









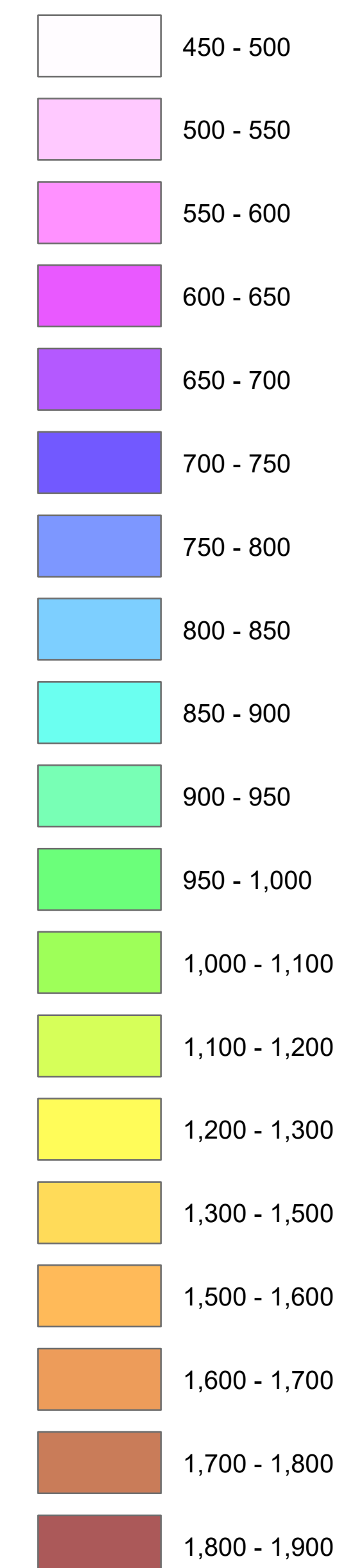
Methodology

Explanation

- Data Point
-  50ft Bedrock Elevation Contour
-  100ft Bedrock Elevation Contour
-  Highway
-  Erie County Line
-  Adjacent County
-  Water Body

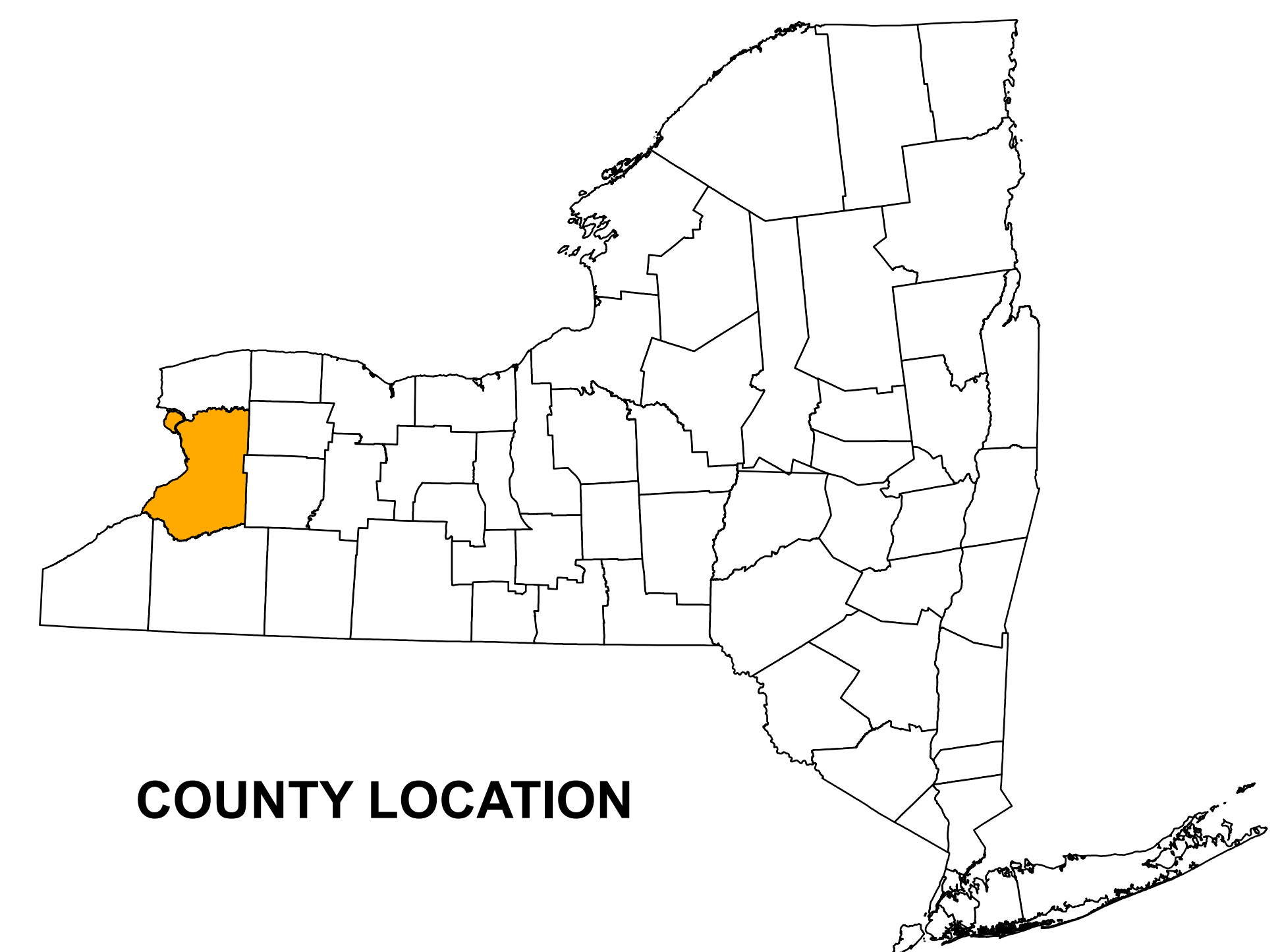
Bedrock Topography

Feet-amsl



Summary

The New York State Museum – Geological Survey has developed a detailed Bedrock Topography Map for Erie County. This map represents a compilation of various surficial and subsurface bedrock data sources, analytical methods, and quality control procedures. The resulting bedrock elevations reveal a range of distinct geological features including a variety of Paleozoic bedrock erosional profiles, and evidence of past glaciation. These characteristics are likely the result of a variety of functions including bedrock stratigraphy, structural deformation, and erosional processes such as past glaciation and fluvial geomorphology. This map is significant for applications in geological research, engineering, natural resource management, and environmental studies. Continued research and work on subsurface geology will provide additional data and insight and enhance the geologic framework of bedrock geology throughout New York State.



COUNTY LOCATION