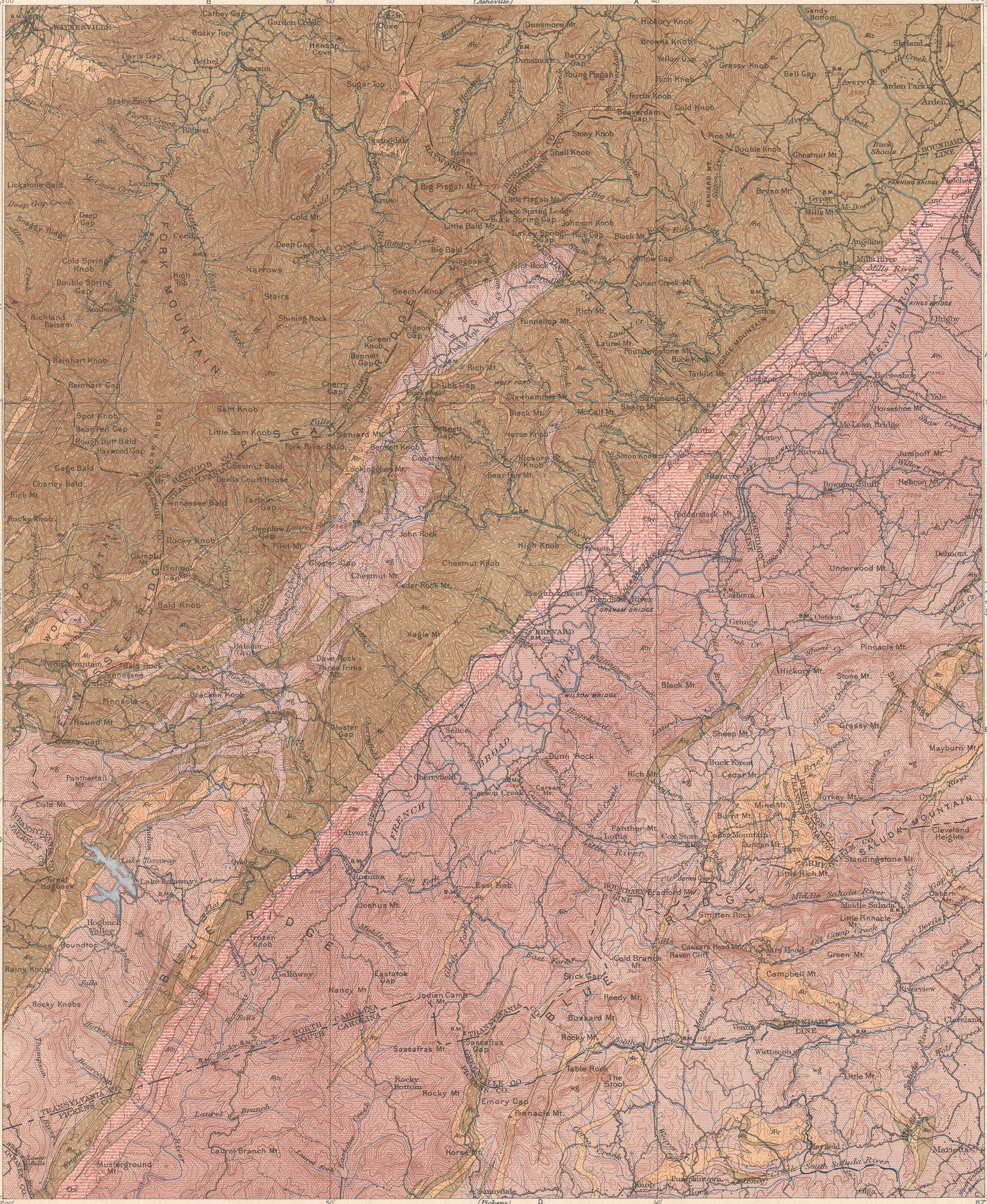
U.S. GEOLOGICAL SURVEY
CHARLES D. WALCOTT, DIRECTOR

AREAL GEOLOGY

NORTH CAROLINA–SOUTH CAROLINA
PISGAH QUADRANGLE



LEGEND

SEDIMENTARY ROCKS
(Areas of subaqueous deposits are shown by patterns of parallel lines; metamorphism is indicated by hachures combined with the line patterns)

Ꞓbv — Brevard schist *(fine-grained, black and dark schist, with lentils of limestone)* — CAMBRIAN

IGNEOUS ROCKS
(Areas of igneous rocks are shown by patterns of triangles and rhombs; metamorphism is indicated by hachures)

Diabase *(fine-grained massive diabase)* — TRIASSIC

wg — Whiteside granite *(biotite-muscovite granite, slightly schistose)* — AGE UNDETERMINED

Ah — Henderson granite *(porphyritic granite and gneissoid granite)* — ARCHEAN

As — Soapstone, dunite, and serpentine *(altered from peridotite and pyroxenite)* — ARCHEAN

Ar — Roan gneiss *(chiefly hornblende gneiss and schist)* — ARCHEAN

METAMORPHIC ROCKS OF UNKNOWN ORIGIN
(Areas of metamorphic rocks of unknown origin are shown by hachures)

Ac — Carolina gneiss *(chiefly mica gneiss and mica schist, includes other gneisses, schists, granite, and diorite)* — ARCHEAN

Sections

H. M. Wilson, Geographer in charge.
Triangulation by W. C. Kerr and S. S. Gannett.
Topography by R. D. Cummin, J. H. Wheat, W. L. Miller, and E. McL. Long.
Surveyed in 1886-88 and 1895-96.
Revised by Arthur Keith and H. S. Gale in 1904-1905.

TRUE NORTH / MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION 1906.

Scale $\frac{1}{125000}$

Miles / Kilometers

Contour interval 100 feet.
Datum is mean sea level.
Edition of Jan. 1907

Geology by Arthur Keith, assisted by Hoyt S. Gale.
Surveyed in 1900-1905.