAROLINA DEPARTMENT OF NATURAL AND ECONOMIC RESOURCES

OPEN-FILE REPORT
76-815

78°00'00" 77°30'00" 77°00'00" 76°30'00"

36°00'00"



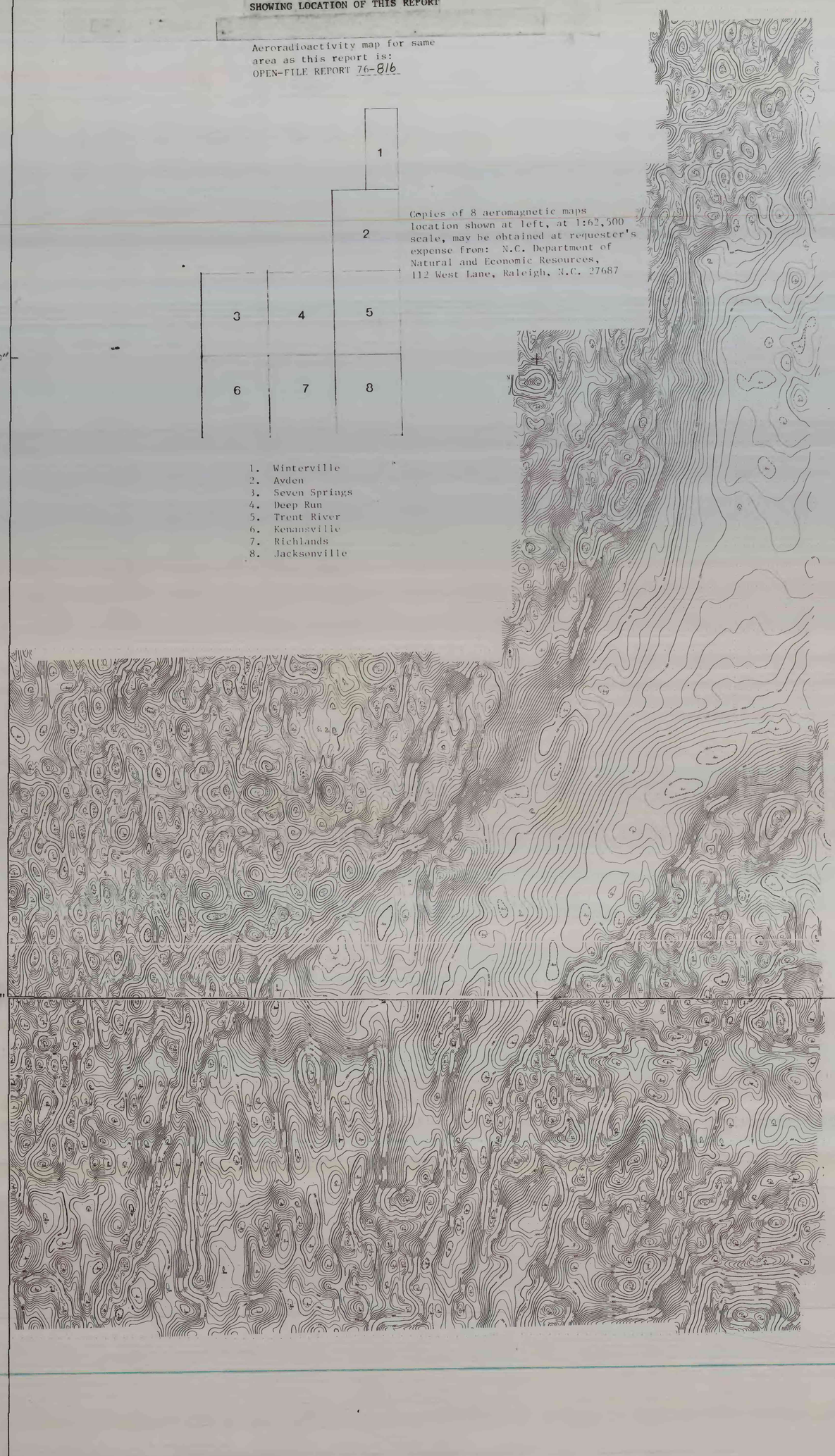
INDEX MAP OF NORTH CAROLINA
SHOWING LOCATION OF THIS REPORT

Aeroradioactivity map for same area as this report is:
OPEN-FILE REPORT 76-816

Copies of 8 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. 27687

1. Winterville
2. Avden
3. Seven Springs
4. Deep Run
5. Trent River
6. Kenansville
7. Richlands
8. Jacksonville

35°30'00"



35°00'00"

FOR ROCKY MOUNT QUADRANGLE

CONTOUR INTERVAL	10.0 GAMMAS
DATUM	54,460.91 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 7.60 GAMMAS/MILE NORTH AND -2.08 GAMMAS/MILE EAST EXISTED AND WAS REMOVED USING THE 1975 IGRF UPDATED TO 1976

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

FOR BEAUFORT QUADRANGLE

CONTOUR INTERVAL	10.0 GAMMAS
DATUM	53,917.94 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 7.87 GAMMAS/MILE NORTH AND -2.00 GAMMAS/MILE EAST EXISTED AND WAS REMOVED USING THE 1975 IGRF UPDATED TO 1976

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

34°30'00" 78°00'00" 77°30'00" 77°00'00" 76°30'00"

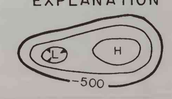
This map is preliminary and has not been edited or reviewed to conform to Geological Survey standards.

NOTE: Contours on this map were computer generated. Some detail may have been lost in the process.

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

EXPLANATION



Magnetic contours showing total intensity magnetic field of the earth in gammas relative to listed datum. Hachured to indicate closed areas of lower magnetic intensity. L, magnetic low; H, magnetic high.

FLOWN BY:
Airborne Geophysics

SURVEY AND COMPILATION BY:

geoMetrics

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AEROMAGNETIC MAP OF PARTS OF THE ROCKY MOUNT AND BEAUFORT 1° BY 2° QUADRANGLES, NORTH CAROLINA

BY

COASTAL PLAINS REGIONAL COMMISSION AND U. S. GEOLOGICAL SURVEY

1976

PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME