

ECONOMIC GEOLOGY

STATE OF MARYLAND
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STATE GEOLOGIST

MARYLAND-WEST VIRGINIA-PENNSYLVANIA
ACCIDENT QUADRANGLE

U.S. GEOLOGICAL SURVEY
GEORGE OTIS SMITH, DIRECTOR



LEGEND

SEDIMENTARY ROCKS
(Areas of subaqueous deposits are shown by patterns of parallel lines)

Ccm
Conemaugh formation
(shale, sandstone, and siltstone, with tabular and several thin coal beds)

uf
Ca
Allegheny formation
(shale and sandstone, Upper Postport coal at top, Lower Kittanning coal below)

Cpv
Pottsville formation
(sandstone, conglomerate, and shale, with Mount Savage fire clay and a few thin coal beds)

Cmc
Mauch Chunk formation
(red and green shale and sandstone)

Cgr
Greenbrier limestone
(limestone with much interbedded shale)

Cpo
Pocono sandstone
(sandstone and conglomerate with some shale)

Dck
Catskill formation
(red and green shale and sandstone)

Dj
Jennings formation
(shale and sandstone)

Pennsylvanian

Mississippian

CARBONIFEROUS

DEVONIAN

Economic and structure data

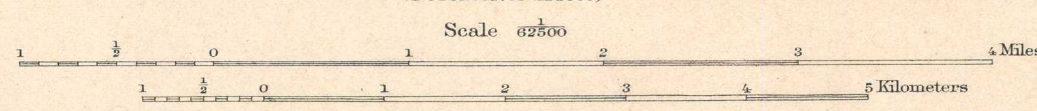
Structure contours
(showing elevation above sea and configuration of the top of the Pottsville formation, contour interval 100 feet)

Coal outcrops
(contour of probably workable thickness)

lp, Little Pittsburg coal
st, Eckerstown coal
uf, Upper Postport coal
lk, Lower Kittanning coal

*Ls, Limestone quarries
x, Coal prospects and country banks

H.M. Wilson, Geographer in charge.
Control by Geo. J. Hawkins and W. Carvel Hall.
Topography by J.H. Jennings.
Surveyed in 1898.



Contour interval 20 feet.
Datum is mean sea level.
Edition of July 1908.

Geology by G.C. Martin.
Surveyed in 1900-1903.

SURVEYED IN COOPERATION WITH THE STATE OF MARYLAND.

APPROXIMATE MEAN DECLINATION 1908