

SURFICIAL GEOLOGY OF THE SAVANNAH 7.5-MINUTE QUADRANGLE, SENECA AND WAYNE COUNTIES, NEW YORK

prepared by
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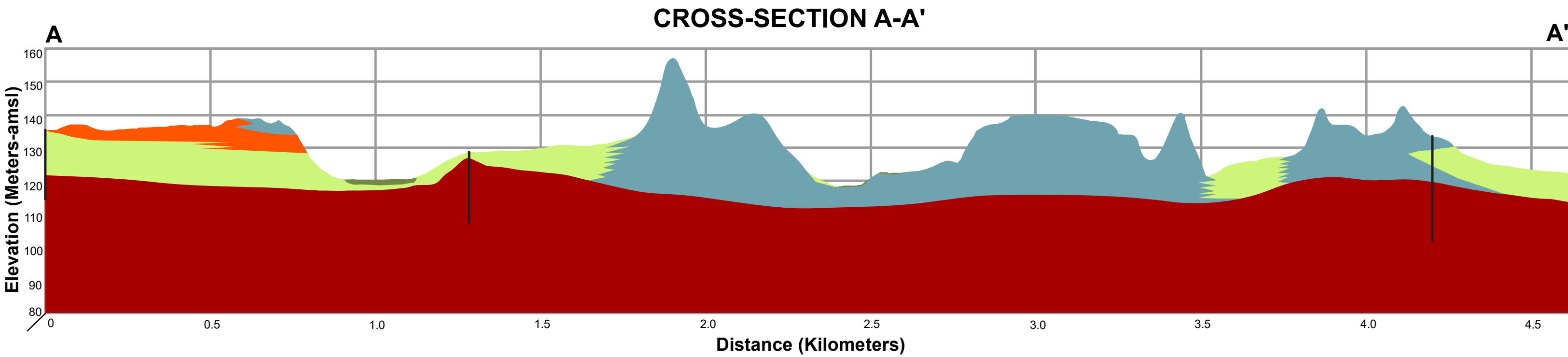
DESCRIPTION OF MAP UNITS

Holocene

- Af**
- Artificial Fill (Af)**
Surficial sediment composed of coarse/fine and or crushed rock 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

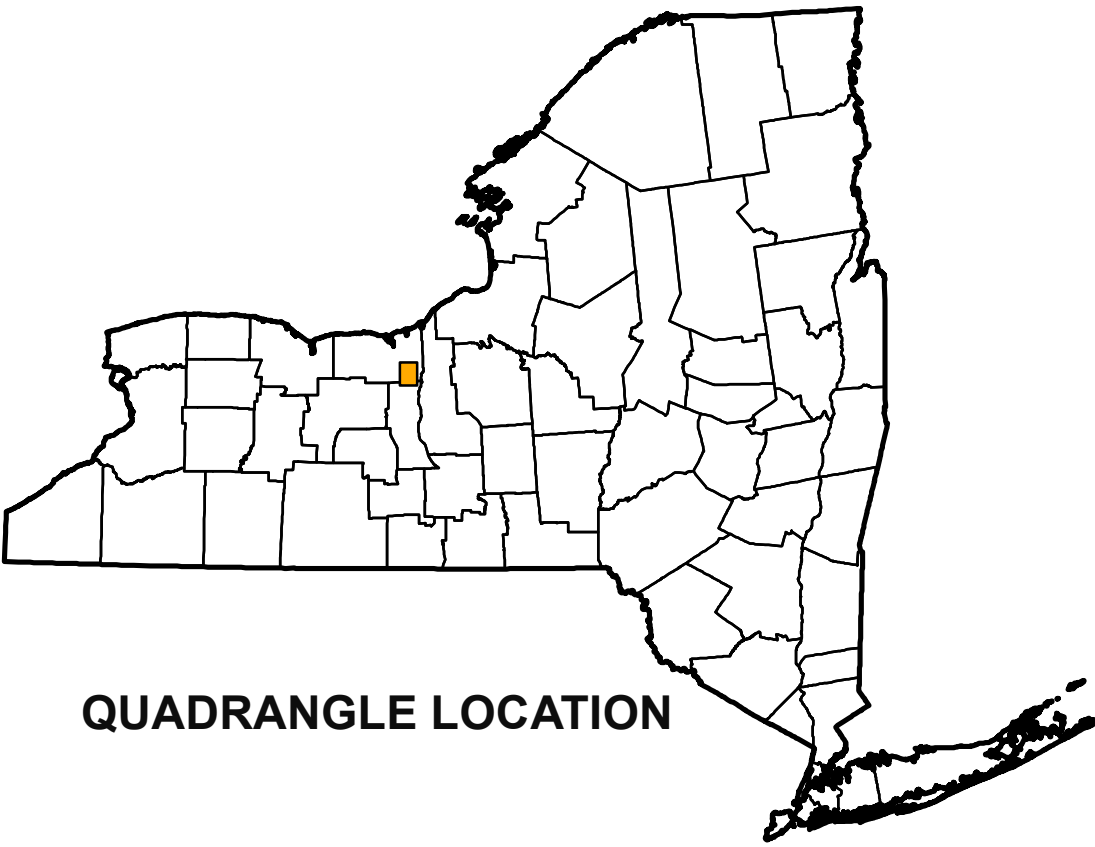
Pleistocene

- Ps**
- Stratified Sand (Ps)**
Well sorted and stratified sand, deposited by fluvial, lacustrine or eolian processes. Inferred as deposits associated with distal glacial environments.
- Plsc**
- Silt and Clay (Psc)**
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**
- Cobbles to Sand (Pics)**
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**
- Stratified sand and gravel (Psg)**
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 ice margins.
- Pdmm**
- Diamicton (Pdmm)**
An admixture of unsorted sediment ranging from clay to boulders. Generally matrix supported, massive and clast-rich.



SYMBOLS

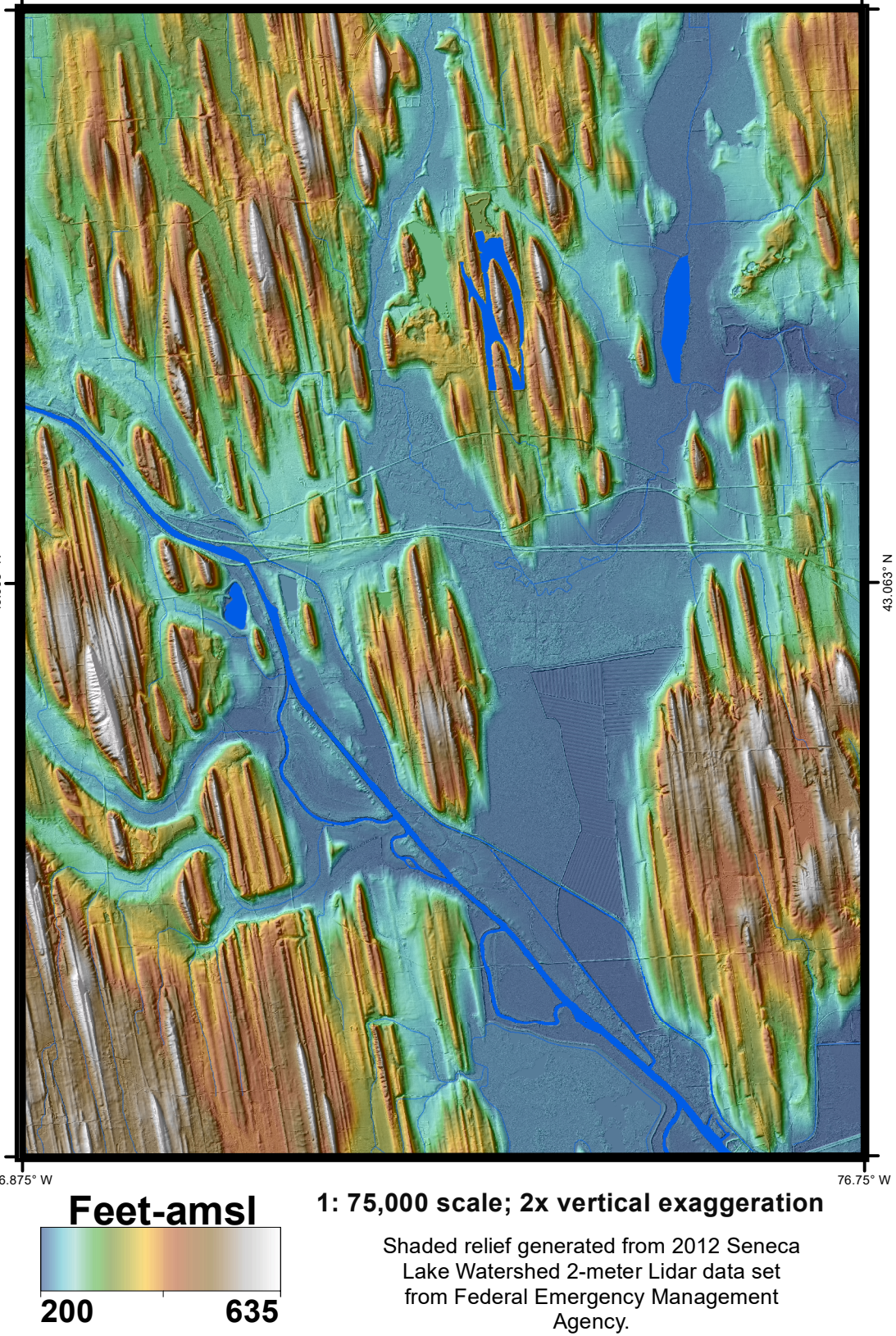
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|----------------|--------------------|--------------------------------|
| Highways | Streams | NYSGS Sample Location |
| Streets | Water Bodies | NYSGS Borehole Location |
| Railroads | Contours | NYSEDC Waterwell Location |
| Airport Runway | Cross-Section Line | NYSDOT Boring Location |
| County Line | Drumlins | NYSEDC Oil & Gas Well Location |



ADJOINING QUADRANGLES

Rose	Wolcott	Victory
Lyons	Savannah	Montezuma
Geneva North	Seneca Falls	Cayuga

QUADRANGLE ELEVATION



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NOTICE

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