



LEGEND

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

Qal

Alluvium
(in flood plains of
present streams)

Qcm

Carmichaels
formation
(clay sand and bowlders
in terraces)

Cm

Monongahela
formation
(shale, limestone, and
occasionally coarse
sandstone, Pittsburg
coal at the bottom)

Ccm

Conemaugh
formation
(sandstone, shale, and
limestone with a few
small coal beds)

Ca

Allegheny
formation and Vamp
limestone lentil
(shale sandstone thin
limestone fire clay
several beds of coal
Upper Freeport coal at
the top)

Ca

QUATERNARY

Pennsylvanian

CARBONIFEROUS

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Triangulation by A. H. Thompson
Topography by Frank Burton, E. B. Clark, and J. H. Wheat
SURVEYED IN 1902 IN COOPERATION WITH THE STATE OF PENNSYLVANIA.

Scale 62500
Miles
Kilometers

Contour interval 20 feet
Indices in roman, sea level
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