

EXPLANATION

- Water**

- Holocene**
- Hw** **Wetland Deposit (Hw)**
Peat, muck, marl, silt, clay, or sand deposited in association with wetland environments. Various sediments can be present as transitional from one facies to another.
- Hs** **Stratified silt, sand, and gravel (Hs)**
Well sorted and stratified silt, sand, and gravel, deposited by rivers and streams. May include cobbles. Inferred as post-glacial alluvium, it includes modern channel, over-bank, and fan deposits.

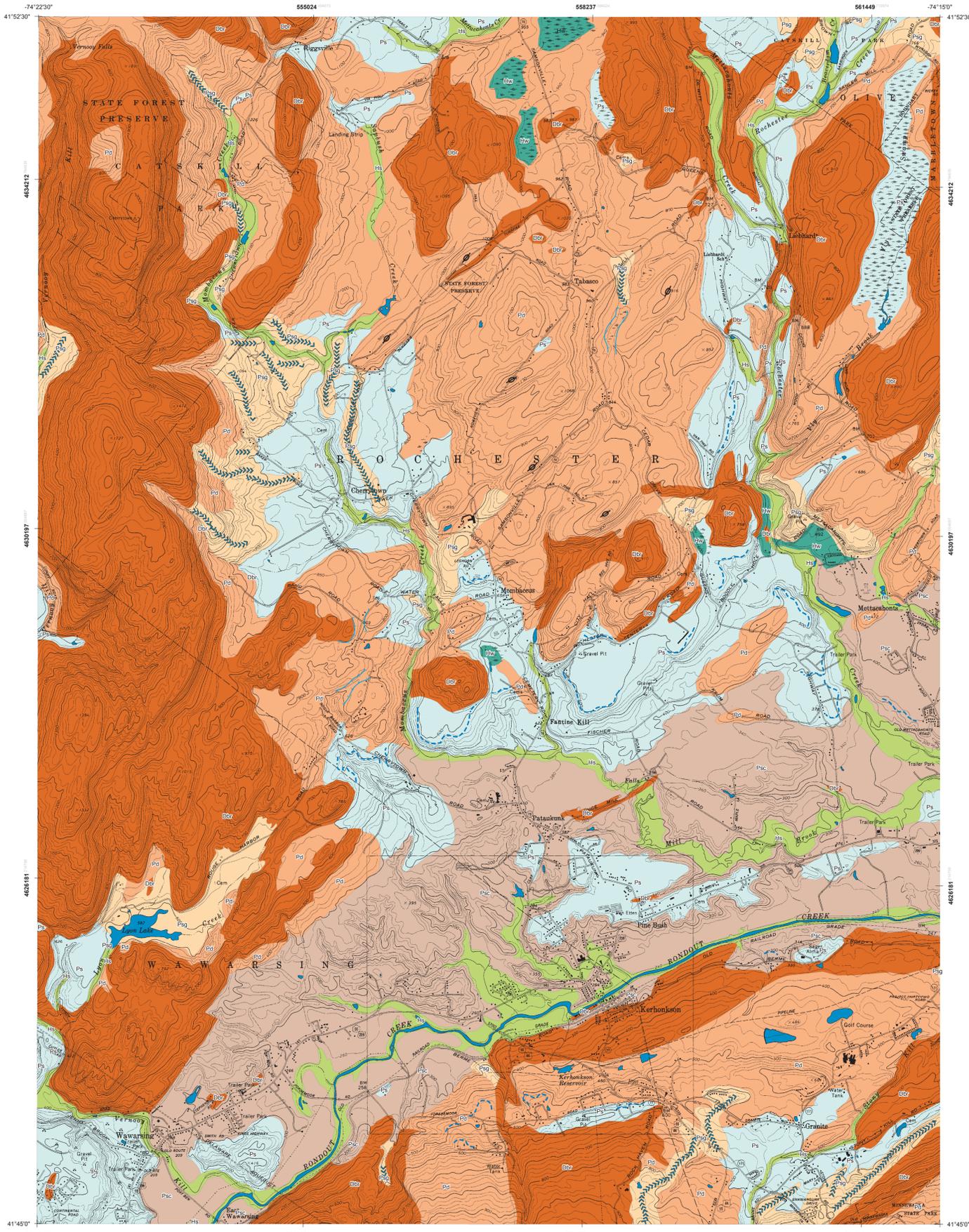
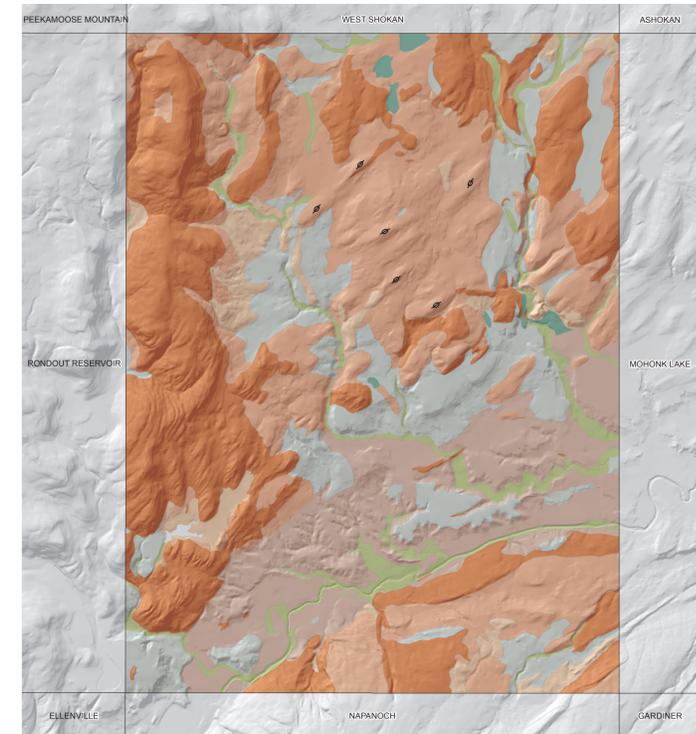
- Pleistocene**
- Psc** **Silt and Clay (Psc)**
Stratified fine sediment consisting of silt and clay. Inferred to be deposited in deepwater settings of glacial lakes. May include rhythmites and varves.
- Ps** **Stratified silt, sand, and gravel (Ps)**
Well sorted and stratified sand, and gravel, deposited by rivers and streams. May include cobbles. Inferred as delta or fan deposits deposited in glacial lakes.
- Psg** **Stratified Sand, Gravel, and Cobbles (Psg)**
Well sorted and stratified sand, gravel, and cobbles. Inferred to be deposited in contact with, or close proximity to former glaciers. Stratified drift includes kames, kame terraces, outwash, and heads of outwash.
- Pd** **Diamicton (Pd)**
An admixture of unsorted sediment ranging from clay to boulders.

- Pre-Pleistocene**
- Dbr** **Bedrock (Dbr)**
Devonian and Silurian aged sedimentary rocks

GLACIAL LANDFORM SYMBOLS

- Esker**
- Glacial Lake Shoreline**
- Glacial Meltwater Channel**
- Drumlin**

SHADED TERRAIN MAP AND SURROUNDING QUADRANGLES



Universal Transverse Mercator, Zone 18 N
North American Datum of 1983
Elevation contours and planimetry layers from the New York State Dept. of Transportation Raster
Quadrangle boundaries for Kerhonkson 7 1/2 minute quad.
DOT edition date 1999, USGS contour dates 1954.
Hydrography from the National Hydrography Dataset, U.S. Geological Survey.
Magnetic declination from the NOAA online Declination Calculator: <http://www.ngdc.noaa.gov/gemmag/declination>

Scale 1:24,000
0 12.5 25 Miles
0 1.25 2.5 Kilometers
Contour interval 20 feet

Geologic mapping by G.G. Connally 1985
Digital data and cartography by B. Bird and C. Booth 2013



NOTICE
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QUADRANGLE LOCATION