

LEGEND

SEDIMENTARY ROCKS

- | SHEET SYMBOL | SECTION SYMBOL | Description   |
|--------------|----------------|---|
| Can          | Can            | Anderson sandstone<br>(sandstone with argillaceous and sandy shale and thin coal beds)  |
| Csc          | Csc            | Scott shale<br>(argillaceous and sandy shales with some sandstone and thin coal seams)  |
| Cwb          | Cwb            | Wartburg sandstone<br>(interbedded sandstone, sandy shale, argillaceous shale and coal beds)  |
| Cbv          | Cbv            | Bricville shale<br>(dark gray argillaceous shale, thin sandstone, and thick coal beds)  |
| Cle          | Cle            | Lee formation<br>(massive sandstone and conglomerate with shale beds and thin coal seams)   |
| Cles         | Cles           | Shale in Lee formation<br>(argillaceous and sandy shale with thin sandstone layers and coal beds)   |
| Cpn          | Cpn            | Pennington shale<br>(purple and green argillaceous and calcareous shales with interbedded blue limestone)   |
| Cn           | Cn             | Newman limestone<br>(massive blue and dove limestone, cherty in its lower layers; includes in the sections the Newman sandstone lentil and the Waverly formation at the base) |
| Cns          | Cns            | Newman sandstone-lentil<br>(coarse yellow sandstone layer in Newman limestone, not separated in the sections)   |

CARBONIFEROUS

DEVONIAN

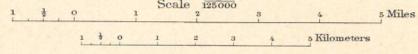
SILURIAN

- |    |    |  |
|----|----|--|
| Dc | Dc | Chattanooga shale<br>(black carbonaceous shale)            |
| Sr | Sr | Rockwood formation<br>(reddish carbonaceous shale)         |
| Sc | Sc | Chickamauga limestone<br>(massive blue and gray limestone) |

Faults

- |     |  |
|-----|--|
| Csc | Known productive formations                              |
| Cwb | Scott shale<br>(contains thin coal seams)                |
| Cbv | Bricville shale<br>(contains thick coal beds)            |
| Cle | Lee formation<br>(contains thin coal beds locally thick) |

Henry Gannett, Chief Topographer.  
Gilbert Thompson, Chief Geographer-in-charge.  
Triangulation by U.S. Coast and Geodetic Survey.  
Topography by A.E. Murlin.  
Surveyed in 1893.



Edition of Nov. 1897.

Geology by Arthur Keith.  
Assisted by H.B. Goodrich.  
Surveyed in 1894.