



LEGEND

SEDIMENTARY ROCKS
(Areas of subaqueous deposits are shown by patterns of parallel lines; subaerial deposits by patterns of dots and circles)

- Qal
Alluvium
(in flood plains of present streams)
- Qcm
Carmichaels formation
(clay and sand, overlies on terraces and old valley floors)

QUATERNARY

- Cg
Greene formation
(shale and sandstone with thin sandstone and beds of coal)
- Cw
Washington formation
(mainly shale and coarse sandstone, with thin limestone and beds of coal)
- Cm
Monongahela formation
(shale, limestone and occasionally coarse sandstone, with thin limestone and beds of coal at the bottom; Westphalian coal at the top, and coal beds of local importance between.)

CARBONIFEROUS

- Coal mines
- Local coal banks
- Oil wells
- Gas wells
- Dry holes or product unknown

Sections of lettered wells are shown on well section sheet. Numbered wells are referred to in the text.

Known productive areas

- Coal outcrops
(Waynesburg, Wb; Sewickley, Sw; and Straburg, St, outcrop the entire area of the quadrangle, except the flood plains at the mouth of Finkle Creek; St is indicated by Finkle Creek.)
- Structure contours
(showing the elevation above sea and the top of the Straburg coal; broken lines indicate uncertain location of contours.)

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Triangulation by Sledge Tatum.
Topography by Frank Sutton, T. G. Basinger, and J. D. Forster.
Surveyed in 1901.

SURVEYED IN COOPERATION WITH THE STATE OF PENNSYLVANIA.



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