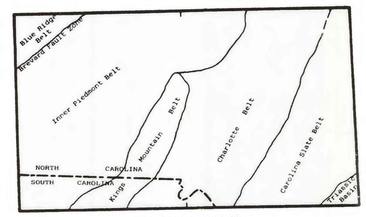
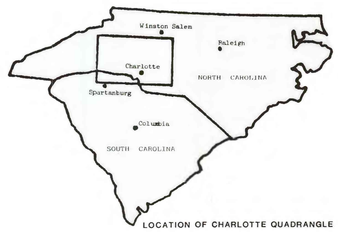
DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY

OPEN-FILE REPORT 84-843-E



GEOLOGIC PROVINCES



LOCATION OF CHARLOTTE QUADRANGLE

EXPLANATION

- Concentrate containing visible gold
- Concentrate containing 20 ppm or greater gold
- Fault
- Topographic lineament

Base from U.S. Geological Survey
Charlotte AMS, 1953-74

Scale 1:250,000

5 0 5 10 15 20 Statute Miles
5 0 5 10 15 20 25 30 Kilometres
5 0 5 10 Nautical Miles

CONTOUR INTERVAL 100 FEET WITH
SUPPLEMENTARY CONTOURS AT 50 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 17

1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 2° 40 WILD WESTERLY FOR THE CENTER OF THE WEST EDGE TO 4° 170 WILD WESTERLY FOR THE CENTER OF THE EAST EDGE

This map is preliminary and has not been edited or reviewed for conformity with U.S. Geological Survey editorial standards

DISTRIBUTION OF GOLD IN HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE CHARLOTTE 1° X 2° QUADRANGLE, NORTH CAROLINA AND SOUTH CAROLINA

By

J.W. Whitlow, K.A. Duttweiler, W. R. Griffitts, and D.F. Siems

1985