

LEGEND
(continued)

- LEGEND (continued)**
- Ch
Hesse sandstone
(fine, massive, white sandstone)
 - Cmr
Murray shale
(blue-gray, sandy shale)
 - Cnb
Nebo sandstone
(fine and coarse, massive, white sandstone)
 - Cnc
Nichols shale
(blue-gray, sandy shale)
 - Cch
Cochran conglomerate
(massive, white sandstone and coarse conglomerate)
 - Cs
Sandsuck shale
(blue-gray, argillaceous shale)
 - Ps
Pigeon slate
(gray, argillaceous slate with sandy layers)
 - C
Citic conglomerate
(fine, white sandstone and coarse conglomerate)
 - W
Willits slate
(limestone, conglomerate and black slate)

- Known productive formations**
- Coal
 - Red hematite iron ore
 - Variegated marble
 - Slate

SPECIAL SYMBOLS

- Faults**
- Sections**
- Mines and Quarries**

LEGEND

SEDIMENTARY ROCKS

(Areas of Sedimentary rocks are shown by patterns of parallel lines.)

Briceville shale
(dark gray, argillaceous shale with sandstone beds and coal seams)

Cle
Lee conglomerate
(massive white sandstone and conglomerate)

Cpn
Pennington shale
(sandy and calcareous shales interbedded)

Cn
Newman limestone
(massive blue limestone, cherty at the base)

Dg
Granger shale
(blue-gray, sandy shale and sandstone)

Dc
Chattanooga shale
(black, calcareous and carbonaceous shale)

Sr
Rockwood formation
(reddish, calcareous shale with white sandstone and iron beds near the top)

Scl
Cinch sandstone
(massive, white sandstone)

Sb
Bays sandstone
(red sandstone and sandy limestone)

Ssvs
Sevier sandstone
(lenticles of gray, calcareous sandstone in Sevier shale)

Ssv
Sevier shale
(blue, calcareous shale)

St
Tellico sandstone
(blue-gray sandstone and gray, shaly limestone)

Sa
Athens shale
(blue, calcareous shale with black, carbonaceous shale at the base)

Sh
Holston marble
(lenticles of variegated marble in Chattanooga shale)

Sc
Chickamauga limestone
(massive blue limestone and gray, shaly limestone)

Sk
Knox dolomite
(light and dark magnesian limestone with cherty nodules)

Cn
Nolichucky shale
(brown, calcareous shale with thin limestone beds)

Cm
Maryville limestone
(massive, dark blue limestone)

Crg
Rogersville shale
(green clay shale with a bed of limestone)

Crt
Rutledge limestone
(massive, dark blue limestone)

Cc
Comasauga shale
(reddish, calcareous shale with thin beds of limestone)

Cr
Rome formation
(reddish and green, sandy shale)

Crs
Rome sandstone
(lenticles of reddish sandstone in Rome formation)

Ca
Apison shale
(red, green and brown, sandy shale)

Subdivisions of the Comasauga shale

Cn

Cm

Crg

Crt

Cc

Cr

Crs

Ca

Apison shale

Apison shale

Apison shale

Apison shale

Apison shale

Apison shale