

ECONOMIC GEOLOGY

EXPLANATION

SEDIMENTARY ROCKS

(subaqueous deposits shown by parallel lines)

Ccm

Conemaugh formation

(gray shale, sandstone, and clay, including some red shale and thin beds of limestone and coal)

uk  
Ca lk

Allgheeny formation

(chiefly gray and dark shale with local beds of clay and sandstone and several workable beds of coal; Upper Freeport coal at top; Johnstown limestone member directly underlies the Upper Kittanning coal)

Cpv

Pottsville formation

(heavy-bedded gray sandstone with interbedded shale, clay, and thin beds of coal)

UNCONFORMITY

Cmc

Mauch Chunk shale

(red and green shale with subordinate sandstone and thin lenses of limestone)

Clh

Loyalhanna limestone

(siliceous limestone)

Cpo

Pocono formation

(gray sandstone and sandy shale)

Dck

Catskill formation

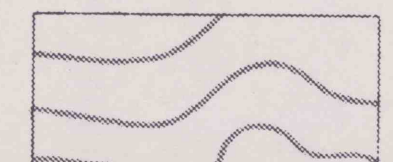
(red sandstone and shale)

Dch

Chemung formation

(greenish-gray sandstone and shale)

ECONOMIC AND STRUCTURE DATA



Coal outcrops

uf Upper Freeport coal  
uk Upper Kittanning coal and underlying Johnstown limestone member  
lk Lower Kittanning coal



Structure contours drawn on horizon of Lower Kittanning coal

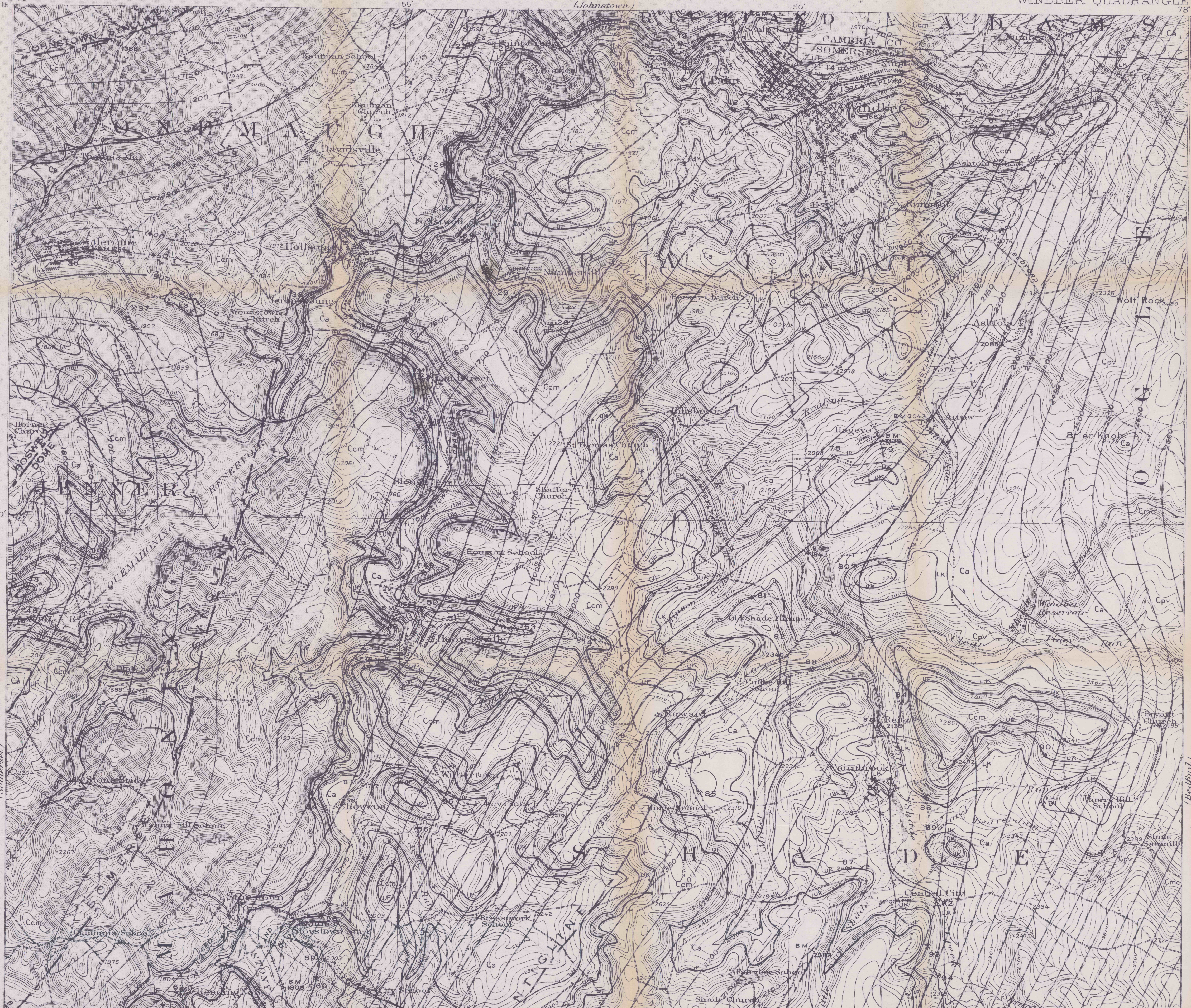
(contour interval, 50 feet; datum, mean sea level)

- Coal mine shaft
- ⊗ Coal mine (unless otherwise specified)
- × Country coal bank
- ⊠ Sandstone quarry
- ⊞ Clay or shale pit
- ↗ Strike and dip of stratified rocks
- ⊕ Dry hole, show of gas

LIST OF COAL MINES

Location indicated on the map by numbers

1. Eureka No. 42
2. Murphy Hill
3. Lochrie No. 1
4. Heckler-Faust
5. Allison
6. Eureka No. 41
7. Eureka No. 36-B
8. Eureka No. 36-C
9. Egolf No. 3
10. Eureka No. 33
11. Eureka No. 34
12. Eureka No. 32
13. Eureka No. 35-B
14. Eureka No. 35-C
15. Eureka No. 31
16. Windber Fuel



Pennsylvanian

Mississippian

Upper Devonian

CARBONIFEROUS

DEVONIAN

New Florence

(Baldford)

(Somerset)