

Pennsylvania

Mississippian

(Ebensburg)

CARBONIFEROUS

DEVONIAN

uk — Ca lk

Allegheny formation

(chiefly gray and dark shale, with local beds of heavy sandstone and several workable coal beds)

Cpv

Pottsville formation

(heavy-bedded sandstone with shale bed containing locally a thin coal bed and flint clay)

Cmc

Mauch Chunk shale

(red and green shale with a thick bed of gray sandstone)

Cpo

Pocono formation

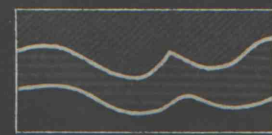
(grayish green sandy shale and sandstone with several beds of red shale)

Dck

Catskill formation

(red shale and reddish and green sandstones)

ECONOMIC AND STRUCTURE DATA



Coal outcrops and area underlain by coal

uf, Upper Freeport
lf, Lower Freeport
uk, Upper Kittanning
lk, Lower Kittanning



Outcrop of workable clay beds

(in places a valuable fire clay)



Structure contours

(showing elevation and lay of Lower Kittanning coal bed. Contour interval is 50 feet; datum is mean sea level)

- ⊗ Coal mines
unless otherwise specified
- ⊗ CLAY Fire clay mines
- × Country coal banks and abandoned mines
- Diamond drill holes

