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

STRUCTURE SECTIONS

NORTH CAROLINA—SOUTH CAROLINA
PISGAH QUADRANGLE

(Mt. Guyot) (Asheville) (Mt. Mitchell)

LEGEND

SEDIMENTARY ROCKS

SHEET SYMBOL	SECTION SYMBOL		
€bv	€bv	Brevard schist (fine-grained, black and dark schist, with lentils of limestone)	CAMBRIAN

IGNEOUS ROCKS

		Diabase (fine-grained, massive diabase)	TRIASSIC
wg	wg	Whiteside granite (biotite-muscovite granite, slightly schistose)	AGE UNDETERMINED
Arh	Arh	Henderson granite (porphyritic granite and gneissoid granite)	ARCHEAN
Ars	Ars	Soapstone, dunite, and serpentine (altered from peridotite and pyroxenite)	ARCHEAN
Arr	Arr	Roan gneiss (chiefly hornblende gneiss and schist)	ARCHEAN

METAMORPHIC ROCKS OF UNKNOWN ORIGIN

Arc	Arc	Carolina gneiss (chiefly mica gneiss and mica schist; includes other gneisses, schists, granite, and diorite)	ARCHEAN

(Walhalla)

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.

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

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION 1906.

Scale 1/125000
1 ½ 0 1 2 3 4 5 Miles
1 ½ 0 1 2 3 4 5 Kilometers

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