

STRUCTURE SECTIONS

LEGEND

SEDIMENTARY ROCKS

Of Of
Tellico sandstone
(fine and gray calcareous sandstone)

Oa Oa
Athens shale
(blue and black calcareous shale)

COk COk
UNCONFORMITY

En En
Knox dolomite
(light and dark magnesian limestone with chert nodules)

Chk Chk
Nolichucky shale
(variegated calcareous shales and thin limestones)

Cw Cw
Hemlock limestone
(massive blue and gray limestone with chert)

Csh Csh
Watauga shale
(purple reddish and yellow shale and sandy shale with thin limestones)

Ch Ch Ce Ce
Shady limestone
(grayish limestone with chert)

Emr Emr
Hesse quartzite
(massive white quartzite)

Enb Enb
Murray shale
(gray shales and shales)

Chc Chc
Nebo quartzite
(massive white quartzite)

Enc Enc
Nichols slate
(grayish slate and shale with sandy layers)

Chi Chi
Cochran conglomerate
(white sandstone, quartzite, and conglomerate)

Cu Cu
Iliwassee slate
(chiefly dark, band- ed slate with layers of sandstone and conglomerate)

Csb Csb
Snowbird formation
(chiefly light-colored quartzite and sandstone, includes beds of slate, conglomerate, arkose, and amygdaloid Ca)

Eu Eu
Unicoi formation
(white sandstone and quartzite, with shale, arkose, conglomerate, and a bed of amygdaloid Ca)

Ab Ab
Igneous Rocks

Arb Arb
Beech granite
(course or porphyritic, granite, light or reddish in color)

Arb Arb
Cranberry granite
(mainly granite and granodiorite)

Ar Ar
Soapstone, dimite, and serpentine

Ar Ar
Roan gneiss
(chiefly hornblende gneiss and schist, with some diorite)

Ar Ar
Metamorphic Rocks of Unknown Origin

Ar Ar
Carolina gneiss
(chiefly mica-gneiss and mica-schist, includes other gneisses, granites, and diorite)

Ar Ar
Faults

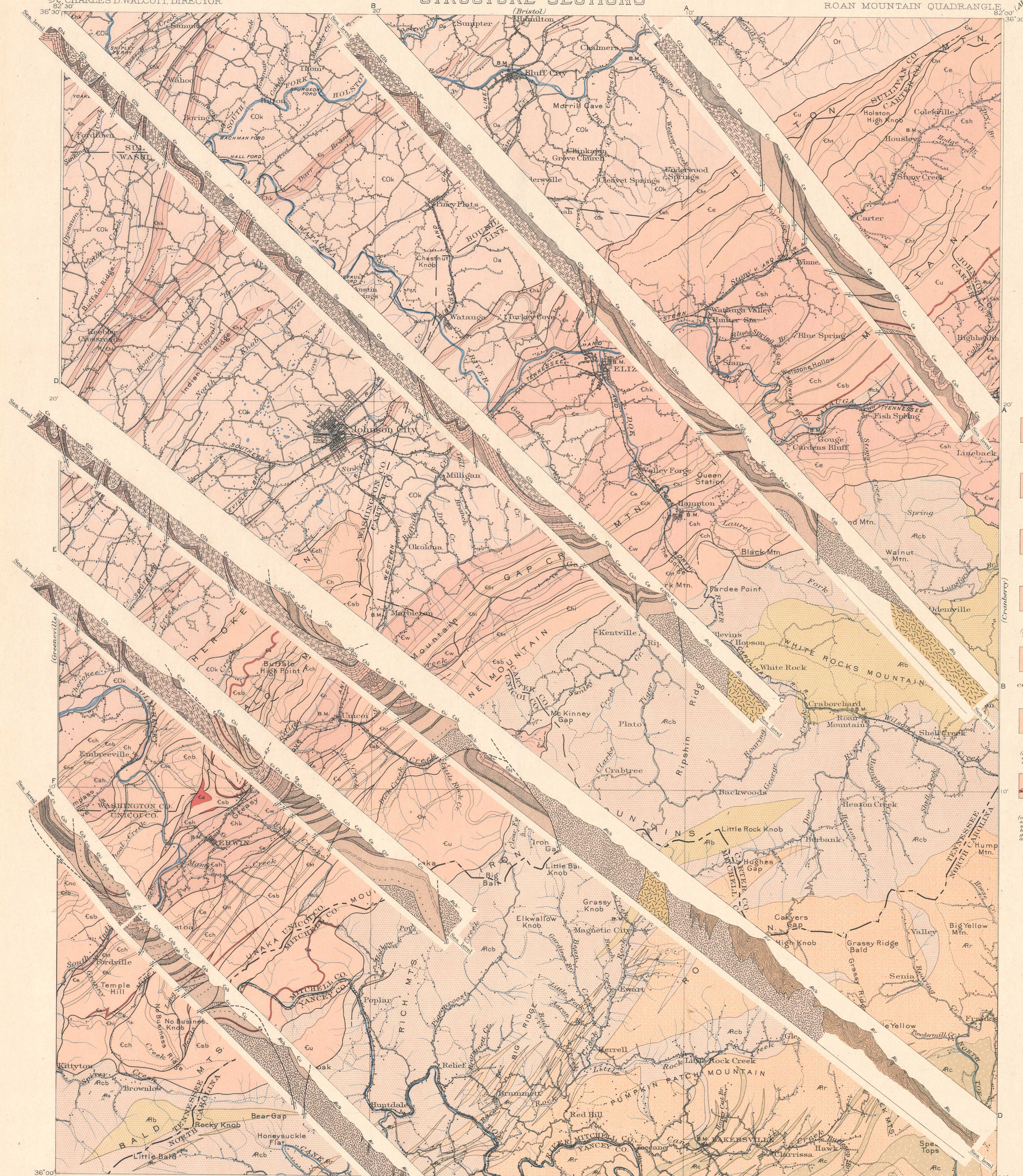
Ar Ar
Faults

Ar Ar
Faults

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Faults

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Faults

Ar Ar
Faults



H. M. Wilson, Geographer in charge.
Triangulation by W. C. Kern and S. S. Gannett.
Topography by Hersey Munroe, W. L. Miller, W. N. Brown,
Geo. H. Guerdum, and E. G. Hamilton.
Surveyed in 1901-1902.

Scale 1:25,000
1 2 3 4 5 Miles
1 2 3 4 5 Kilometers

Geology by Arthur Keith,
assisted by H. B. Goodrich and H. S. Gale.
Surveyed in 1893, 1900, 1904, and 1906.