

U.S. GEOLOGICAL SURVEY
CHARLES D. WALCOTT, DIRECTOR

STRUCTURE SECTIONS

NORTH CAROLINA-TENNESSEE
NANTAHALA QUADRANGLE

LEGEND

SEDIMENTARY ROCKS

SHEET SYMBOL SECTION SYMBOL

Ent Ent

Notley quartzite (white quartzite)

Ead Ead

Andrews schist (colorous ortho-schist with iron ore beds)

Emp Emp

Murphy marble (white and blue marble)

Evt Evt

Valleytown formation (graywacke, garnet and ortho-schist and slate)

Ebt Ebt

Brasstown schist (blue and black, banded ortho-schist and slate)

Eta Eta

Tusquitee quartzite (white quartzite)

Ent Ent

Nantahala slate (black slate, with garnet, ortho-schist and slate at base)

Egs Egs

Great Smoky conglomerate (conglomerate, coarse gray sandstone and graywacke, with many beds of black slate and schist)

Ehi Ehi

Hiwassee slate (black-gray and black, argillaceous slate)

IGNEOUS ROCKS

Arg Arg

Granite (granite and gneissoid granite)

As As

Soapstone, dunite, and serpentine

Ar Ar

Roan gneiss (hornblende-gneiss, hornblende-schist, and diorite)

METAMORPHIC ROCKS OF UNKNOWN ORIGIN

Alc Alc

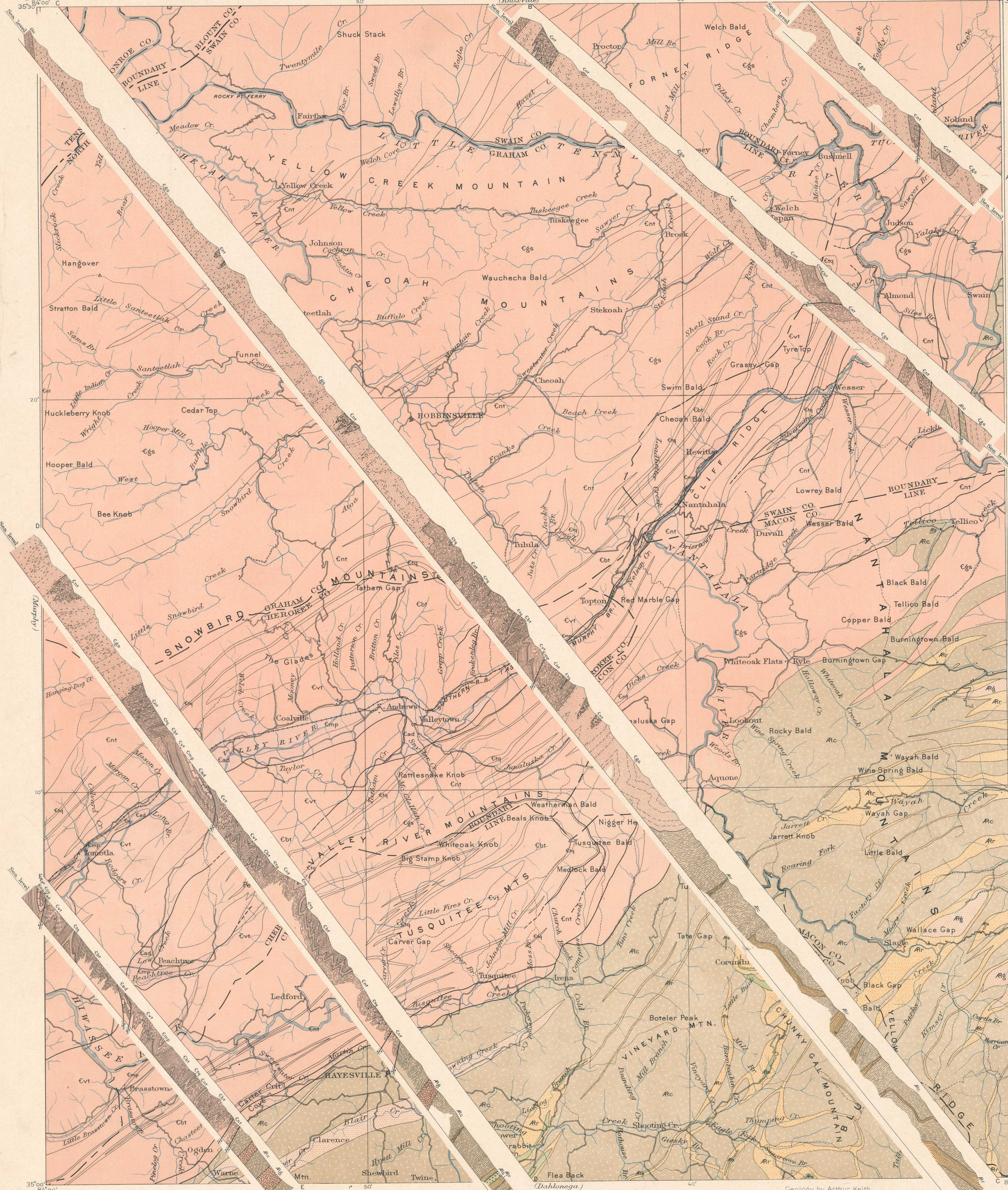
Carolina gneiss (micro-gneiss and micro-schist)

Faults

CAMBRIAN

ARCHEAN

ARCHEAN



Henry Gannett, Chief Topographer.
Gilbert Thompson, Chief Geographer.
Triangulation by S.S. Gannett.
Topography by Chas. E. Cooke.
Surveyed in 1892.
Revised in 1904 by Arthur Keith.

Geology by Arthur Keith,
assisted by H.B. Goodrich and H.S. Gale.
Surveyed in 1892, 1893, 1899, 1903, and 1904.

