Base map by Topographic Division, U S Geological Survey, 1959

Geology by M. G. Croft, 1959-60

EXPLANATION

SEDIMENTARY ROCKS

ORDOVICIAN MISSISSIPPIAN CARBONIFEROUS

- **Mr** — Rockmart slate of Hayes (1891)
- **On** — Newala limestone
- **O€k** — Knox dolomite

CAMBRIAN

- **€cu, €cm, €cl** — Conasauga formation
  - €cu; interbedded shale and limestone
  - €cm; shale
  - €cl; mainly dolomite with some interbedded limestone and shale
- **€ru, €rm, €rl** — Rome formation
  - €ru; sandstone, shale
  - €rm; limestone, dolomite
  - €rl; sandstone, shale
- **€su, €sm, €sl** — Shady dolomite
  - €su; dolomite
  - €sm; sandstone, shale
  - €sl; dolomite
- **€wu, €wm, €wl** — Weisner formation
  - €wu; quartzite, shale
  - €wm; shale, sericite schist
  - €wl; conglomerate, quartzite, sericite schist

PRECAMBRIAN

Ocoee series — Great Smoky group

- **p€od** — Zone D: metasiltstone, metarenite, sericite schist
- **p€oc** — Zone C: gray slate
- **p€ob** — Zone B: metasiltstone, metarenite, sericite schist, metagraywacke
- **p€oa** — Zone A: metagraywacke, sericite schist, quartzite, metaconglomerate

METAMORPHIC ROCKS

PALEOZIC (?)

Post-Ocoee series

- **Gc** — Porphyritic granite gneiss
- **Ga** — Granite gneiss
- **am** — Amphibolite
- **ms** — Mica shist

Contact
Dashed where inferred or indefinite, dotted where concealed

Fault
Dashed where inferred or indefinite, dotted where concealed

Doubtful fault

Axis of anticline

Axis of overturned anticline

Axis of syncline

Axis of overturned syncline

55 — Strike and dip of beds

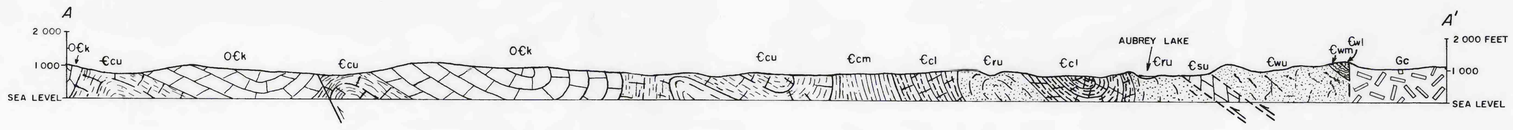
Approximate strike and dip of beds

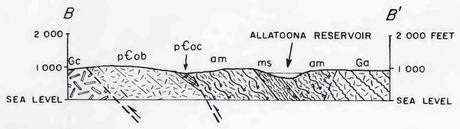
15 — Strike and dip of overturned beds

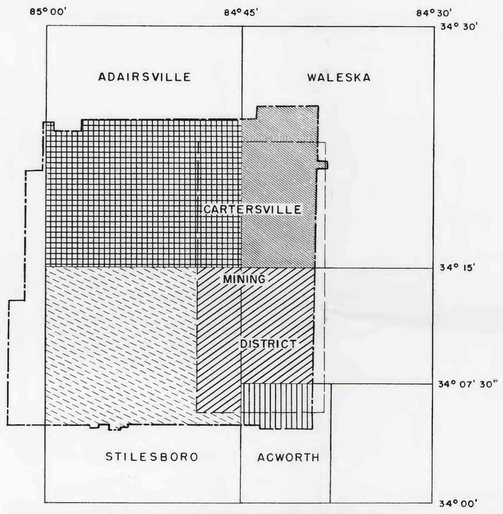
9 — Strike and dip of foliation

7 — Well

SP-5 — Spring







QUADRANGLE COVERAGE OF BARTOW COUNTY AND AREA BY WHICH WELLS ARE LISTED

MAP SHOWING GEOLOGY, GEOLOGIC SECTIONS, AND WELL AND SPRING LOCATIONS, BARTOW COUNTY, GEORGIA

SCALE 1:62 500

1 ½ 0 1 2 3 MILES

CONTOUR INTERVAL 50 FEET
DATUM IS MEAN SEA LEVEL

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—62180