

Explanation for the Bedrock Geologic Maps

The bedrock geology shown on these maps was derived from county-wide geologic mapping that was undertaken as a part of the water-resource investigation. In 1995, the Pennsylvania Geological Survey released a 1:50,000 bedrock geologic map as an open-file publication. (Dodge and Glover, 1995, Bedrock geologic map and structure-contour map of Warren County, Pennsylvania: Pennsylvania Geological Survey, 4th ser., Open-File Report 95-02, 2 pls., scale 1:50,000)

The vertical and lateral relations of the bedrock units can be seen in figure 4. The following table explains the abbreviations used on the bedrock geologic maps. Detailed descriptions of the geologic units can be found in the report.

<u>Map Symbol</u>	<u>Bedrock Geologic Unit</u>
Pp	Pennsylvanian Pottsville Group
Ms	Mississippian Shenango Formation
Mc	Mississippian Cuyahoga Formation
Dcou	Devonian Corry Sandstone and unnamed mixed clastics
Du	Devonian unnamed mixed clastics
Dcok	Devonian Corry Sandstone and Knapp Formation undivided
Dr	Devonian Riceville Formation
Do	Devonian Oswayo Formation
Dv	Devonian Venango Formation
Dckv	Devonian Catskill Formation and Venango Formation undivided
Dch	Devonian Chadakoin Formation

Explanation of Map Symbolology



Well obtaining majority of its water from bedrock aquifers.
Number is the well identification number used to reference
the well throughout this report.



Geologic contact