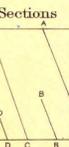


LEGEND
(continued)

- Sr**
Rockwood formation
(sandy shale and ferruginous sandstone)
- Scl**
Cinch sandstone
(coarse white sandstone)
- Sb**
Bays sandstone
(red sandstone and sandy shale)
- Ssv**
Sevier shale
(sandy shale and calcareous shale)
- Smc**
Moccasin limestone
(red earthy limestone)
- Sc**
Chickamauga limestone
(blue flaggy limestone)
- CSk**
Knox dolomite
(grey magnesian limestone; contains bryozoa locally in its upper portion)
- Cn**
Nolichucky shale
(blue calcareous shale)
- Chk**
Honahear limestone
(dark siliceous limestone)
- Cr**
Russell formation
(variegated shale and impure limestone)

Faults



- Cf**
Tellowa formation
(sandstone shale and coal)
- Csq**
Sequoayah formation
(sandstone shale and coal)
- Cdt**
Dotson sandstone
(coarse sandstone with shale at the base)
- Cbr**
Bearwallow conglomerate
(coarse conglomerate or sandstone)
- Cd**
Dismal formation
(sandstone shale and coal)
- Cdc**
Dismal conglomerate-lentil
(coarse conglomerate, occurring in the western portion of the area)
- Crl**
Raleigh sandstone
(coarse sandstone, sometimes conglomerate)
- Cwl**
Welch formation
(sandstone shale and coal)
- Cph**
Pocahontas formation
(sandstone shale and coal; Pocahontas coal at the top of the formation)
- Cx**
Formations included in No. XII
(crushed and indistinguishable along the fault)
- Cbl**
Bluestone formation
(red and green shale and sandstone and impure limestone)
- Cpr**
Princeton conglomerate
(fine conglomerate)
- Chn**
Hinton formation
(red and green shale and sandstone and impure limestone)
- Cy**
Formations included in No. XI above the Bluefield shale
(crushed and indistinguishable along the fault)
- Cbf**
Bluefield shale
(sandy shale at top grad. passing into calcareous shale and impure limestone at the base)
- Cgr**
Greenbrier limestone
(blue limestone)
- Cpc**
Price sandstone
(sandstone and shale)
- Dk**
Kimberling shale
(green sandy shale)
- Dr**
Romey shale
(black carbonaceous shale)
- SDg**
Giles formation
(calcareous sandstone and cherty limestone)

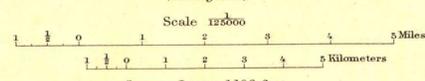
CARBONIFEROUS

DEVONIAN

TRANSITIONAL

Legend is continued on the left margin.

Henry Gannett, Chief Topographer.
Gilbert Thompson, Chief Geographer in charge.
Triangulation by J.H. Gore.
Topography by Hersey Munroe.
Surveyed in 1893.



Contour Interval 100 feet.
Datum is mean Sea level.
Edition of Nov. 1897.

Geology by Marius R. Campbell.
Assisted by W.C. Mendenhall.
Surveyed in 1894.