

# SURFICIAL GEOLOGY OF THE SKANEATELES 7.5-MINUTE QUADRANGLE, CAYUGA AND ONONDAGA COUNTIES, NEW YORK

*prepared by*  
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## DESCRIPTION OF MAP UNITS

### Holocene

Ha	<b>Stratified silt, sand and gravel (Ha)</b> 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	<b>Wetland Deposit (Hw)</b> 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

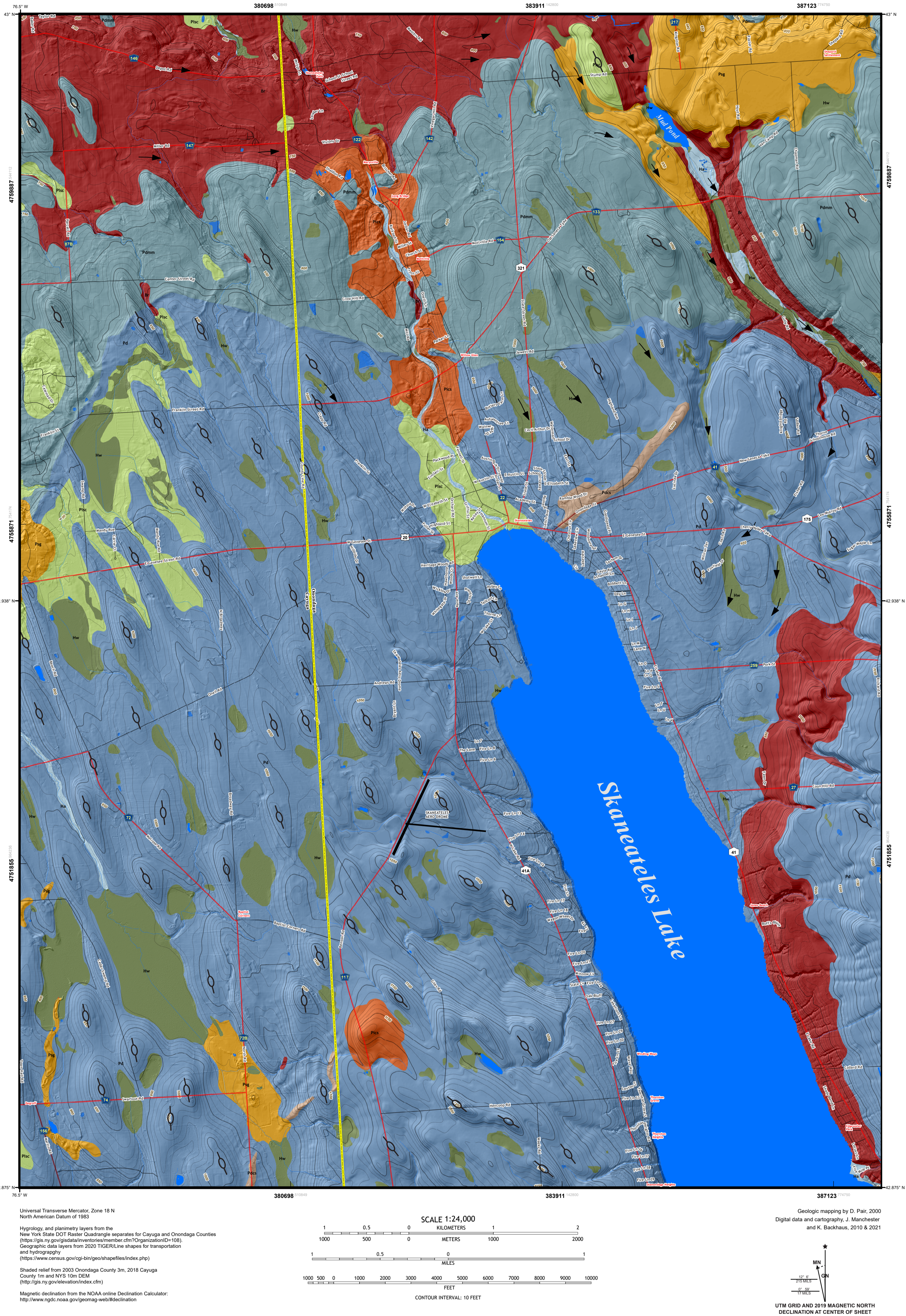
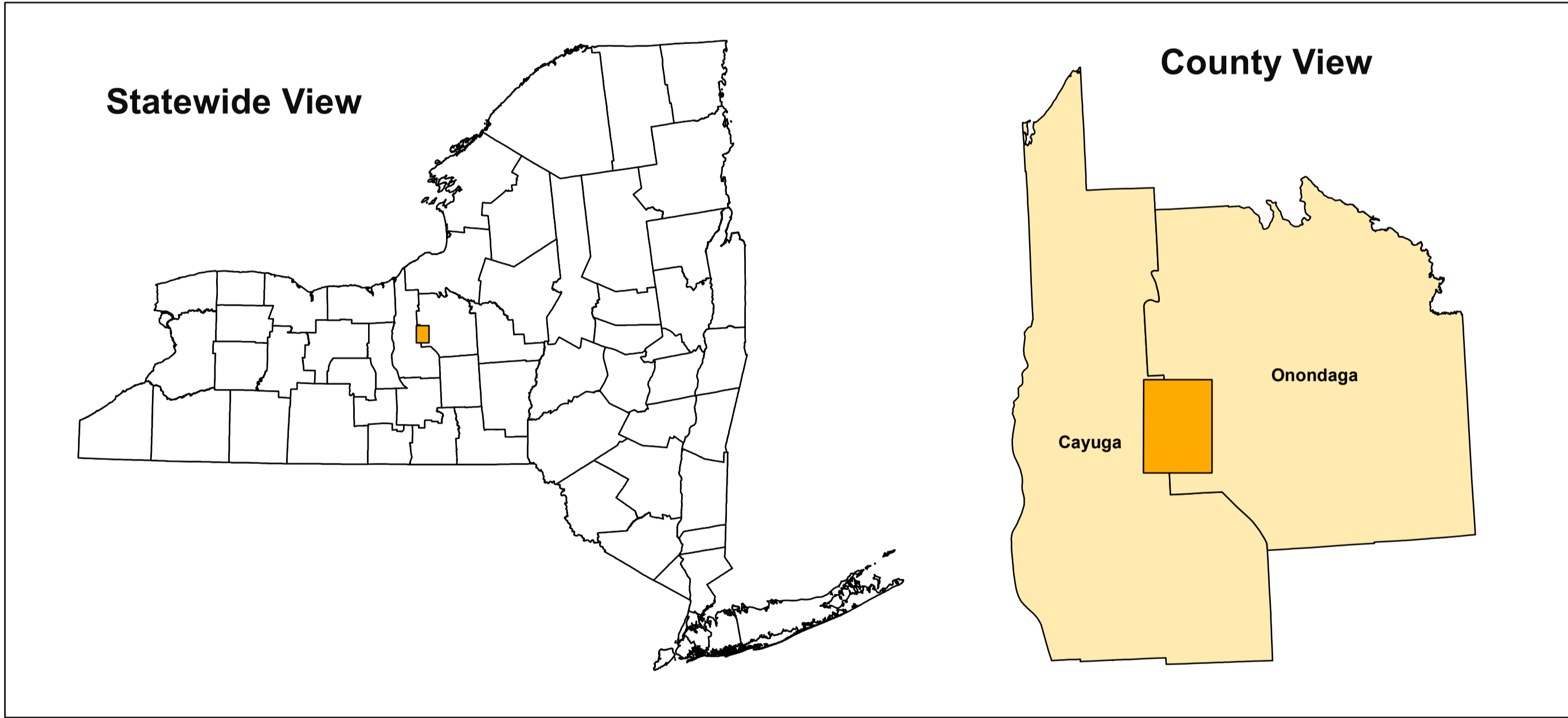
### Pleistocene

Plsc	<b>Silt and Clay (Plsc)</b> Stratified, fine-grained sediment consisting of fine sand, silt and clay size particles. Inferred to be deposited in mid shore to deepwater settings of glacial lakes. May include marl, rythmites, and varves.
Pics	<b>Cobbles to Sand (Pics)</b> Stratified ice contacted deposits, variable coarse-grained sediment consisting of boulders to sand size particles. Inferred to be deposited along an ice-margin. May include, interbedded coarse lenses of gravel and clast supported diamictons (flow tills).
Psg	<b>Stratified sand and gravel (Psg)</b> Well-sorted and stratified sand and gravel. May include cobbles and boulders. Inferred to be delta, fan or lag deposits in glacial channels or near former ice margins.
Pdcs	<b>Diamicton (Pdcs)</b> An admixture of unsorted sediment ranging from clay to boulders. Generally clast supported, massive and clast-rich.
Pdmm	<b>Diamicton (Pdmm)</b> An admixture of unsorted sediment ranging from clay to boulders. Generally matrix supported, massive and clast-rich.
Pd	<b>Diamicton (Pd)</b> An admixture of unsorted sediment ranging from clay to boulders. Generally matrix supported, massive and clast-rich.

### Pre-Pleistocene

Br	<b>Bedrock (Br)</b> Non-glacially derived, hard rock, pre-pleistocene in age. May be covered up to a meter in diamicton, sand and gravel, or sand and clay in areas marked as Br.
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## QUADRANGLE LOCATION



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Donald L. Pair  
2008

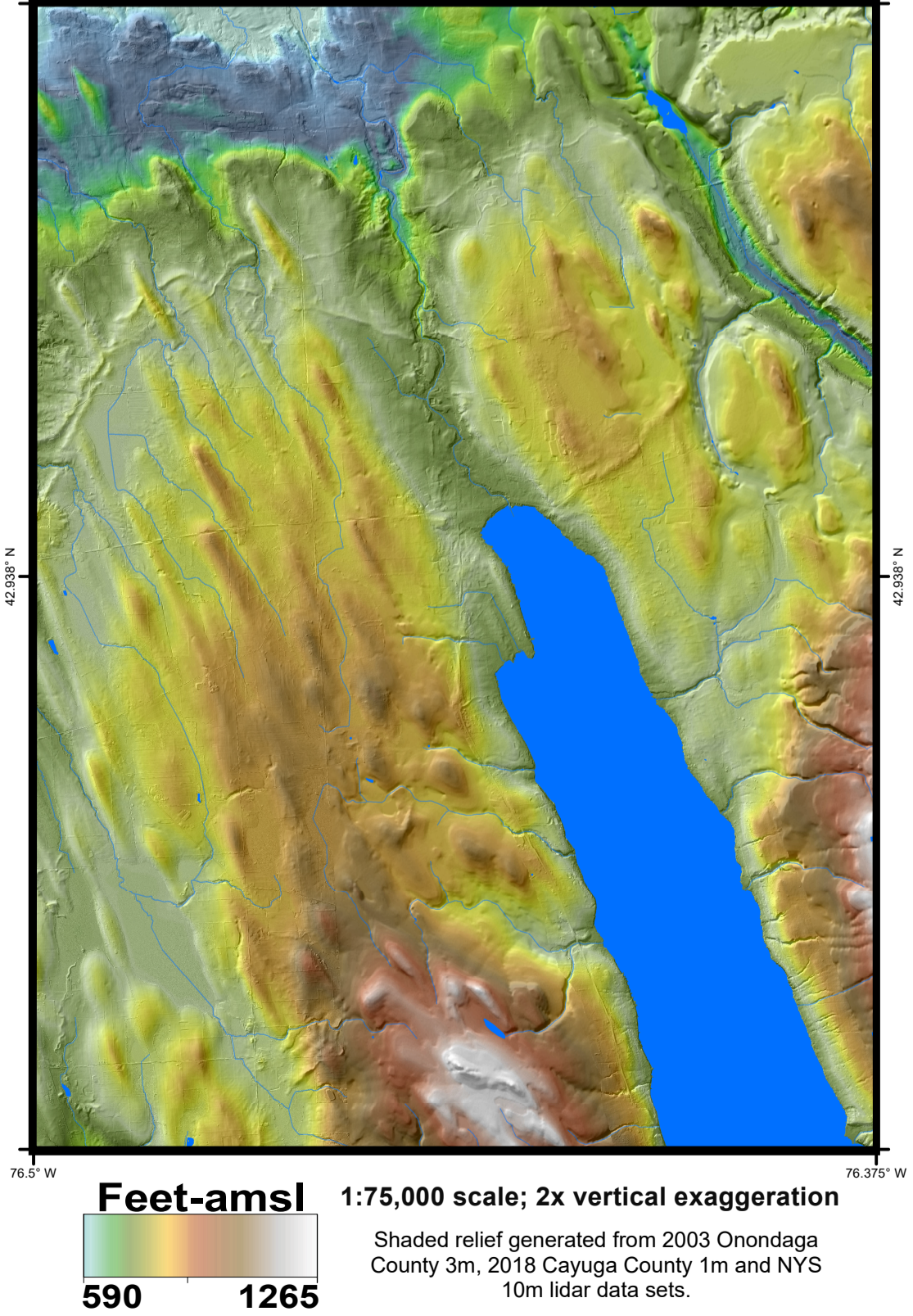
## SYMBOLS

Highways	Streams	Drumlins
Streets	Contours	Eskers
Airport Runway	NYSDEC Water Well Location	Meltwater Channels
County Lines	NYSDEC Boring Location	Meltwater Flow Direction
Water Bodies	NYSDEC Oil & Gas Well Location	Ice Margins

## ADJOINING QUADRANGLES

Weedsport	Jordan	Camillus
Albion	Skaneateles	Marcellus
Scipio Center	Owasco	Spaford

## QUADRANGLE ELEVATION



### NOTICE

This geologic map was funded in part by the USGS National Cooperative Geologic Mapping Program STATEMAP award number 99HQAG0063 in the year 2000.  
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