

BEDROCK GEOLOGY OF THE WHITE PLAINS 7.5-MINUTE QUADRANGLE, WESTCHESTER COUNTY, NEW YORK

Leo M. Hall

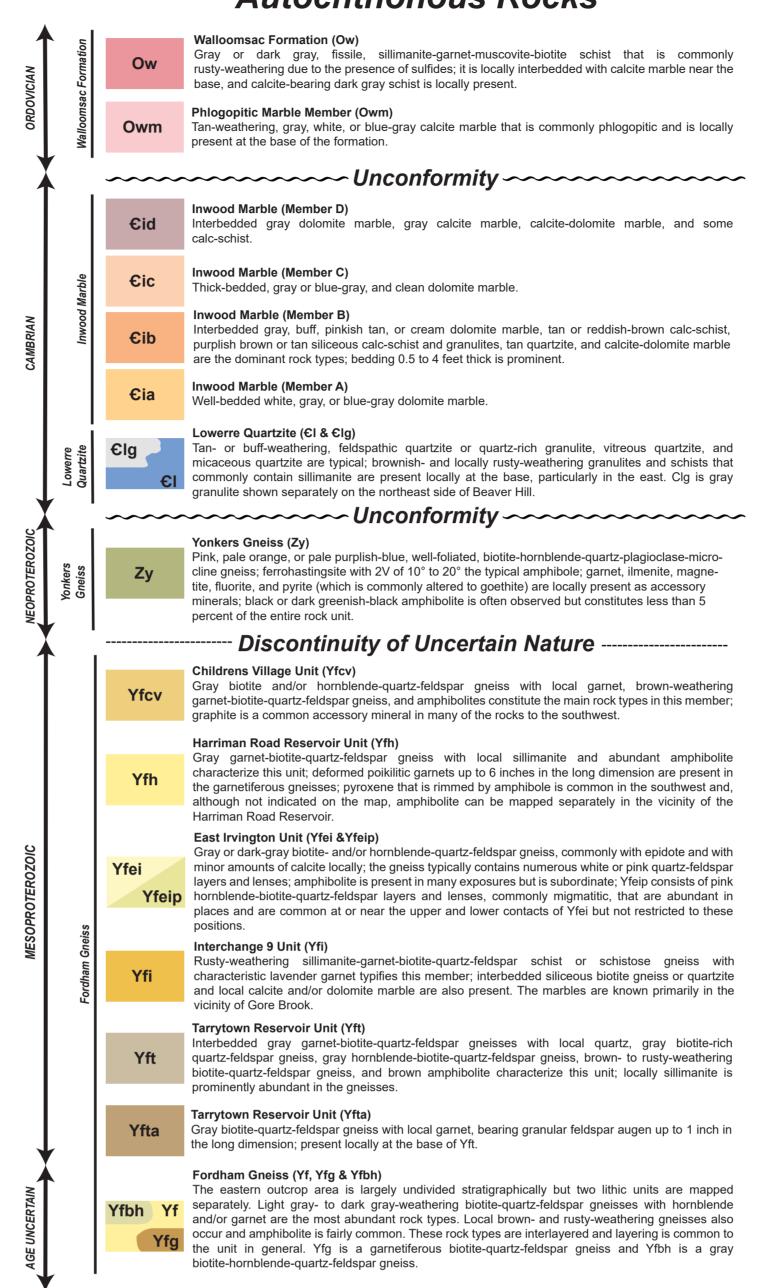
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Leo M. Hall, Janet Manchester, Brian C. Bird and Karl J. Backhaus

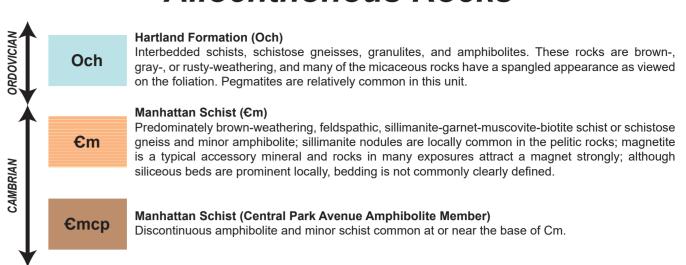
Supported in part by the U.S Geological Survey's National Cooperative Geologic Mapping Program STATEMAP Award Number G22AC00366

DESCRIPTION OF MAP UNITS

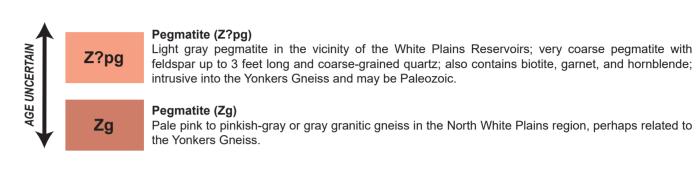
Autochthonous Rocks



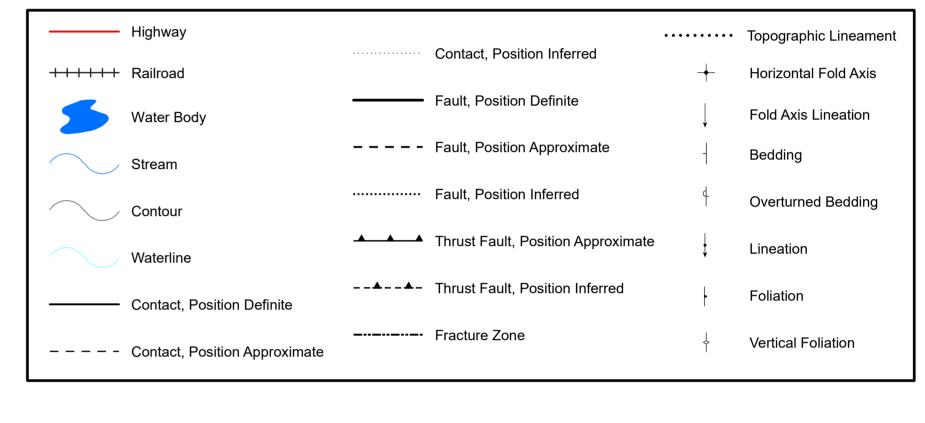
Allochthonous Rocks



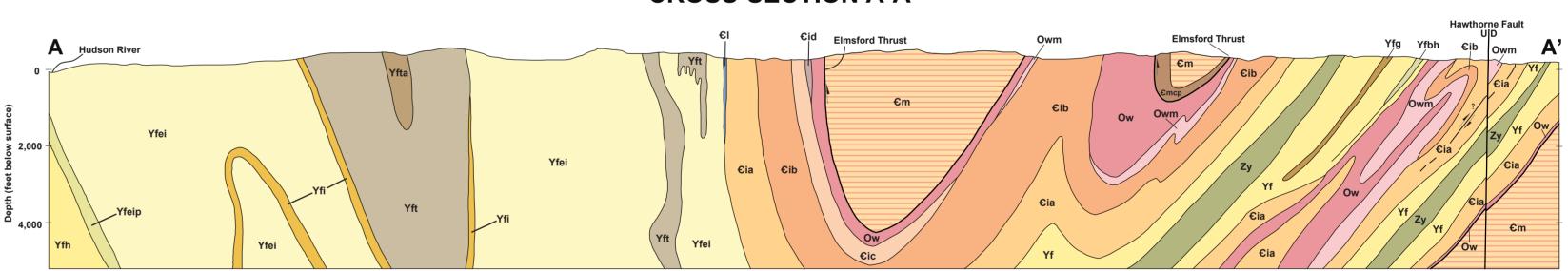
Intrusive Rocks



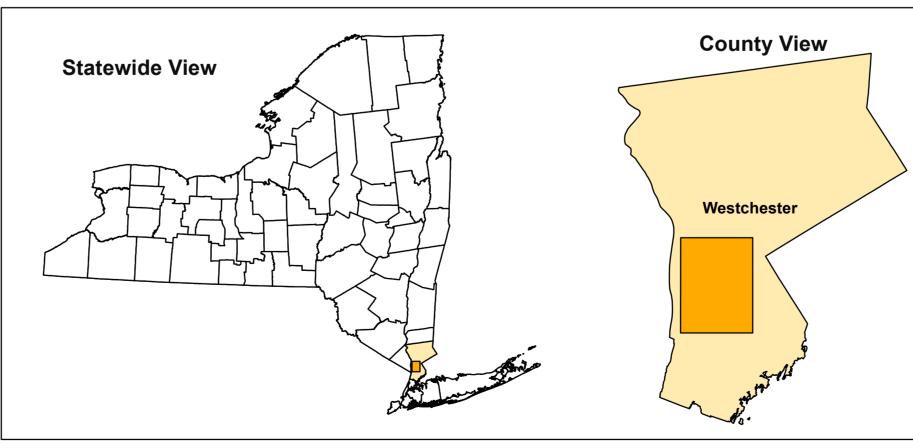
SYMBOLS



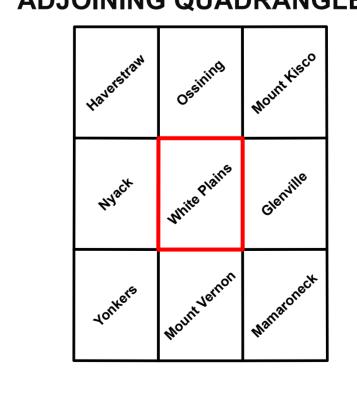
CROSS-SECTION A-A'

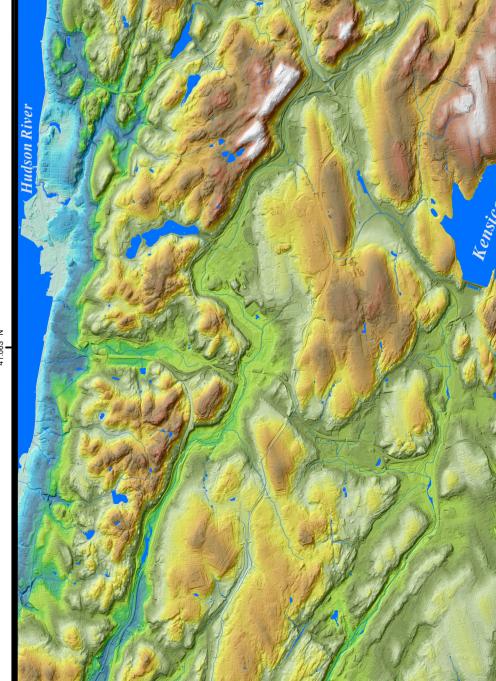


QUADRANGLE LOCATION



ADJOINING QUADRANGLES





Scale: 1:24,000; No Vertical Exaggeration

QUADRANGLE ELEVATION



1:75,000 scale; 2x vertical exaggeration Shaded relief generated from 2019 FEMA 1m

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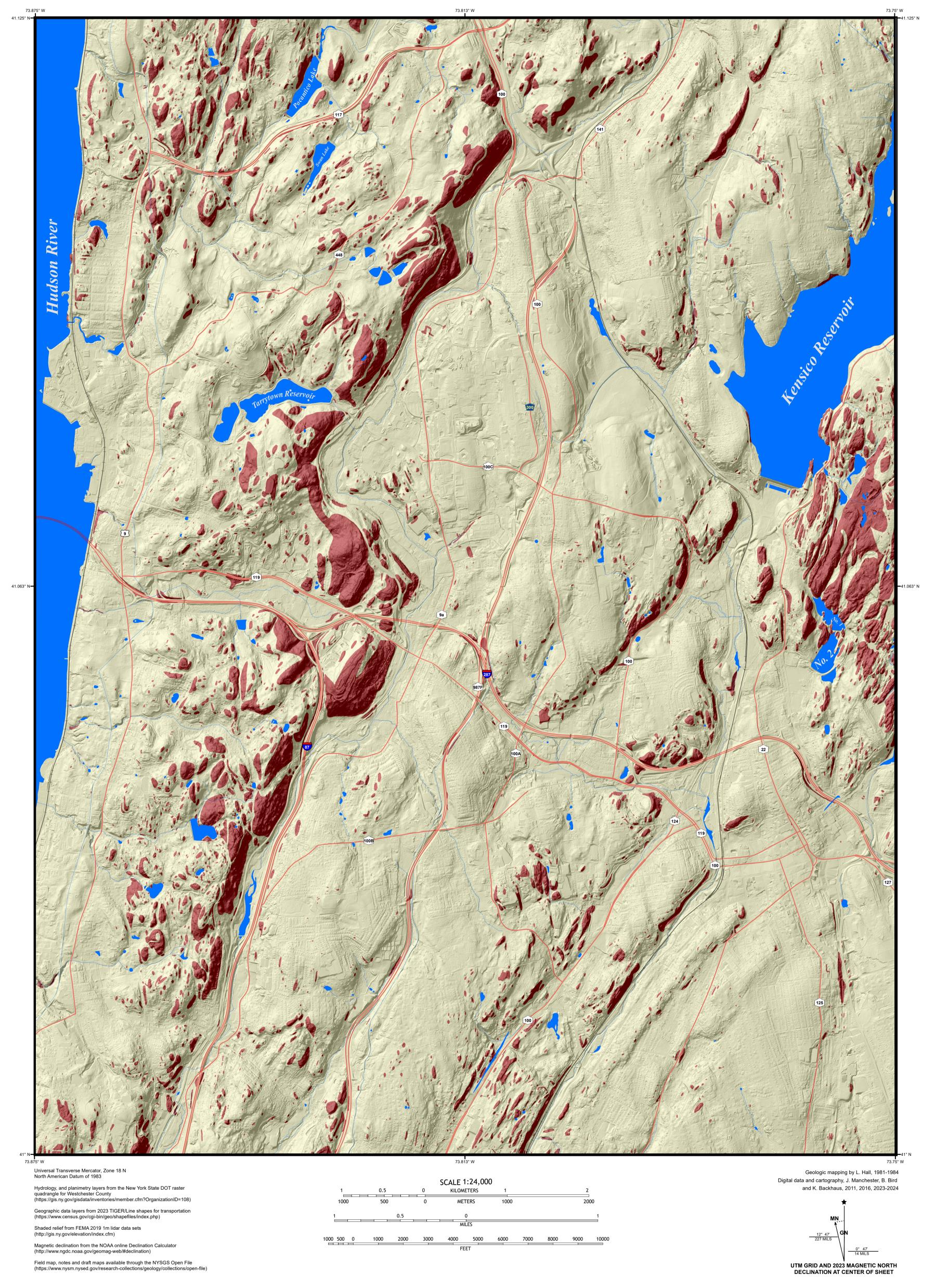
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BEDROCK OUTCROP MAP OF THE WHITE PLAINS 7.5-MINUTE QUADRANGLE, WESTCHESTER COUNTY, NEW YORK

Leo M. Hall 2024

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prepared by Leo M. Hall, Janet Manchester and Karl J. Backhaus

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SYMBOLS



DESCRIPTION OF MAP UNITS



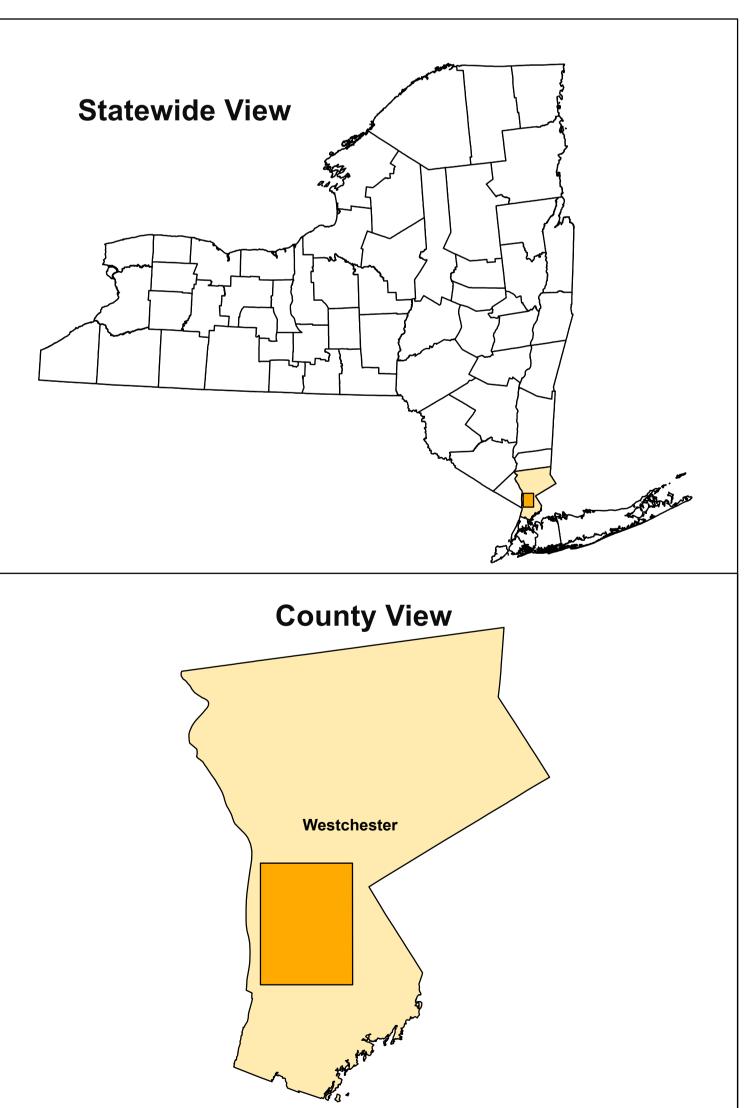
Bedrock Outcrop (Br)

Metamorphic rock that can range from Mesoproterozoic to Ordovician in age. May be covered by one meter or less of Quaternary-aged glacially and non-glacially derived sediment.



Quaternary Cover (Qc)
Glacially or non-glacially derived sediment of varying thicknesses overlying older metamorphic rock (Br).

QUADRANGLE LOCATION



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