UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

81°45'
81°30'
81°15'
35°30'
35°15'
35°00'

Shelby Quadrangle
Lincolnton Quadrangle
Gaffney Quadrangle
Kings Mountain Quadrangle

Muddy Fork anticline
Howard's Creek syncline
Belwood syncline
Brushy anticline
Buffalo Creek syncline
Buffalo Creek anticline
Cherokee Falls syncline
Clark Fork anticline

EXPLANATION

Arranged in approximate order of age

- Pegmatite related to the Cherryville quartz monzonite
- Cherryville quartz monzonite
- Yorkville granodiorite
- Toluca quartz monzonite
- Conglomerate and kyanite quartzite
- White quartzite
- Blotite gneiss
- Undivided metamorphic rocks
- Axis of syncline
- Axis of anticline

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This map or illustration is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.

0 5 10 15 Miles

FIGURE 11.—MAP SHOWING INTRUSIVE ROCKS, KEY BEDS, AND MAJOR STRUCTURES OF THE SHELBY DISTRICT, NORTH CAROLINA