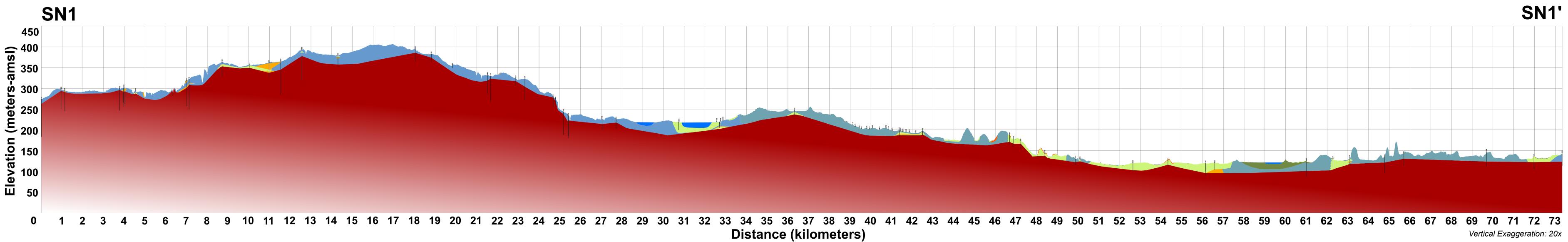
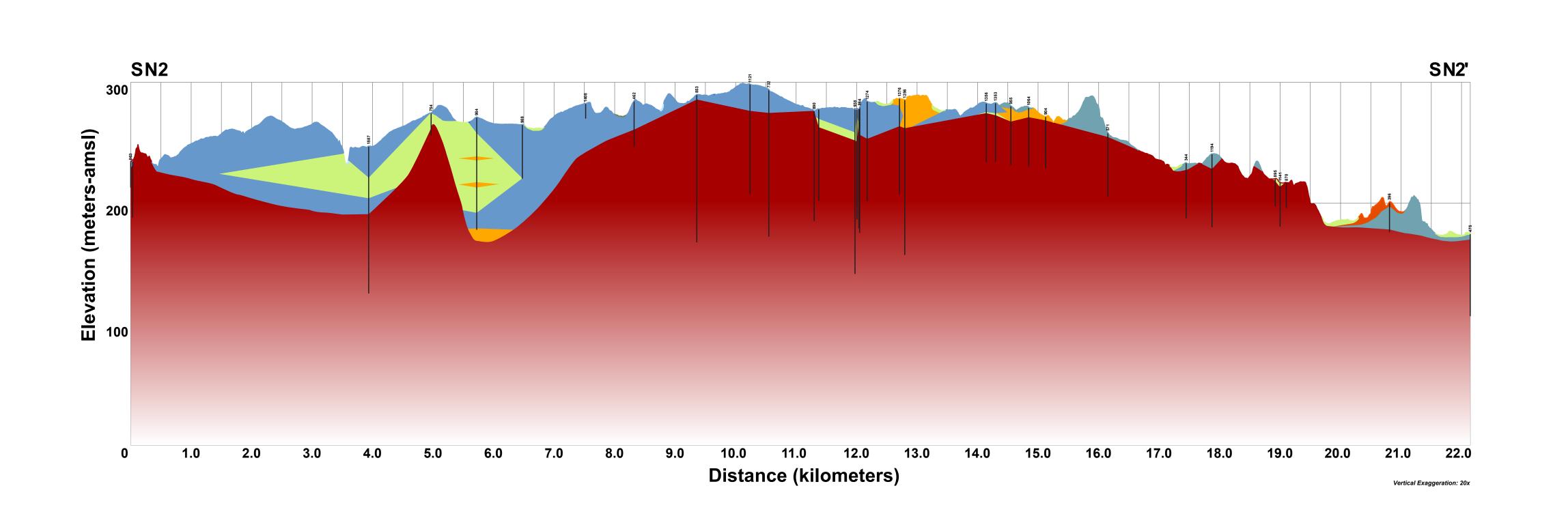
### SURFICIAL AND SUBSURFACE GEOLOGY OF CAYUGA COUNTY, NEW YORK

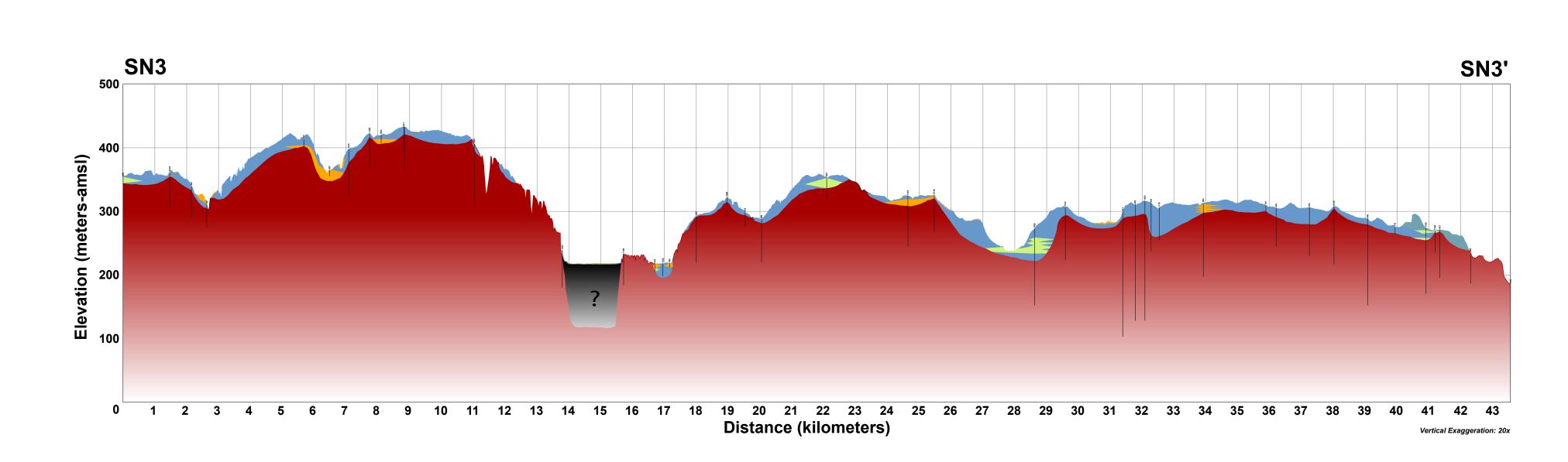
*prepared by* Karl J. Backhaus and Andrew L. Kozlowski

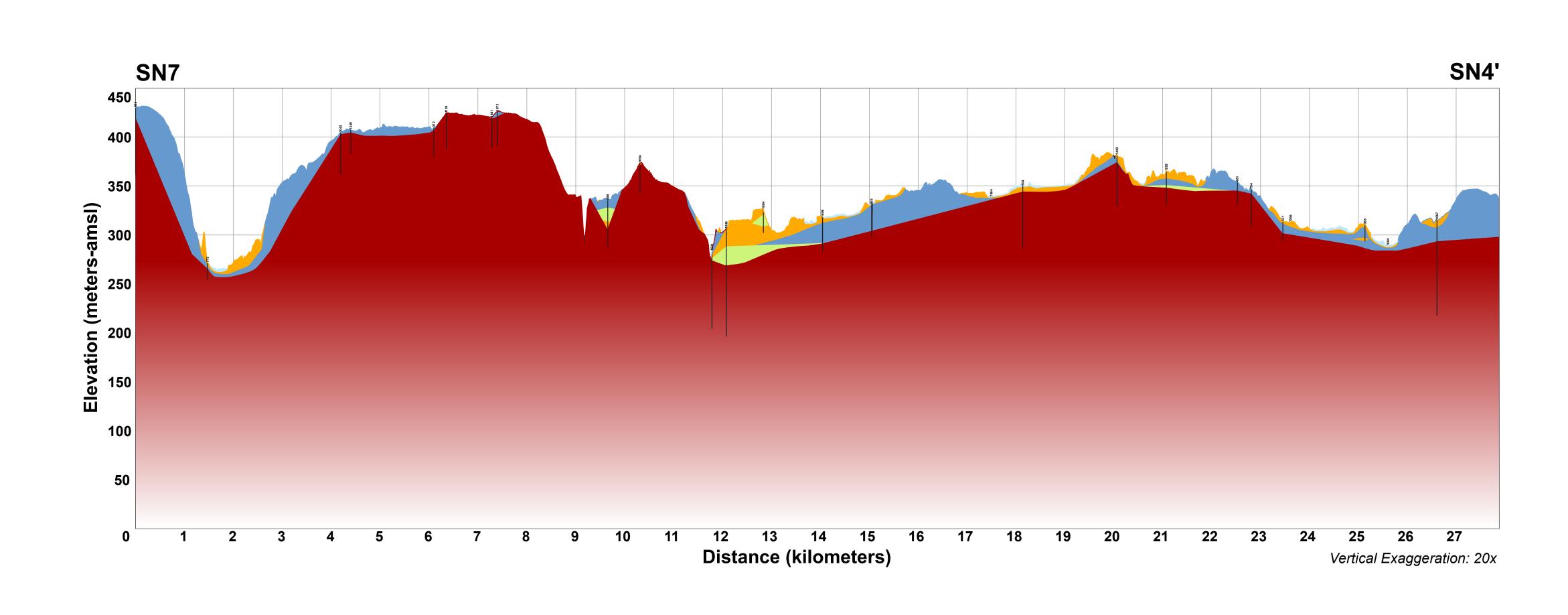
Supported in part by the U.S Geological Survey's National Cooperative Geologic Mapping Program Great Lakes Mapping Coalition Award Number G20AC00338

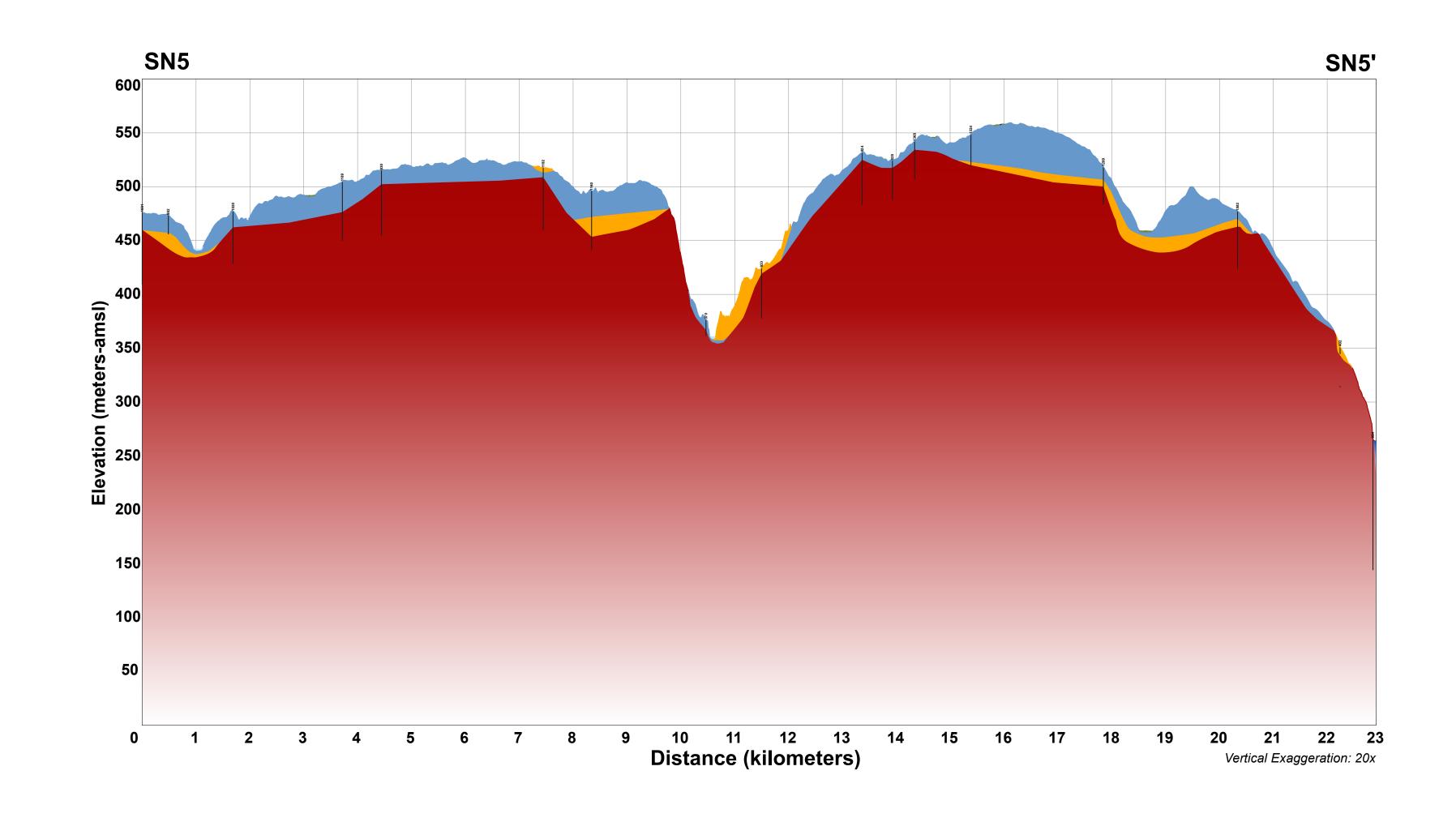
## NORTH-SOUTH CROSS-SECTIONS



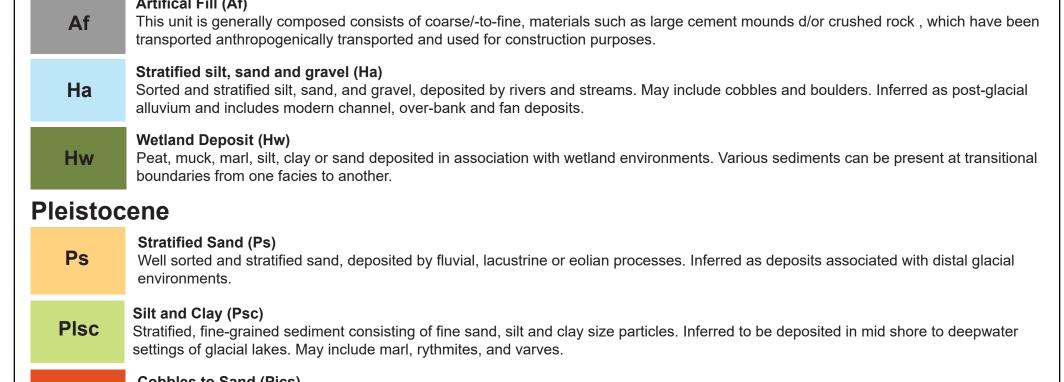


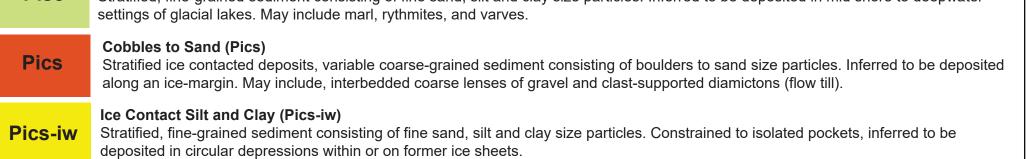


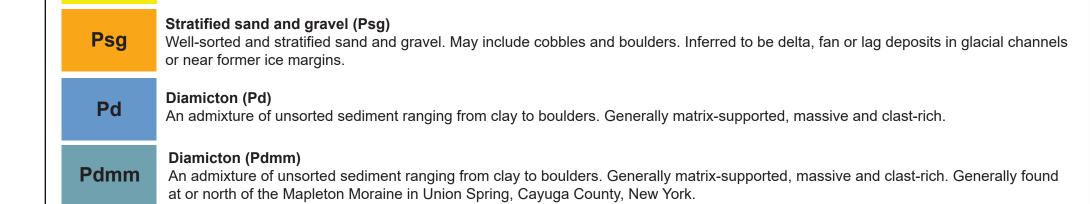








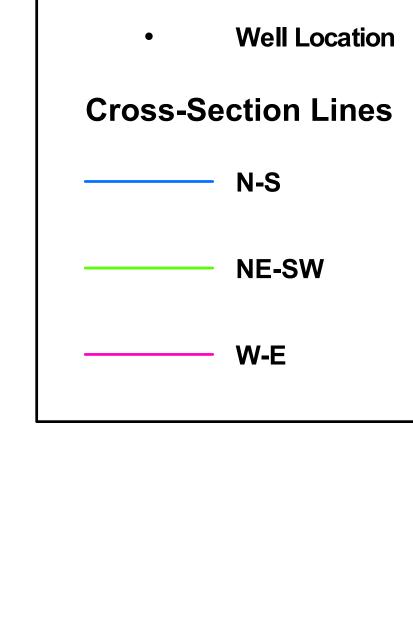




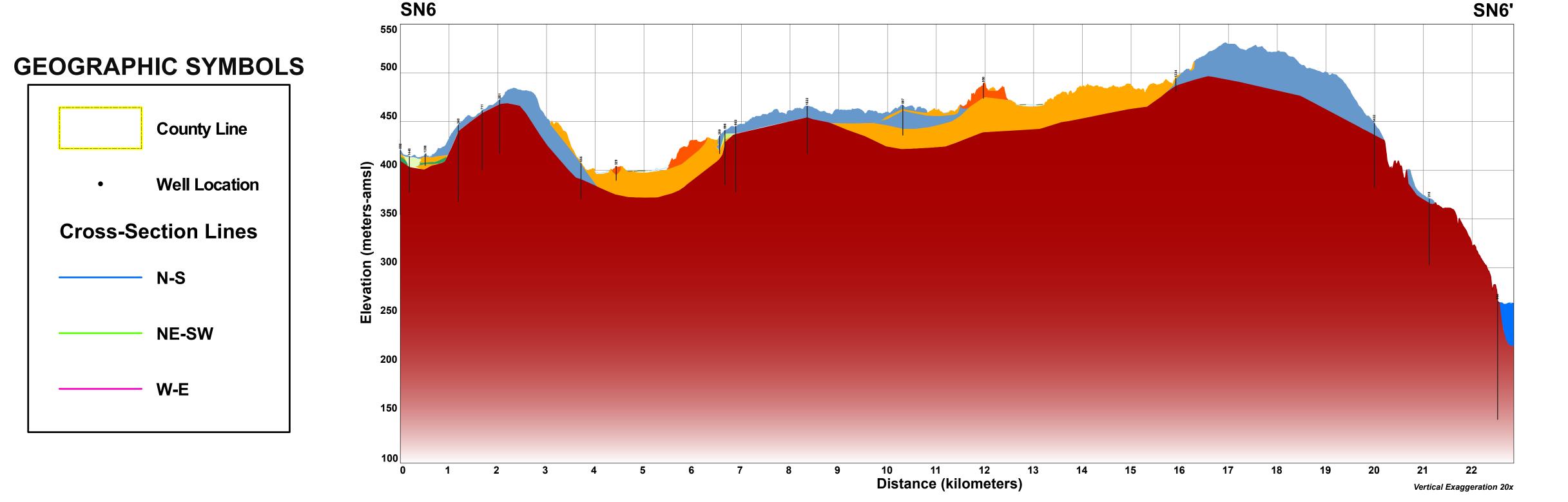
Pdcs

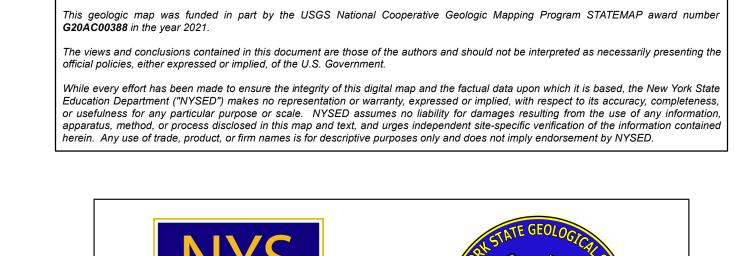
An admixture of unsorted sediment ranging from clay to boulders. Generally clast-supported, massive and clast-rich. Pre-Pleistocene

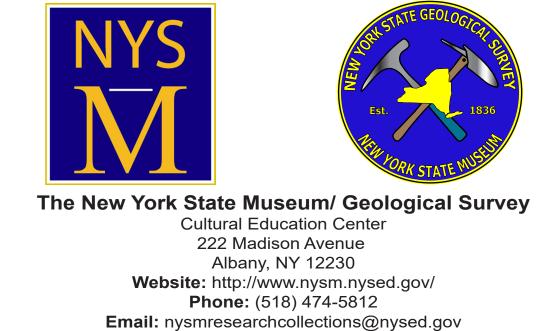
Non-glacially derived, hard rock, pre-Pleistocene in age. May be covered up to a meter in diamicton, sand and gravel, or sand and clay



County Line







SURFICIAL AND SUBSURFACE GEOLOGY OF CAYUGA COUNTY, NEW YORK Andrew L. Kozlowski, Karl J. Backhaus and James R. Leone

SCALE1:100,000

Universal Transverse Mercator, Zone 18 N North American Datum of 1983

Shaded relief from Cayuga-Oswego 1-meter Lidar data sets (http://gis.ny.gov/elevation/index.cfm)

Magnetic declination from the NOAA online Declination Calculator: http://www.ngdc.noaa.gov/geomag-web/#declination

Digital data and cartography, K. Backhaus,

J. Leone and A. Kozlowski 2019 & 2020

UTM GRID AND 2016 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

New York State Geological Survey

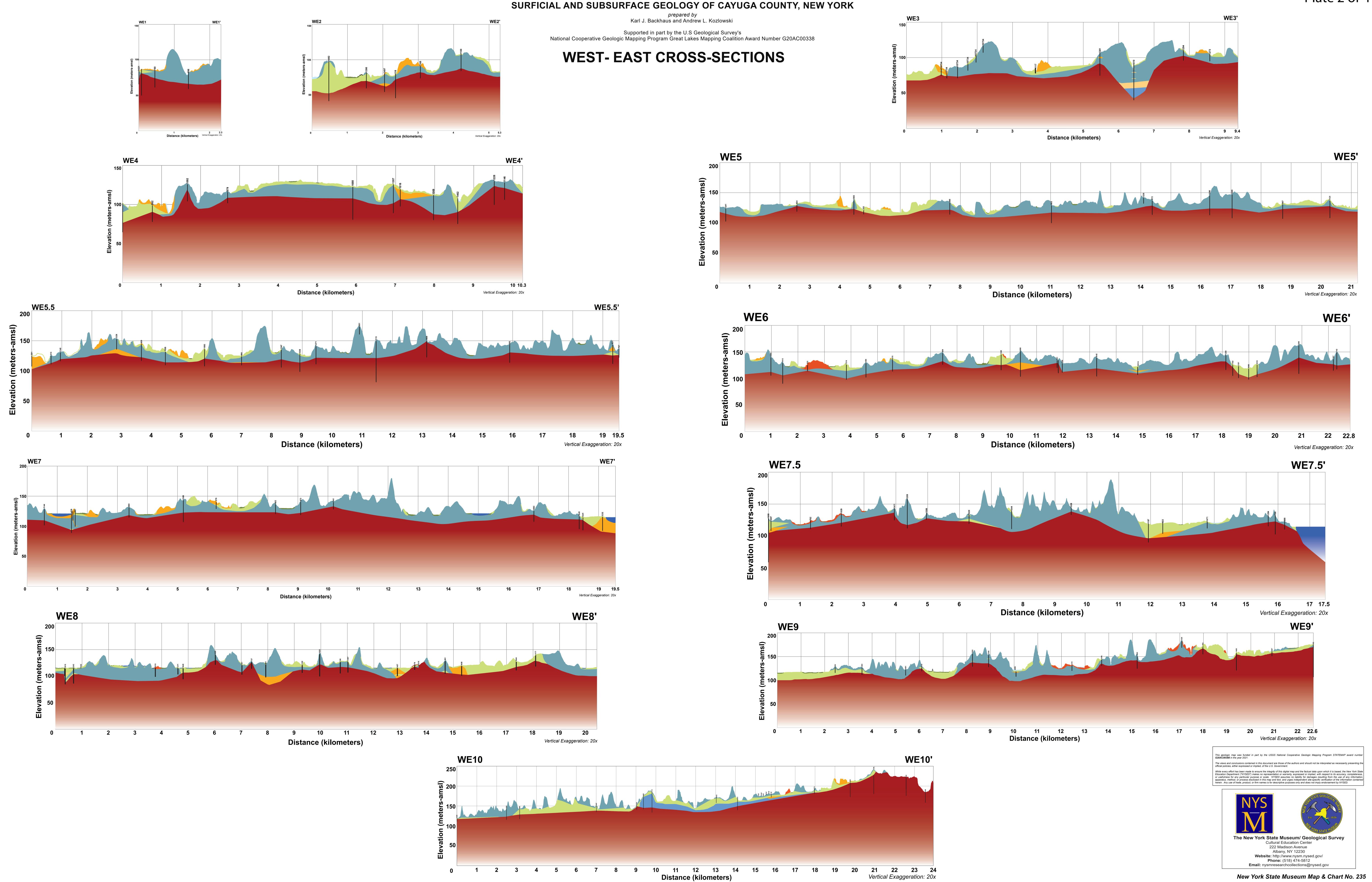
Dr. Andrew L. Kozlowski, Director

New York State Museum

Mark Schaming, Director

New York State Museum Map & Chart No. 235 ISSN:0097-3793 ; ISBN:978-1-55557-489-5

ISSN:0097-3793 ; ISBN:978-1-55557-489-5



### SURFICIAL AND SUBSURFACE GEOLOGY OF CAYUGA COUNTY, NEW YORK

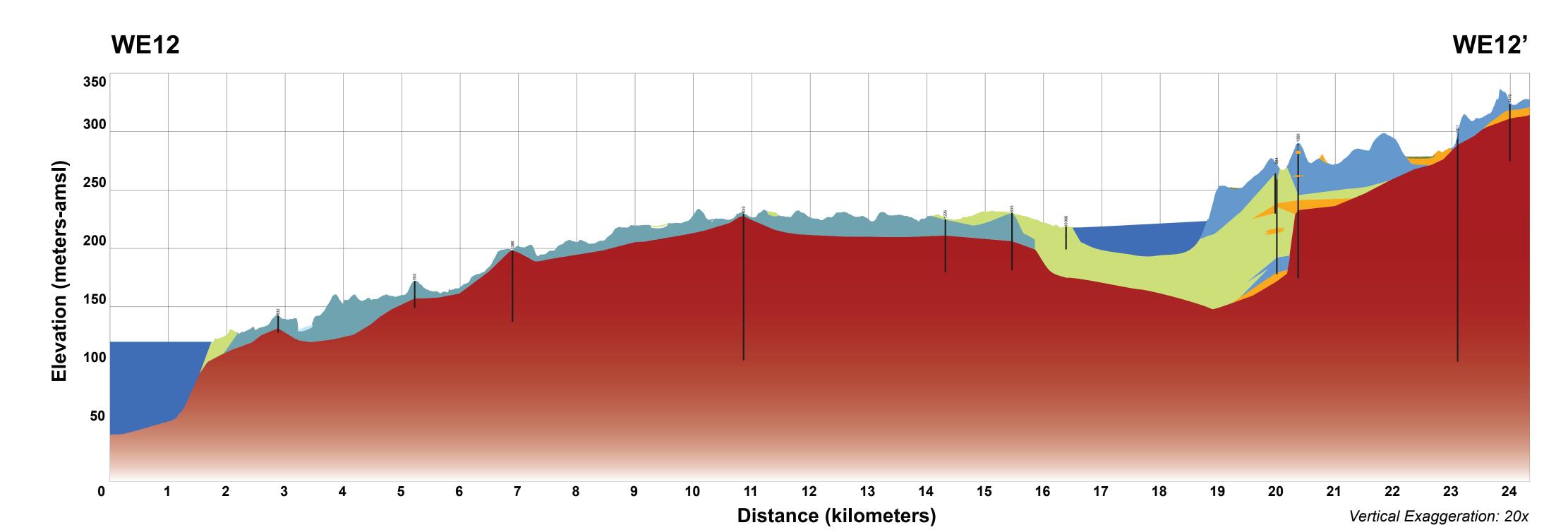
prepared by

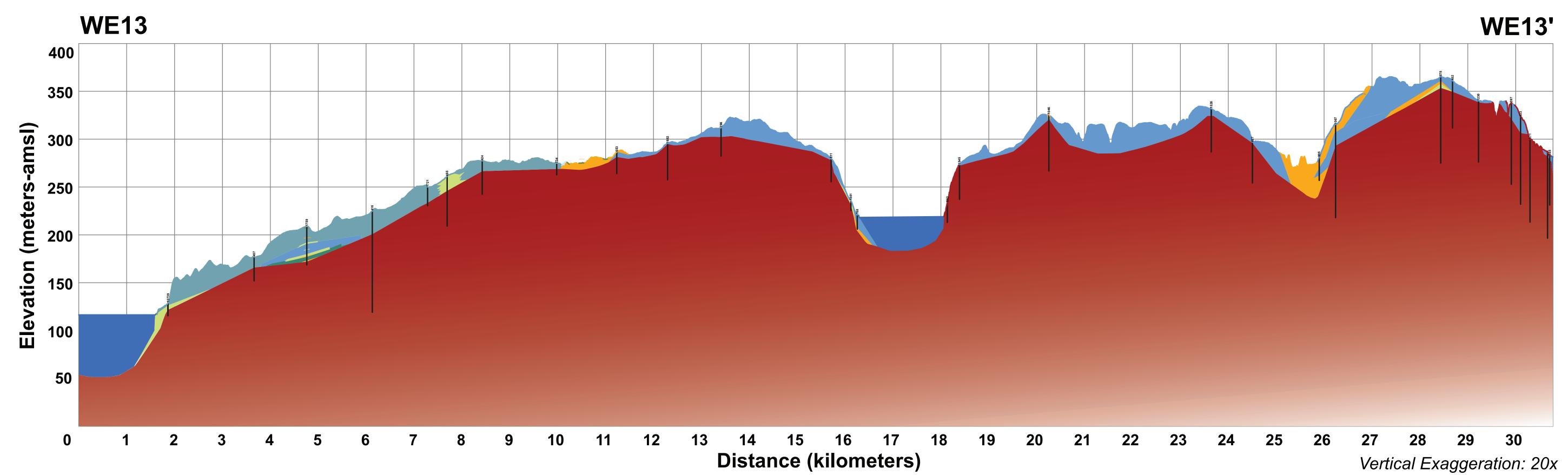
Karl J. Backhaus and Andrew L. Kozlowski

Supported in part by the U.S Geological Survey's

National Cooperative Geologic Mapping Program Great Lakes Mapping Coalition Award Number G20AC00338

**WEST-EAST CROSS-SECTIONS** 

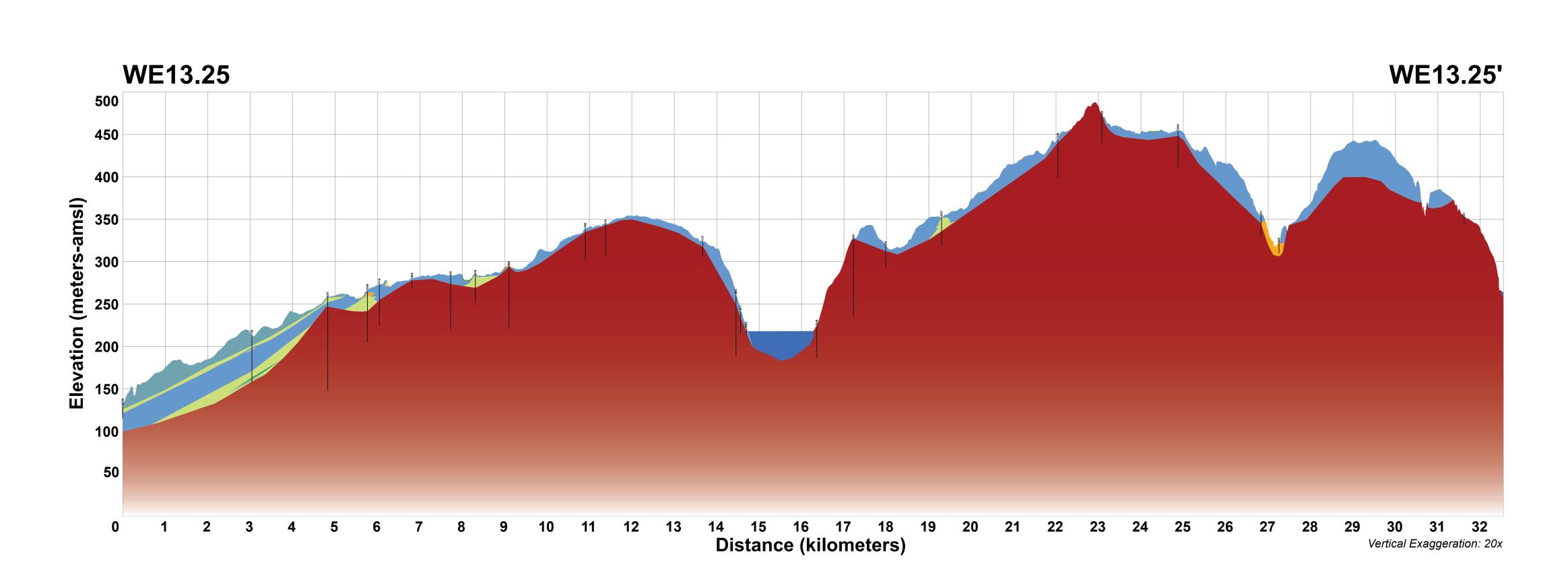


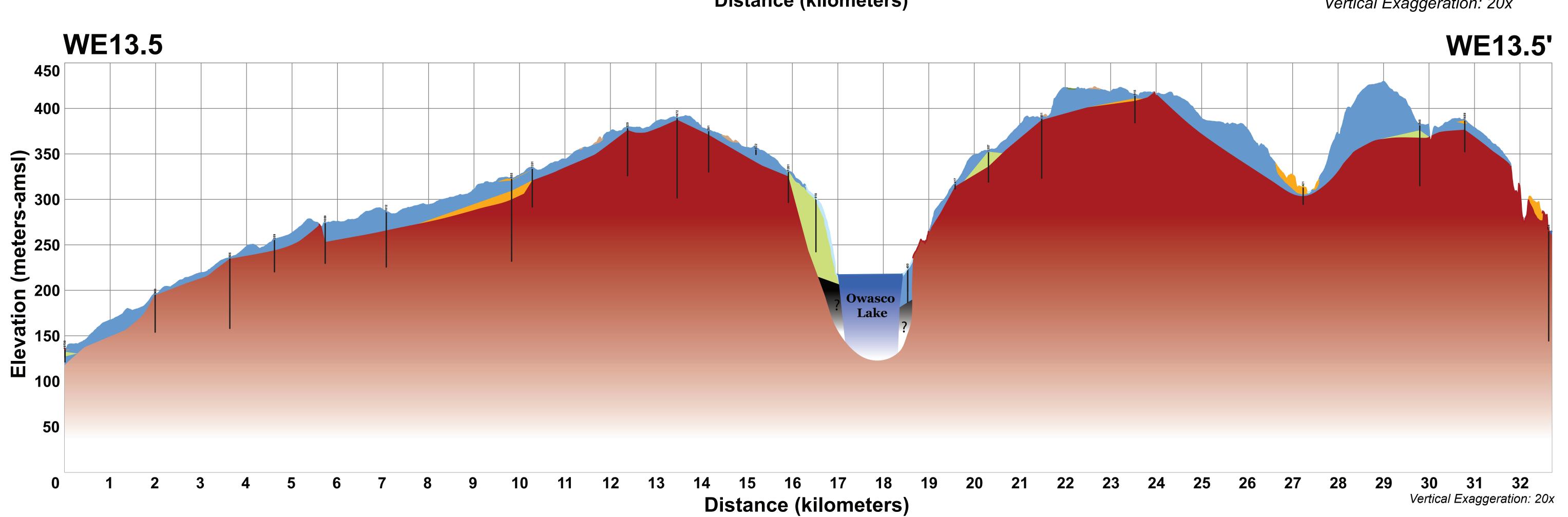


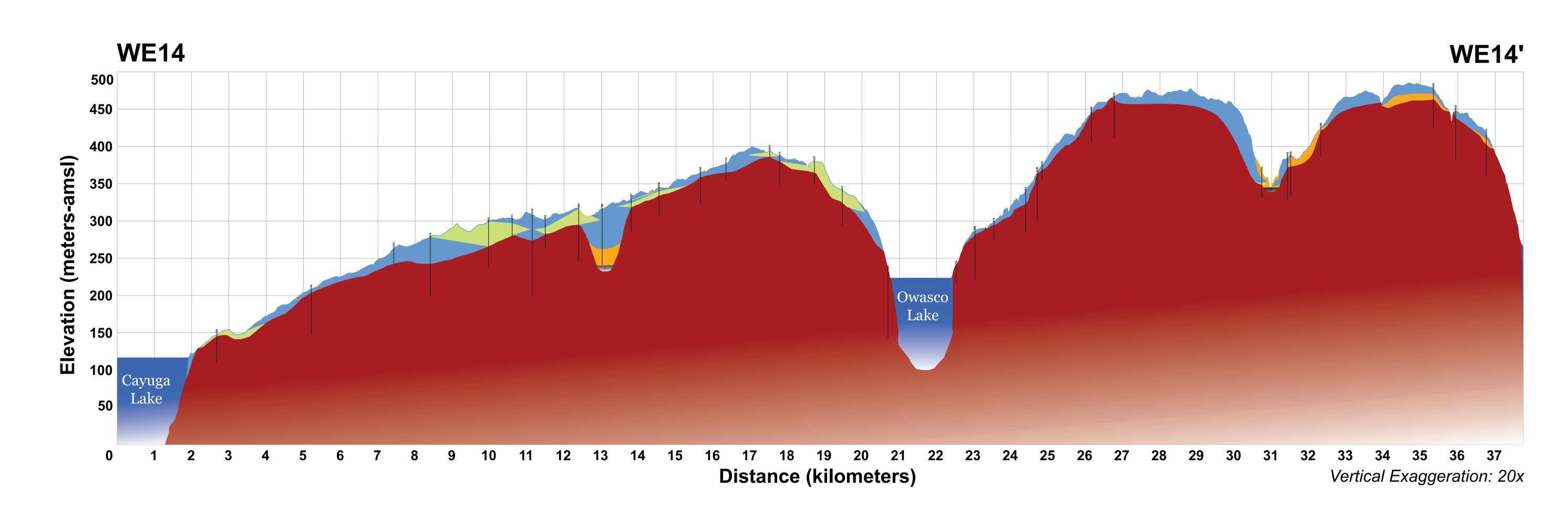
Vertical Exaggeration: 20x

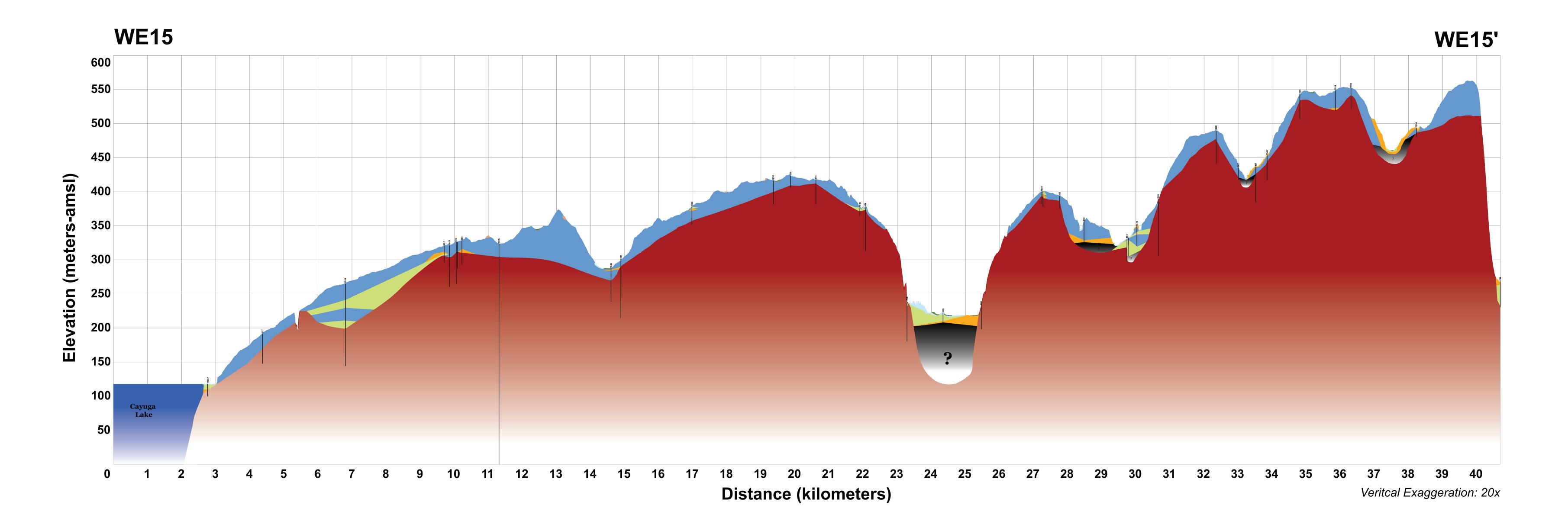
Distance (kilometers)

**WE11** 









This geologic map was funded in part by the USGS National Cooperative Geologic Mapping Program STATEMAP award number G20AC00388 in the year 2021.

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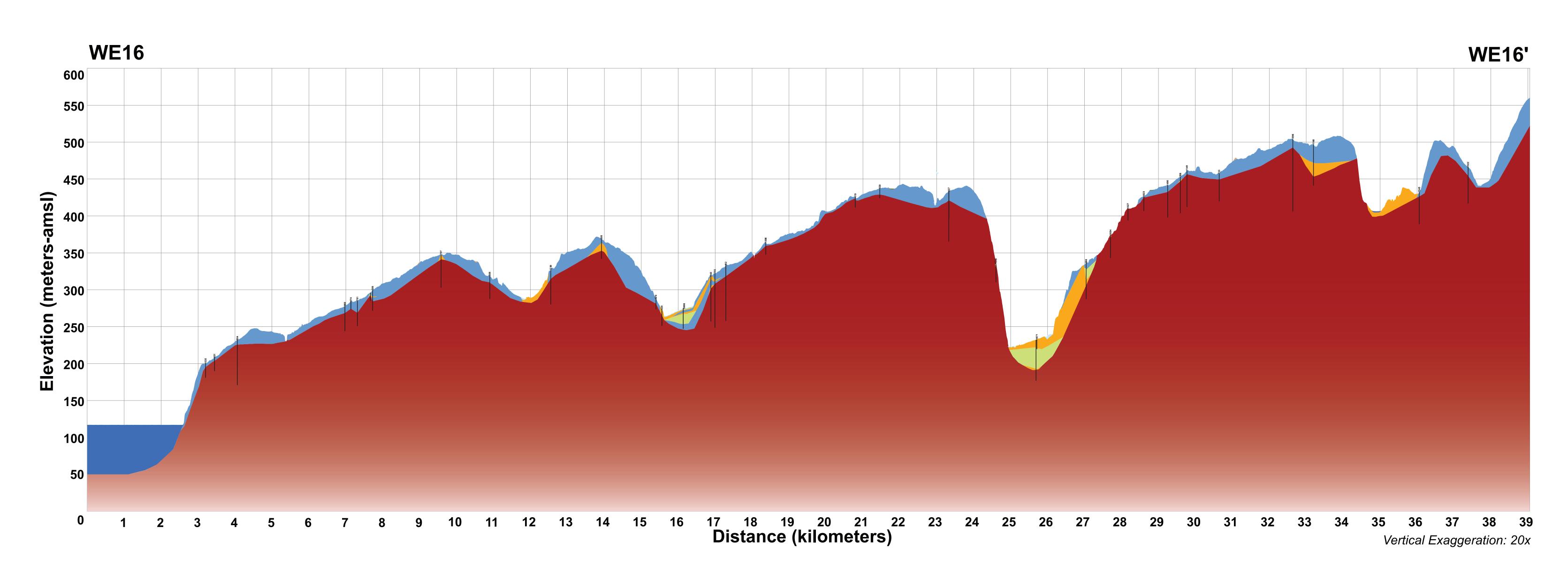


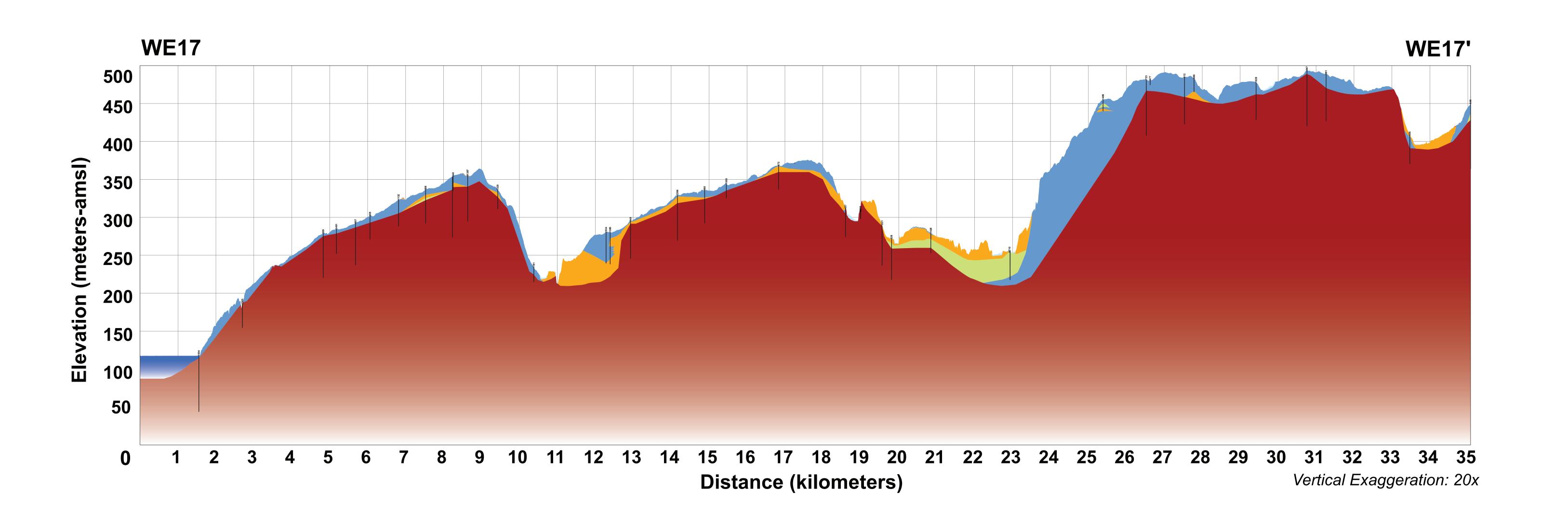
#### SURFICIAL AND SUBSURFACE GEOLOGY OF CAYUGA COUNTY, NEW YORK

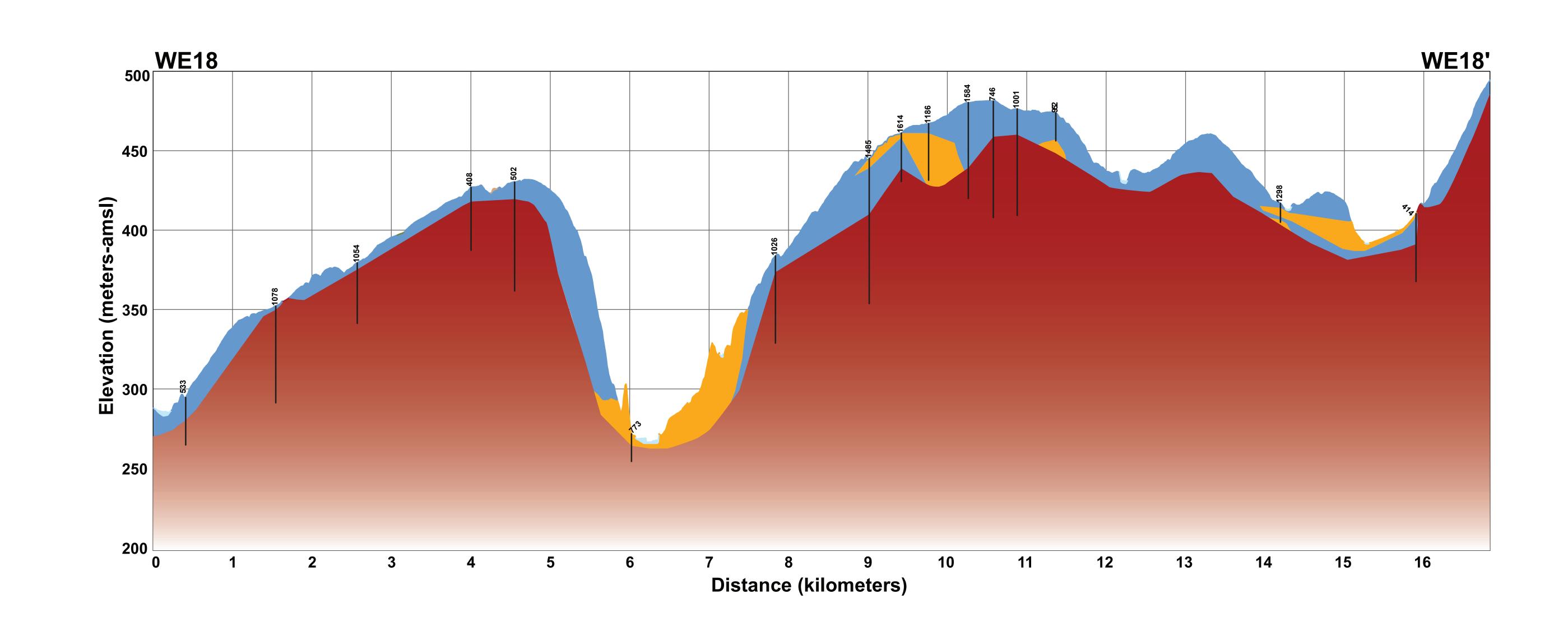
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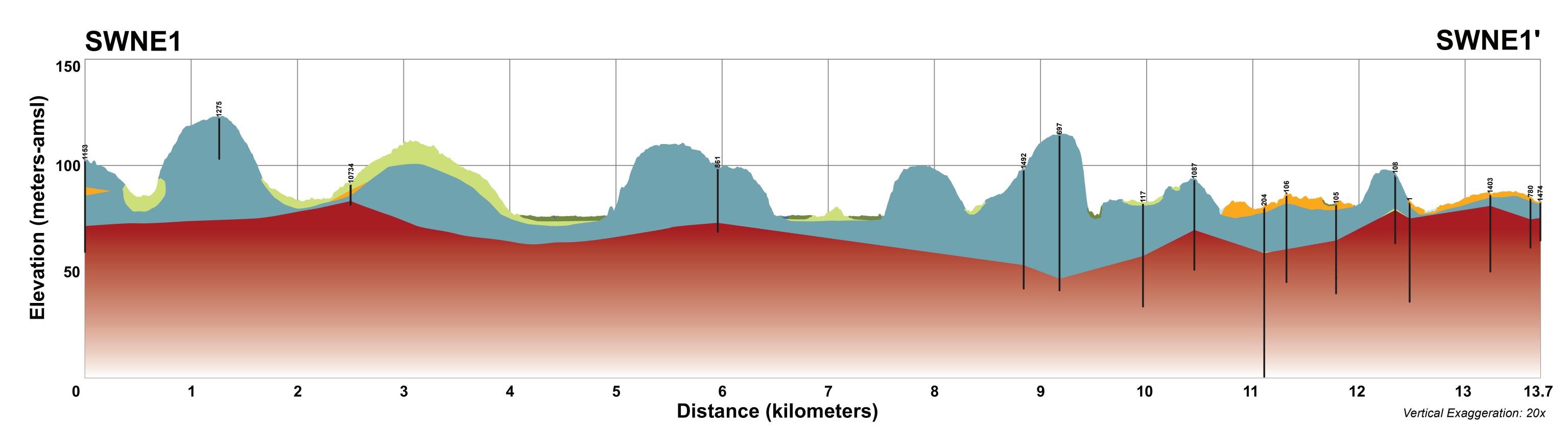
# WEST- EAST CROSS-SECTIONS







## SOUTHWEST- NORTHEAST CROSS-SECTION



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