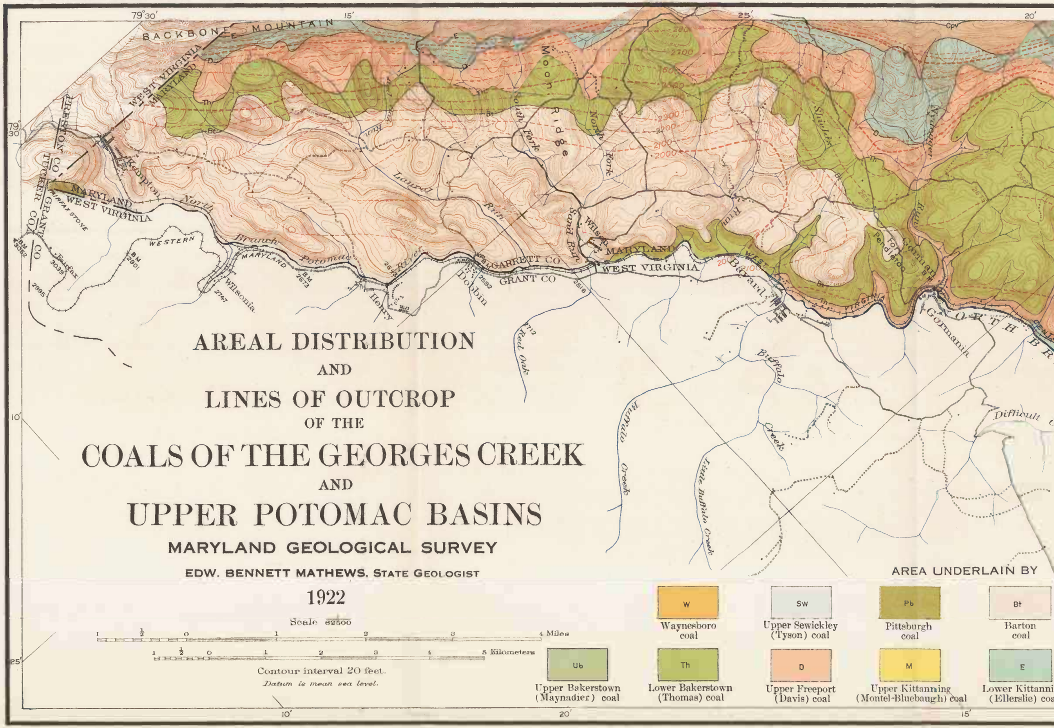

79°30'
15'
25'
20'
79°
30'
10'
25'
10'
20'
15'
BACKBONE MOUNTAIN
WEST VIRGINIA
MARYLAND
PRESTON CO
TUCKER CO
GRANT CO
MARYLAND
WEST VIRGINIA
Kempton
North Branch Potomac River
WESTERN MARYLAND
Fairfax
FAIRFAX STONE
Wilsonia
Henry
Dobbin
GARRETT CO
GRANT CO
Laurel Run
Moon Ridge
South Fork
North Fork
Sand Run
Wilson
MARYLAND
WEST VIRGINIA
Shields
Bayard
Red Oak
Buffalo Creek
Little Buffalo Creek
Buffalo Creek
Gorman Run
Pendergast Run
Nydegger
Gormania
NORTH BRANCH
Difficult
WEST VIRGINIA
Th
Bt
D
E
Cpv
2700
2300
2200
2100
2000
BM 3062
BM 2901
BM 2673
3039
2995
2747
2582
2516
2712

AREAL DISTRIBUTION
AND
LINES OF OUTCROP
OF THE
COALS OF THE GEORGES CREEK
AND
UPPER POTOMAC BASINS

MARYLAND GEOLOGICAL SURVEY

EDW. BENNETT MATHEWS, STATE GEOLOGIST

1922

Scale $\frac{1}{62500}$

1 ½ 0 1 2 3 4 Miles

1 ½ 0 1 2 3 4 5 Kilometers

Contour interval 20 feet.

Datum is mean sea level.

AREA UNDERLAIN BY

W Waynesboro coal

Sw Upper Sewickley (Tyson) coal

Pb Pittsburgh coal

Bt Barton coal

Ub Upper Bakerstown (Maynadier) coal

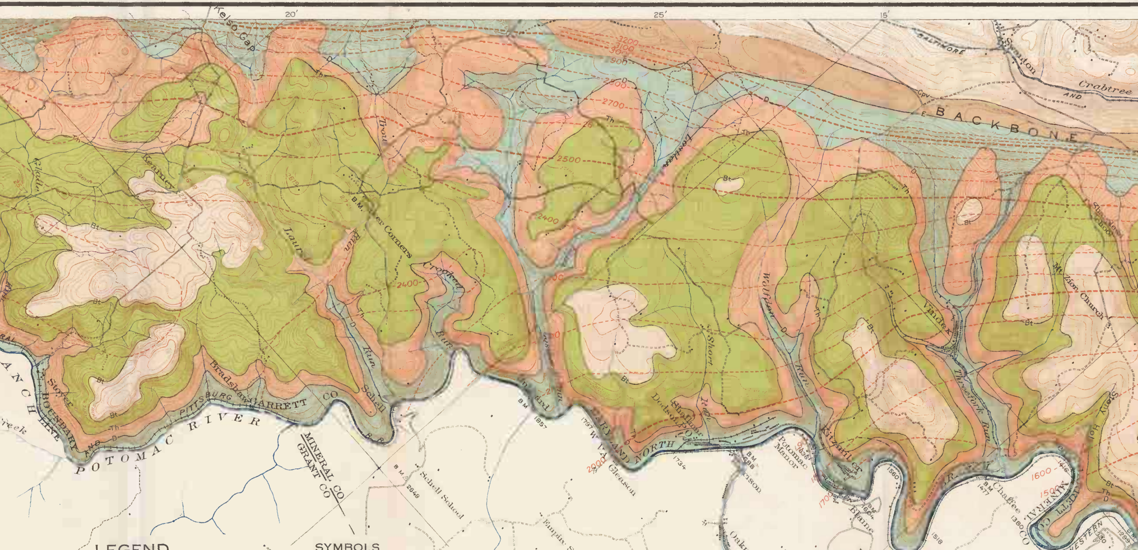
Th Lower Bakerstown (Thomas) coal

D Upper Freeport (Davis) coal

M Upper Kittanning (Montel-Bluebaugh) coal

E Lower Kittanni (Ellerslie) coa

Geology and coals of Georges Creek Basin by C. K. Swartz and G. C. Martin.
Davis, Thomas and Barton coals of Upper Potomac Basin by J. D. Sisler.
Topography by U. S. Geological Survey.


20′
25′
15′
Kelso Gap
BALTIMORE
Swanton
Crabtree
AND
BACKBONE
Gladie
Kearney
Laurel
Run
Corners
Crooked
Run
Trout
Schell
Run
Bradshaw
PITTSBURG
GARRETT CO
POTOMAC RIVER
Stoyer
BOUNDARY LINE
MINERAL CO
GRANT CO
Schell School
Empire School
W. VA. AND NORTH
Gleason
Dodson
Shallmar
Short
Wolfden
Run
Potomac Manor
Fitzwater
Blaine
Vindex
Threefork Run
Mt. Zion Church
Chaffee
MINERAL CO
WESTERN
Oakmont
Elk Garden
3200
3100
3000
2900
2800
2700
2600
2500
2400
2000
1700
1600
1500
Bt
Th
D
Cpv
E
BM
2649
1857
1797
1734
1688
1560
1518
1477
1380

LEGEND

H
Harlem coal

Mts
Cpv
Pottsville including Mt. Savage coal

2100
Structure contours on Upper Freeport coal

2500
Structure contours on floor of Pittsburgh coal

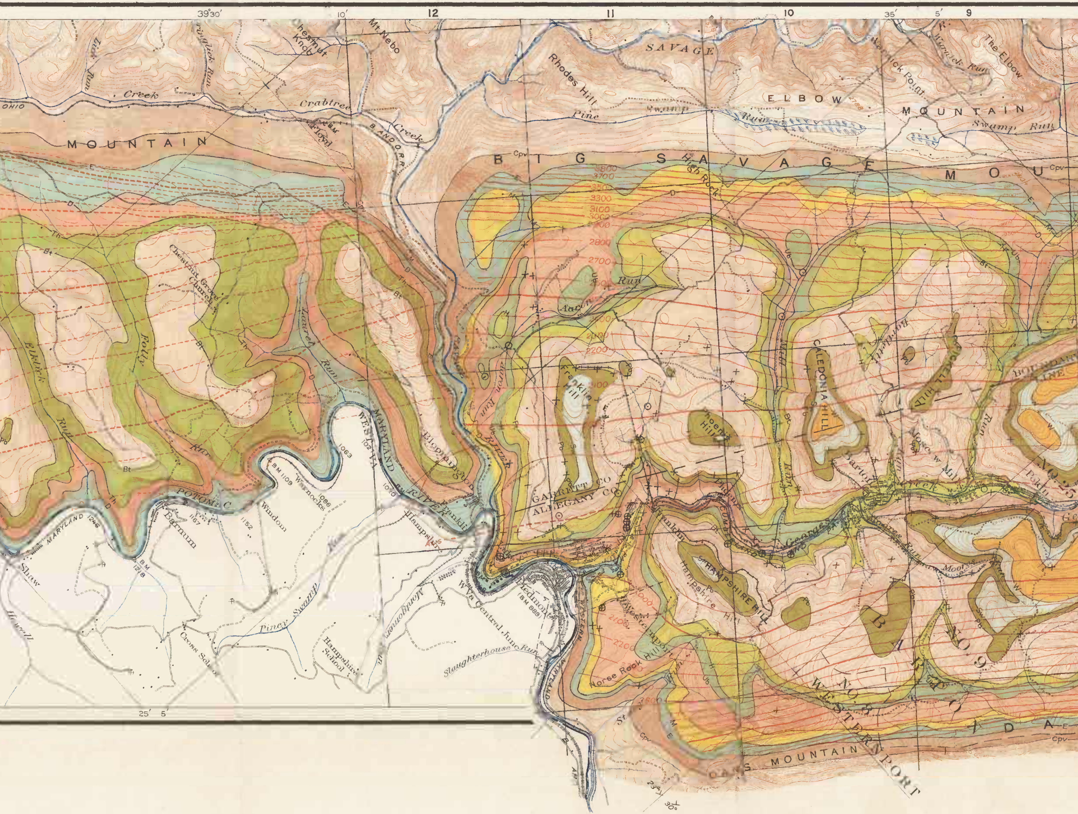
SYMBOLS

Shipping Coal Mines	⊗
Fire coal Mines and Prospects	×
Clay mines	×cl
Limestone quarries	×/s
Diamond Drill Holes	⊙
Churn Drill Holes	◎

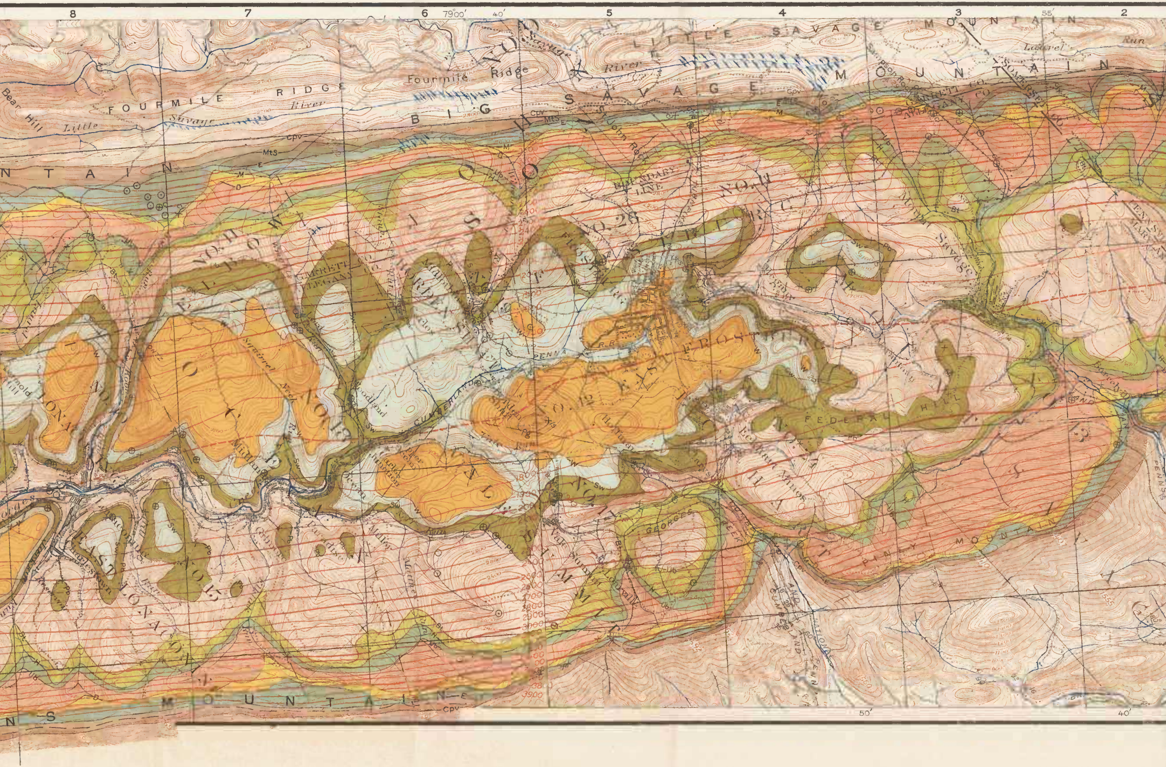
NOTE The coal seams designated by colors are underlain by the lower beds found beneath the coals shown.

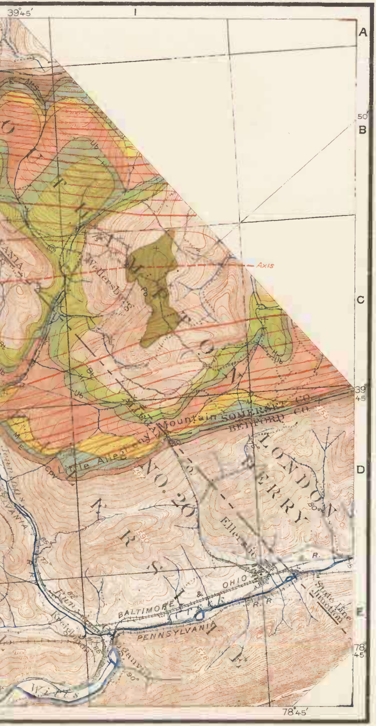
The names of the coal seams differ in some cases from those formerly used in this area. They are those of the accompanying Coal Report, which see for further discussion.

15′ 20′ 10′



39°30'
10'
12
11
10
35'
5'
9
Mt. Nebo
Chesnut Knob
SAVAGE
Rhodes Hill
ELBOW
MOUNTAIN
Kenwick Point
The Elbow
Swamp Run
Crabtree Creek
Pine Swamp Run
OHIO
MOUNTAIN
BIG SAVAGE MOUNTAIN
High Rock
BANDORF
Chestnut Grove Church
Folly Run
Laurel Run
Elklick Run
Aaron Run
Franklin Hill
Phoenix Hill
CALEDONIA HILL
Barnum
POTOMAC RIVER
MARYLAND
WEST VA.
Windom
Warnocks
Hampshire
Bloomington
GARRETT CO
ALLEGANY CO
George's Creek
Westernport
Piedmont
Hampshire Hill
HAMPSHIRE HILL
Horse Rock Hill
W. Va. Central Junc. Run
Staughterhouse Run
Piney Swamp
Montgomery
Hampshire School
Cross School
Shaw
Howell
Moores Run
BARTON
WESTERNPORT
SYNCLINE
MOUNTAIN
DANS MOUNTAIN
25'
5'
30'


8
7
6
79°00'
40'
5
4
3
55'
2
LITTLE SAVAGE MOUNTAIN
Laurel
Run
Savage River
Fourmile Ridge
BIG SAVAGE MOUNTAIN
FOURMILE RIDGE
Little
Savage River
Bear Hill
Cpv
MtS
BOUNDARY LINE
GARRETT CO.
ALLEGANY CO.
SOMERSET CO.
CUMBERLAND
PENNA
R.R.
Woodland
Midland
FEDERAL HILL
GEORGES CREEK
PINEY MOUNTAIN
MOUNTAIN
Cpv
50'
40'


39°45'
1
A
50'
B
C
39°
45
D
E
78°
45
78°45'
Axis
Wellersburg
Little Allegheny Mountain
SOMERSET CO.
BEDFORD CO.
LONDONDERRY
NO. 20
Ellerslie
R.
State Line
Junction
BALTIMORE & OHIO R.R.
PENNSYLVANIA R.R.
Run
Wills