



**EXPLANATION**

	<b>Manlius limestone</b> Fossiliferous limestone with shale partings. Furnishes small to moderate quantities of water to domestic wells
	<b>Bertie limestone</b> Thin-bedded limestone. Furnishes small to moderate quantities of water to domestic wells
	<b>Camillus shale</b> Mottled red and green shale with thin limestone beds. Furnishes small quantities of water of poor quality
	<b>Vernon shale</b> Mottled purplish-red shale. Furnishes small quantities of water of poor quality
	<b>Lockport dolomite</b> Nearly black dolomite and shale. Furnishes small to moderate quantities of water of poor quality
	<b>Clinton group</b> Gray and green shale and sandstone with a few beds of dolomite, conglomerate and red iron ore. Furnishes small supplies of water
	<b>Frankfort shale, includes Pulaski shale</b> Gray sandy shale with thin dolomite beds. Furnishes small to moderate quantities of water of good quality
	<b>Utica shale</b> Black carbonaceous shale. Furnishes small to moderate quantities of water, generally of good quality

— Contact, approximately located

Cayuga

Niagara

Upper Ordovician

SILURIAN

ORDOVICIAN

Base from U. S. Geological Survey topographic quadrangles

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. 10214  
Geology modified from N. C. Dale, 1933 and Marshall Kay and others, 1940-42

**MAP OF UTICA-ROME AREA, NEW YORK, SHOWING GEOLOGY OF THE BEDROCK FORMATIONS**

