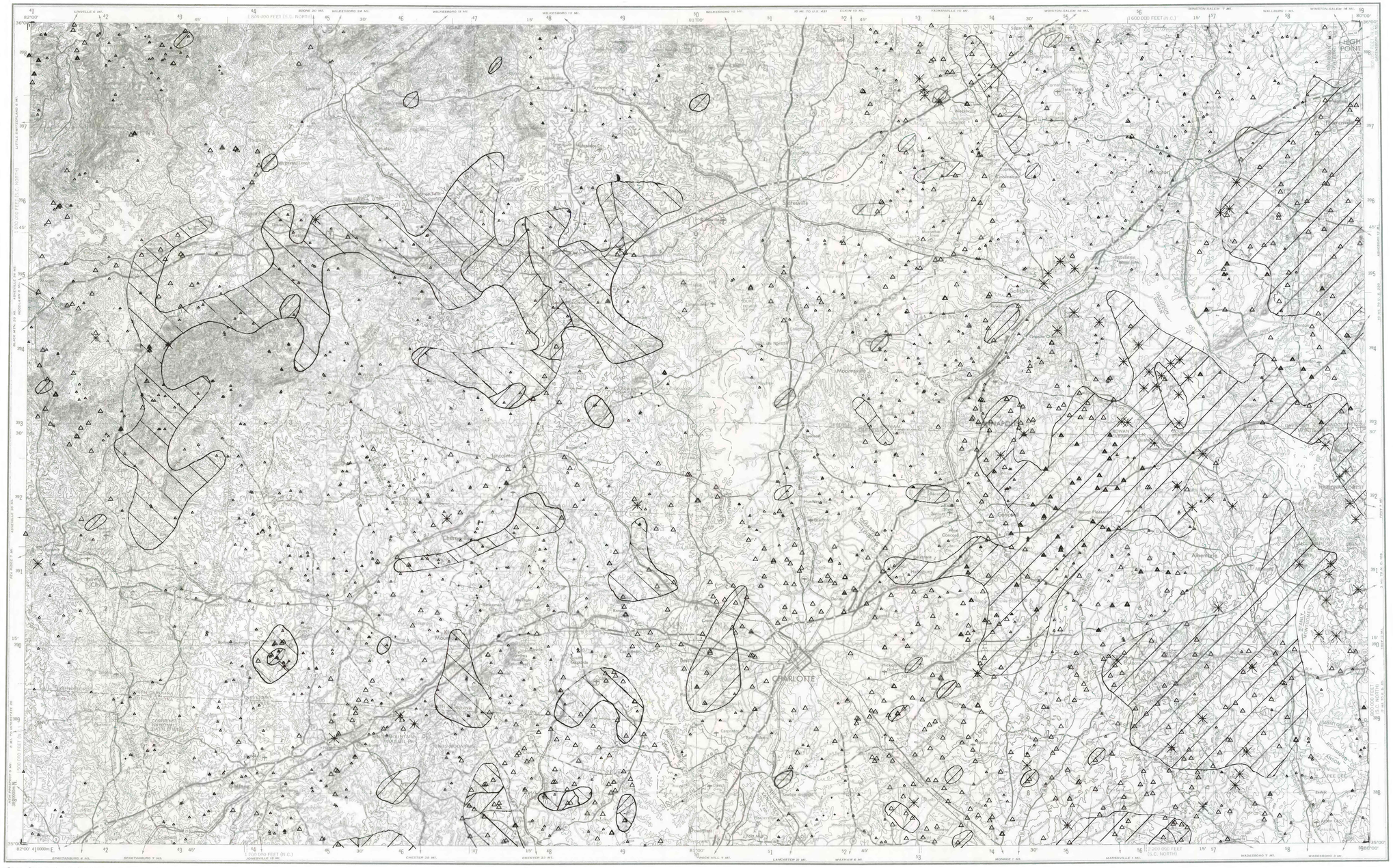


Base from U.S. Geological Survey
Charlotte AMS, 1953-74

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

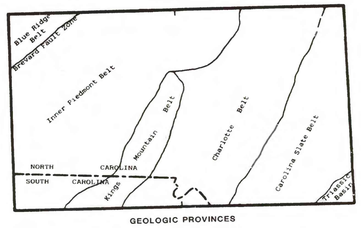
Scale 1:250,000

CONTOUR INTERVAL 100 FEET WITH
SUPPLEMENTARY CONTOURS AT 50 FOOT INTERVALS

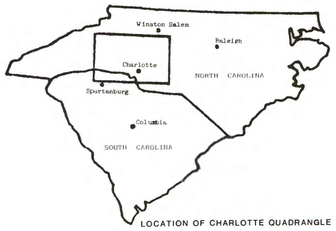
TRANSVERSE MERCATOR PROJECTION

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

1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 2° (40 MILS) WESTERLY FOR THE CENTER OF THE WEST EDGE TO 4° (70 MILS) WESTERLY FOR THE CENTER OF THE EAST EDGE



GEOLOGIC PROVINCES



LOCATION OF CHARLOTTE QUADRANGLE

EXPLANATION

Copper content (ppm) of M.5 fraction of concentrate:

- 15-30
- 50-100
- Greater than or equal to 150

Copper content (ppm) of minus 100-mesh sediment (from Ferguson, 1979):

- 10-14
- Greater than or equal to 15

COPPER IN M.5 CONCENTRATES AND MINUS 100-MESH SEDIMENTS

DISTRIBUTION OF COPPER 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, Theodore Botinelly, and D.F. Siems

1985