



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 sand and boulders
on terraces and old
valley floors)

Cg

Greene
formation
(shale and sandstone,
with thin limestone
and beds of coal)

Cw

Washington
formation
(sandy shale and coarse
sandstone, with thin
limestone and beds of
coal)

Cm

Monongahela
formation
(shale, limestone, and
occasionally coarse
sandstone, with thin
beds of coal at the
base; Waynesburg coal at the
top and coal beds of local
importance between)

Permian?

Pennsylvanian

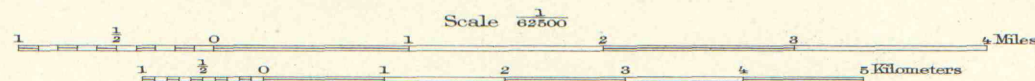
QUATERNARY

CARBONIFEROUS

H. M. Wilson, Geographer in charge.
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.

APPROXIMATE MEAN
DECLINATION 1901.



Scale 1:62,500

Contour interval 20 feet.

Datum is mean sea level.

Edition of Feb. 1905

Geology by Ralph W. Stone,
assisted by M. I. Goldman,
under the direction of Marius R. Campbell.
Surveyed in 1902.

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