CARBONIFEROUS

Newman limestone. Co 300-400 Blue and gray shaly limestones. Broad, rounded knobs and hills.

Granger shales. Tg 120-200 Bluish-gray sandy shales and thin sandstones. Straight, open dips with rounded knobs and hills. Thin, yellow clay soil.


Newman limestone. sc 80-100 Massive white sandstones. Sharp, high ridges and mountains. Steep, sandy soil.

GIRGENSIA

Rutledge limestone. sc 300-

DOVIAN

Rockwood formation. sc 300-

SILLURIAN


House quartzites. Co 700-800 Massive white quartzites and sandstones. Thin, sandy soil.

Murphy shales. Co 390-400 Bodies of gray, fine-grained, and well-laminated. Thin, sandy soil.


Snowbird formation. Co 1300-1500 Gray and white, banded quartzites and sandstones. Thin, clayey or sandy soil.


OROGENIC

Labette formation. sc 200-

SEVIER

Murray slate. sc 300-

NEBO


Newman limestone. sc 80-100 Massive white sandstones. Black and bluish-black calcareous sandstones and shales. Deep, red and yellow clay soil.

Sandstone lentil. sc 400-450 Massive white sandstones. Black and bluish-black calcareous sandstones and shales. Deep, red and yellow clay soil.

Newman limestone. sc 80-100 Massive white sandstones. Black and bluish-black calcareous sandstones and shales. Deep, red and yellow clay soil.

Dakota formation. sc 400-

Banff formation. sc 1000-1500 Gray, black and banded shales. Thin, clayey or sandy soil.

Bones formation. sc 300-350 Massive, well-laminated. Slanting between quartzites and sandstone. Thin, clayey or sandy soil.

Bones formation. sc 300-350 Massive, well-laminated. Slanting between quartzites and sandstone. Thin, clayey or sandy soil.

SILURIAN

Nebo sandstone. sc 300-

Rutledge limestone. sc 300-

ARCHAIC

Chickamauga conglomerates. Co 1300-1500 Gray and white, banded quartzites and sandstones. Thin, clayey or sandy soil.

Bones formation. sc 1000-1500 Gray and white, banded quartzites and sandstones. Thin, clayey or sandy soil.

Rutledge limestone. sc 300-

Bones formation. sc 1000-1500 Gray and white, banded quartzites and sandstones. Thin, clayey or sandy soil.

Bones formation. sc 1000-1500 Gray and white, banded quartzites and sandstones. Thin, clayey or sandy soil.

CHARACTER OF SOILS AND SURFACE.

Thin, sandy soil. Thin, sandy soil.

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Thin, sandy soil. Thin, sandy soil.

LINEAGE OF THE SEDIMENTARY ROCKS, ARRANGED IN ORDER OF AGE, IN THE GREENEVILLE QUADRANGLE.

NAMES OF FORMATIONS.

NEWTON, BURKHEAD, MURPHY, AND SOMERSET FORMATIONS.

Carbone, N. C. BURKHEAD, MURPHY, AND SOMERSET FORMATIONS. N. C. BURKHEAD, MURPHY, AND SOMERSET FORMATIONS.