

THE DUANESBURG 7.5-MINUTE QUADRANGLE, MONTGOMERY, SCHENECTADY AND SCHOHARIE COUNTIES, NEW YORK

prepared by
Hailey M. Forgeng and Karl J. Backhaus

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DESCRIPTION OF MAP UNITS

Holocene

- Af**
- Artificial fill (Af)**
This unit is generally comprised of coarse-to-fine materials, such as large cement mounds and/or crushed rock, which have been anthropogenically transported and used for construction purposes.
- Ha**
- Stratified silt, sand, and gravel (Ha)**
Sorted and stratified silt, sand, and gravel, deposited by rivers and streams. May include cobbles and boulders. Inferred as post-glacial alluvium and includes modern channel, over-bank and fan deposits.
- Hw**
- Wetland deposit (Hw)**
Peat, muck, marl, silt, clay, or sand deposited in association with wetland environments. Various sediments can be present at transitional boundaries from one facies to another.
- Hdc**
- Diamict colluvium (Hdc)**
Unsorted and unstratified deposit of gravel, sand, silt, and clay, with boulders/cobbles possible. Described as a mass-wasting deposit at the base of steep hillslopes and cliffs that was formed as part of a slump or hillslope failure.

Pleistocene

- Plsc**
- Silt and clay (Plsc)**
Stratified, fine-grained sediment consisting of fine sand, silt, and clay-size particles. Inferred to have been deposited in mid-shore to deep water settings of glacial lakes. May include marl, rhythmites, and varves.
- Pics**
- Cobbles to sand (Pics)**
Stratified ice contact deposits; variable coarse-grained sediment consisting of boulders to sand-size particles. Inferred to have been deposited along an ice margin. May include interbedded coarse lenses of gravel and clast-supported diamicton (flow till).
- Pd**
- Matrix-supported diamicton (Pd)**
An admixture of unsorted sediment ranging from clay to boulders. Generally matrix-supported, massive and clast-rich.
- Pdcs**
- Clast-supported diamicton (Pdcs)**
An admixture of unsorted sediment ranging from clay to boulders. Generally clast-supported, massive and clast-rich.

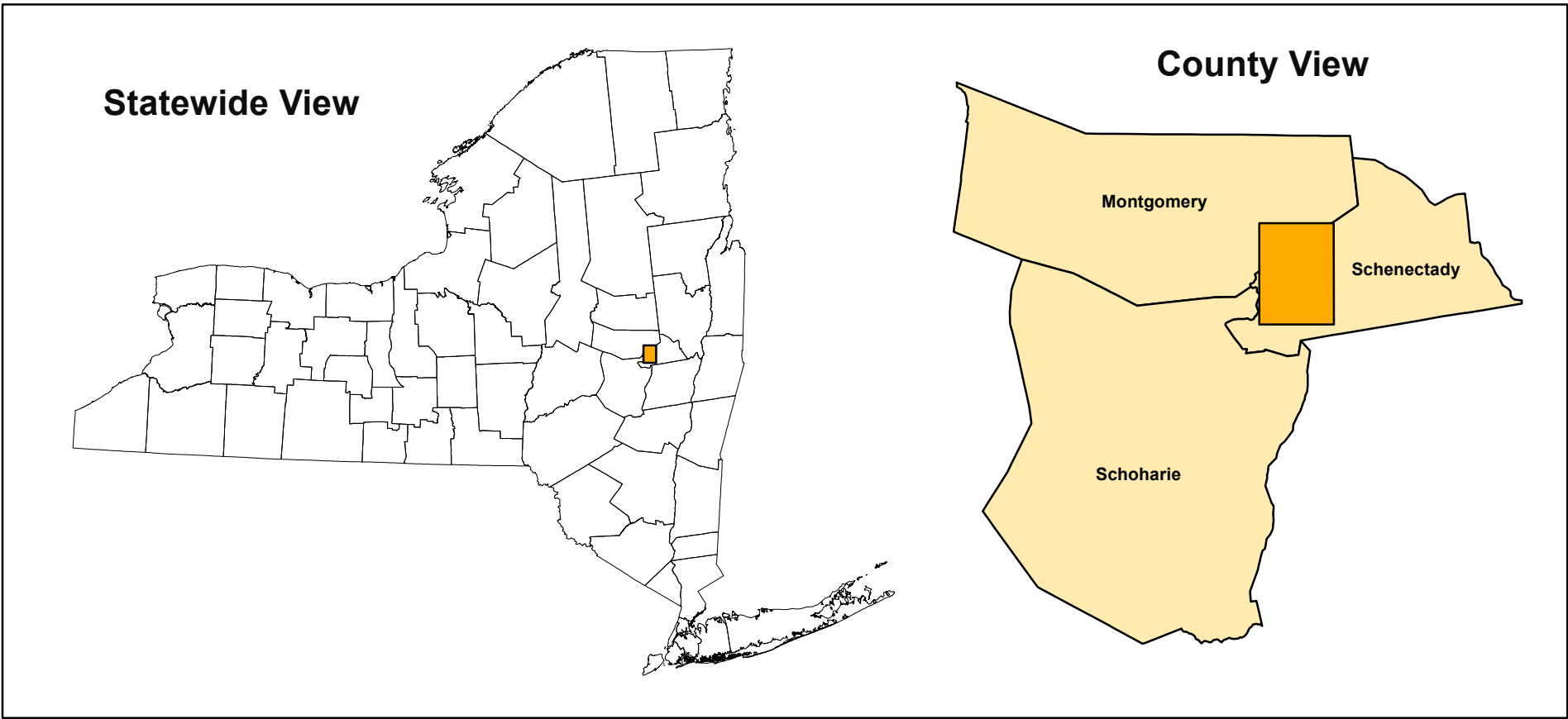
Pre-Pleistocene

- Br**
- Bedrock (Br)**
Non-glacially derived hard rock, pre-Pleistocene in age. May be covered by up to a meter with diamicton, sand and gravel, or sand and clay in areas marked as Br.

SYMBOLS

- | | | |
|------------------|----------------------------|--------------------------|
| — Street | — County Line | ✦ NYSDOT Boring Location |
| — Highway | Water Body | Drumlin |
| — Railroad | Stream | Meltwater Channel |
| — Airport Runway | Contour | Glacial Lake Shoreline |
| | NYSDEC Water Well Location | |

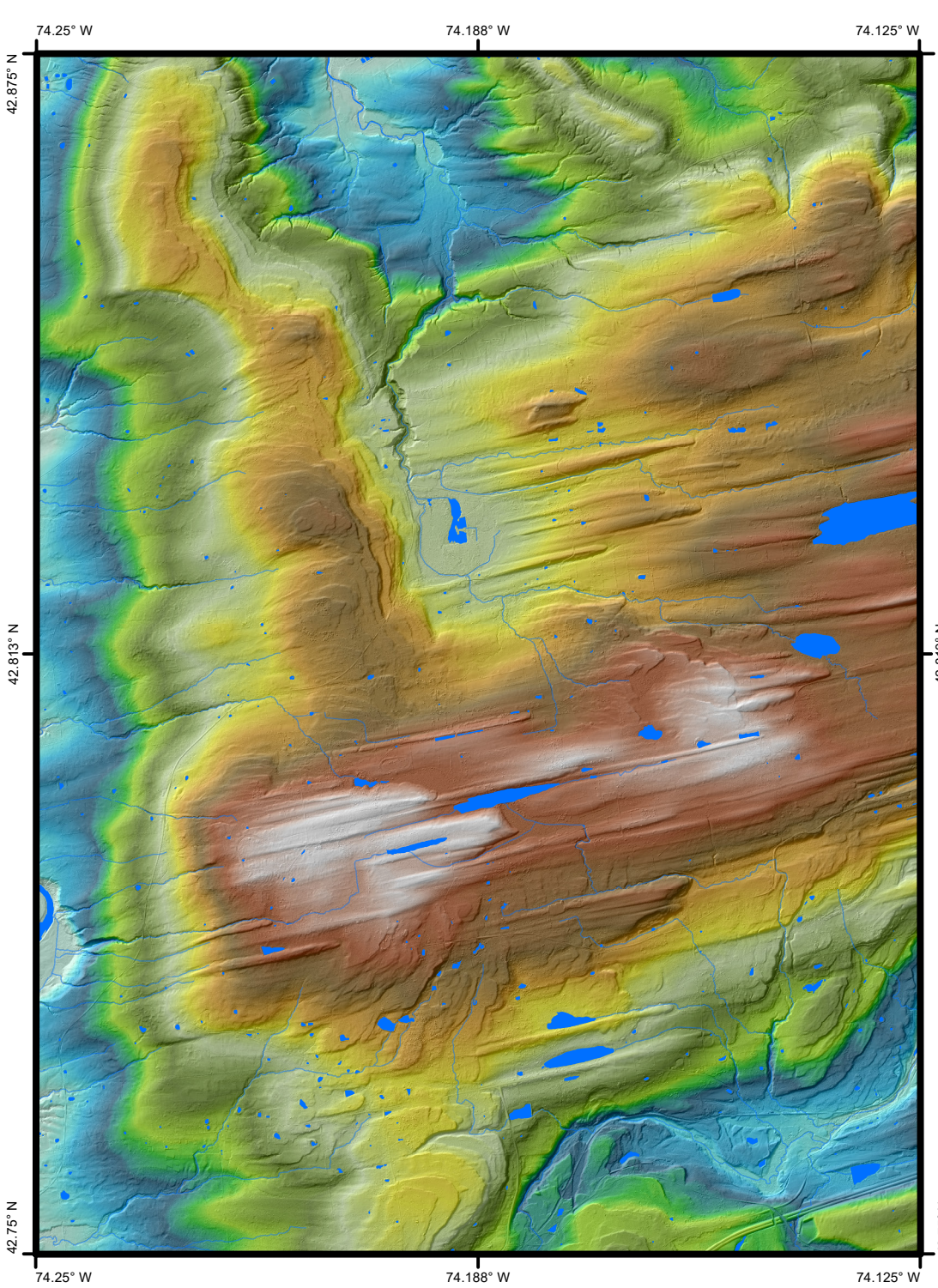
QUADRANGLE LOCATION



ADJOINING QUADRANGLES

Tribes Hill	Amsterdam	Pattersonville
Esperance	Duanesburg	Rottenham Junction
Schoharie	Gallupville	Altamont

QUADRANGLE ELEVATION



Feet-amsl
1:75,000 scale; 2x vertical exaggeration
Shaded relief generated from the 2014 Schoharie 1-meter lidar data set
530 1460

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Andrew L. Kozlowski and Hailey M. Forgeng
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NOTICE
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