

EXPLANATION

Qal
Alluvium

Unconsolidated silt, sand and gravel deposited in stream valleys. Not Mapped.
Glacial outwash from ancient glaciation to the north has partly filled some stream valleys with silt, sand and gravel. Not Mapped.
Moderate to high yields can be expected from carefully located wells (see text for details).

IPc
Conemaugh Group

Gray shale with sandstone interbeds. Some discontinuous limestone and coal beds. Sandstones are partially conglomeratic. Only the lower part of the formation is present, capping hills in the southern part of the county.
No value as a source of water because of topographic position and limited areal extent.

IPa
Allegheny Group

Seven coal beds separated by shales, sandstones, limestones and clay. Coarse grained sandstone prominent in some areas.
Groundwater yields are variable. Small to moderate supplies from depths up to 300 feet.

IPp
Pottsville Group

Sandy shale, coal and coarse grained, massive sandstone.
Poor to moderate supplies of groundwater. Upper and lower sandstone members give the highest yields.

Mp
Pocono Group

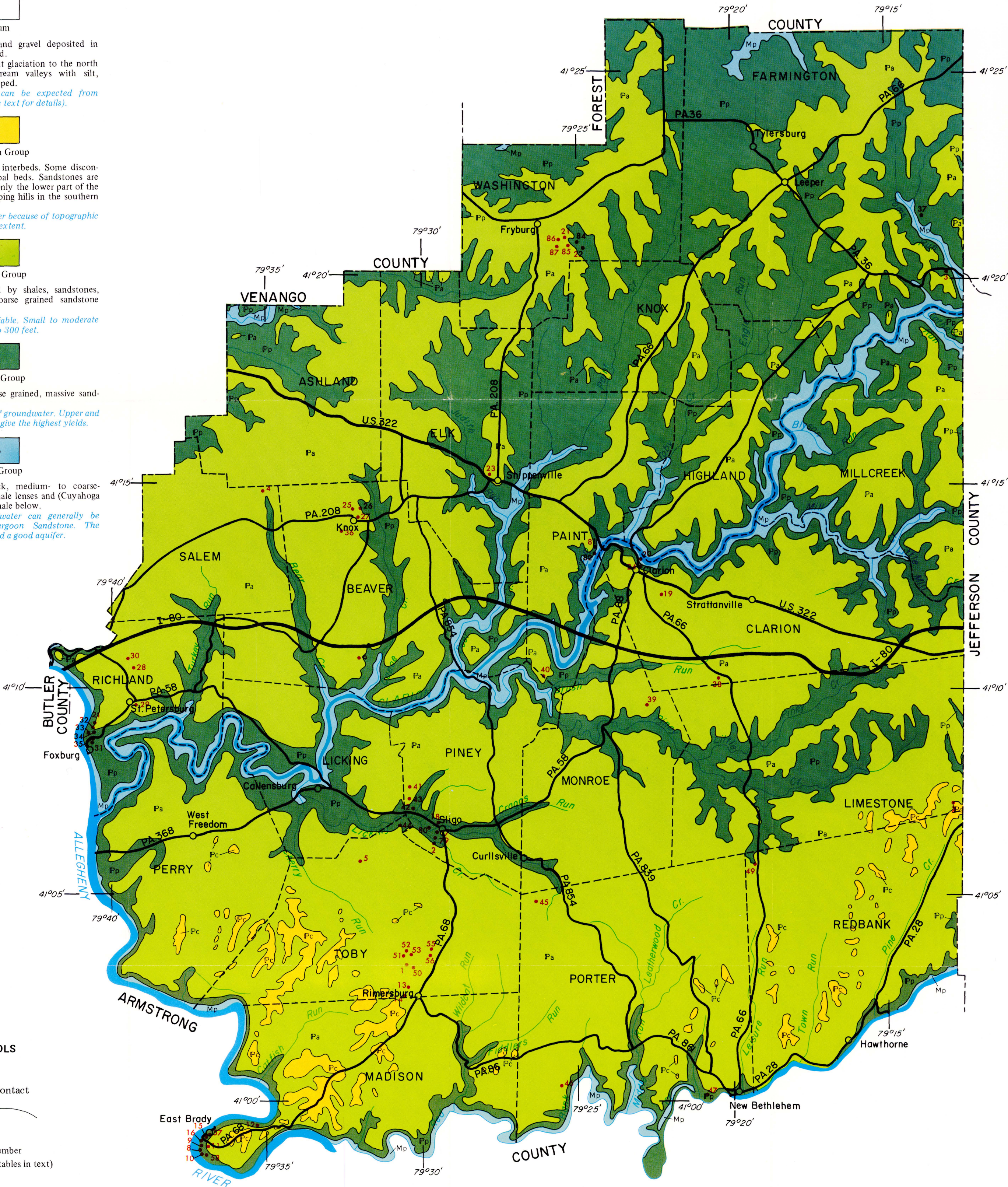
(Burgoon Formation) thick, medium- to coarse-grained sandstone with shale lenses and (Cuyahoga Formation) hard, sandy shale below.
Good supplies of groundwater can generally be obtained from the Burgoon Sandstone. The Cuyahoga is not considered a good aquifer.

SYMBOLS

Geologic Contact

Well and number
(Numbers refer to tables in text)

• 46



GENERALIZED GEOLOGIC MAP OF CLARION COUNTY
AND LOCATIONS OF SELECTED WELLS
1973