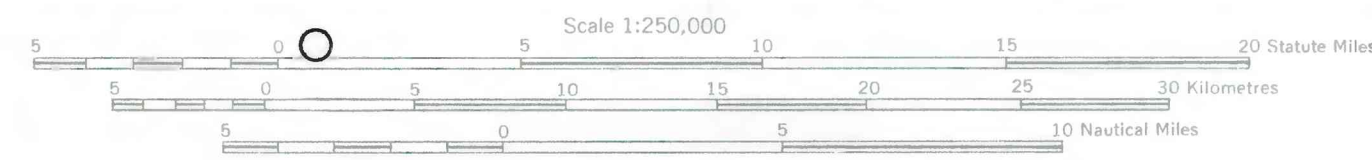


EXPLANATION
 ▽ Garnet
 ○ Corundum
 ■ Sillimanite

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



CONTOUR INTERVAL 100 FEET WITH
SUPPLEMENTARY CONTOURS AT 50 FOOT INTERVALS
TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 5000-METER UNIVERSAL TRANSVERSE MERCATOR GRID; TUBE 17
 NOT MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 0° IN BLACK NUMBERED TUBE 17
 CENTER OF THE WEST EDGE TO 4° 10' WEST WESTERLY FROM THE CENTER OF THE EAST FOOT

GARNET, CORUNDUM, AND SILLIMANITE

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

By
 W.R. Griffitts, K.A. Duttweiler, and J.W. Whitlow
 1985