

GEOLOGY

PENNSYLVANIA RURAL VALLEY QUADRANGLE



LEGEND

SEDIMENTARY ROCKS

(Areas of subaqueous deposits are shown by patterns of parallel lines; subaerial deposits by patterns of dots and circles)

Recent

Qal

Alluvium
(in flood plains of present streams)

Qg

Glacial gravel
(outwash gravel and silt of Kansan or pre-Kansan age)

Pleistocene

Qcm

Carmichaels formation
(gravel and silt of local derivation; Kansan or pre-Kansan age)

Ccm

Conemaugh formation
(sandy shale and coarse sandstone with a few thin beds of limestone and coal; some red clay shale beds give color to the soil)

Pennsylvanian

Ca

Allegheny formation and Vanport limestone lentil
(shale with thin to massive sandstones and limestone lentil; several valuable beds of coal, fire clay, and iron ore; Upper Freeport coal at the top)

Cpv

Pottsville formation

(coarse sandstone or conglomerate, sometimes massive, with shale and thin coal seams)