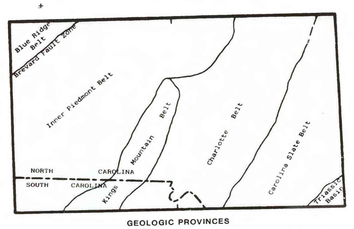
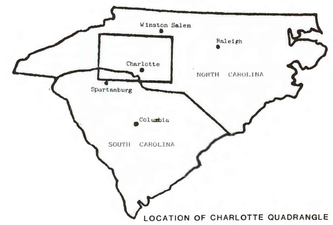
DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY



GEOLOGIC PROVINCES



LOCATION OF CHARLOTTE QUADRANGLE

EXPLANATION

Beryllium content (ppm) in NM concentrate

- + Less than 2
- 2-10
- △ 15-30
- △ 50-100
- ✳ Greater than 100

Beryllium content (ppm) of minus 100 mesh sediment (after Ferguson, 1979)

- Less than 2
- 2-4.5
- 5-84

- Cherryville pluton
- Salisbury pluton
- Brown Mountain pluton
- Spodumene-bearing pegmatite
- ○ Coarse muscovite pegmatite

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

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

Scale 1:250,000

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

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

By

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

1985