

AREAL GEOLOGY

PENNSYLVANIA
LATROBE QUADRANGLE

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 clay

(clay sand and boulders on terraces and in abandoned channels of the larger streams)

Cd

Dunkard formation

(only the lowest member, Waynesburg sandstone, occurs in this area)

Cm

Monongahela formation

(shale, limestone, and occasionally coarser sandstone, Pittsburgh coal at the bottom, Waynesburg coal at the top, and coal beds of local importance between)

Ccm

Conemaugh formation exclusive of the Saltsburg sandstone

(sandstone shale, small amount of limestone, and a few small coal beds)

Ccs

Saltsburg sandstone

(coarse, thick-bedded or massive sandstone in the Conemaugh formation)

Ca

Allegheny formation

(shale, sandstone, and clay with several workable coal beds, Upper Freeport coal at the top)

Cpv

Pottsville sandstone

(coarse massive sandstone or conglomerate with some shale, usually a coal bed at the middle)

Cmc

Mauch Chunk formation exclusive of the Greenbrier limestone

(red and green shale and thin-bedded green sandstone)

Cgr

Greenbrier limestone

(thin blue fossiliferous limestone)

Cpo

Pocomo sandstone

(coarse sandstone grading into very sandy limestone at the top and usually containing sandy shale)

Cp

Section

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

AA

BB

CC

DD

EE

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HH

II

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LL

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OO

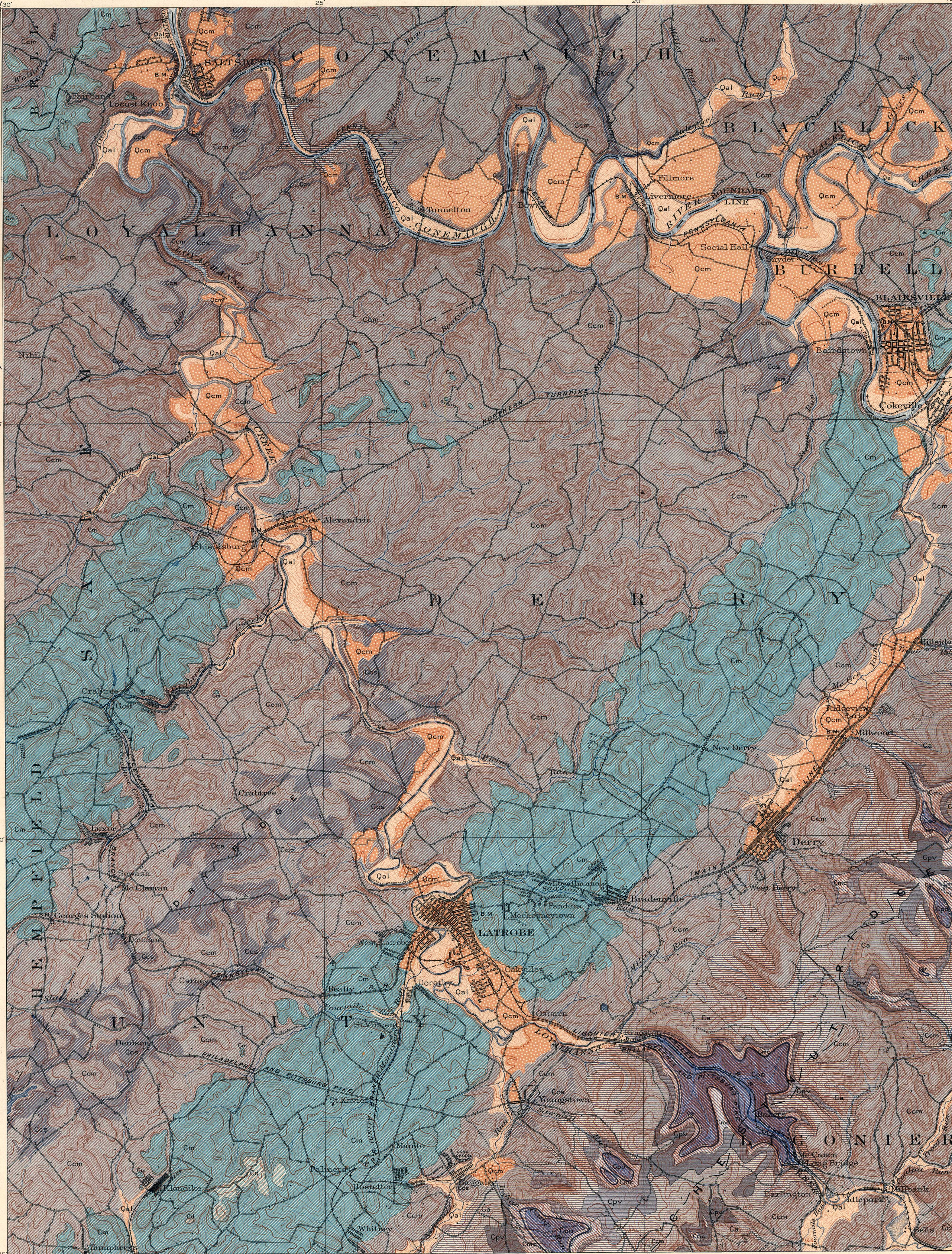
PP

QQ

RR

SS

TT



H.M. Wilson, Geographer in charge.
Triangulation by A.H. Thompson and J.D. Forster.
Topography by Frank Sutton and H.C. Frick Coke Co.
Surveyed in 1900 in cooperation with the State of Pennsylvania.

Scale 62500
Miles
Kilometers

Contour interval 20 feet.
Datum is mean sea level.
Edition of Jan. 1904.

Geology by Marius R. Campbell,
Assisted by George B. Richardson
and Lester H. Woolsey.
Surveyed in 1901-02 in cooperation
with the State of Pennsylvania.