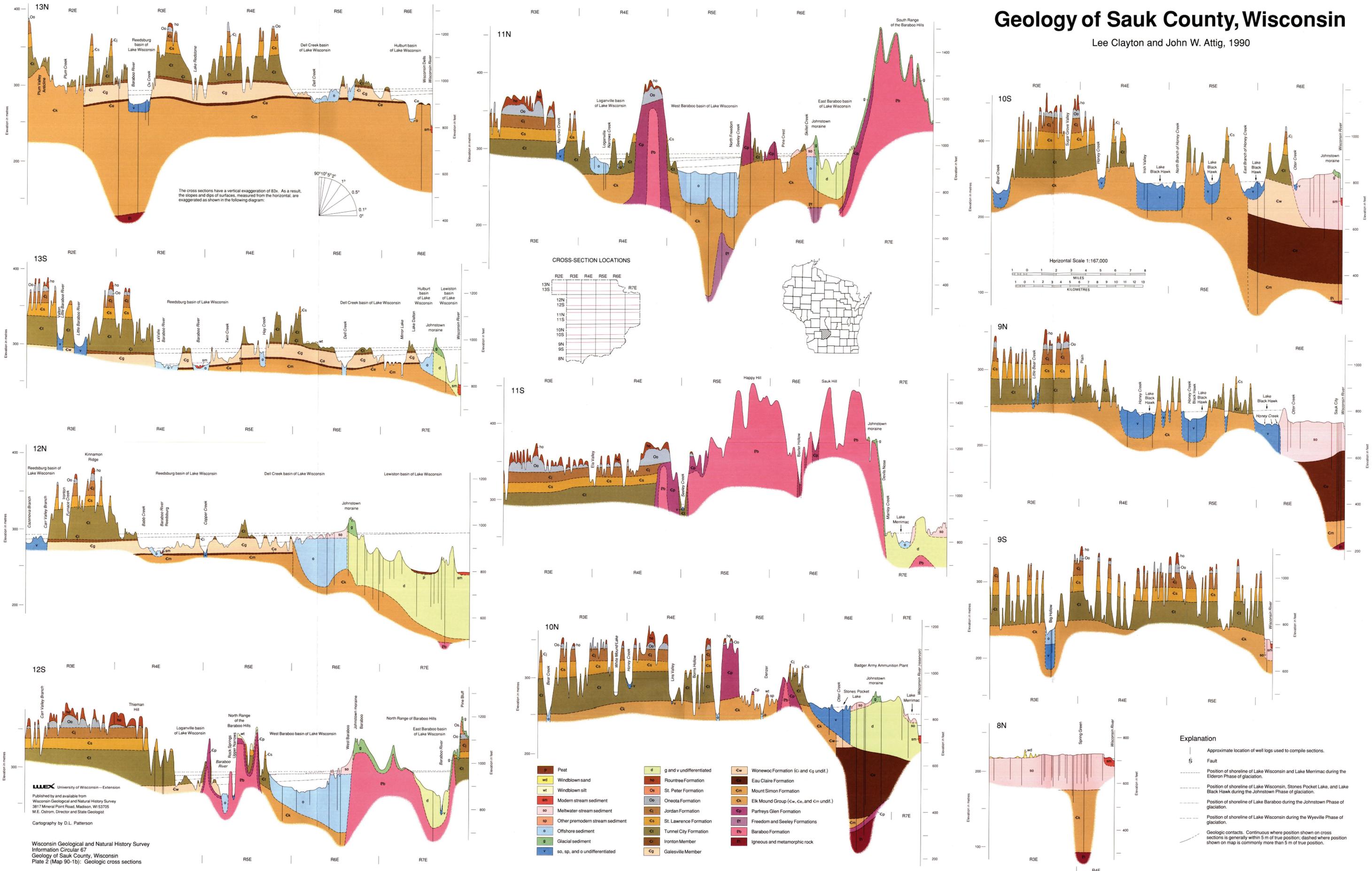
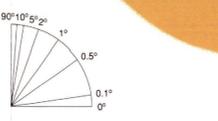


Geology of Sauk County, Wisconsin

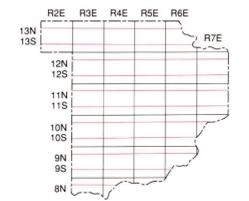
Lee Clayton and John W. Attig, 1990



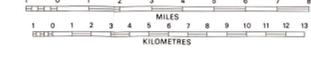
The cross sections have a vertical exaggeration of 83x. As a result, the slopes and dips of surfaces, measured from the horizontal, are exaggerated as shown in the following diagram:



CROSS-SECTION LOCATIONS



Horizontal Scale 1:167,000



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Information Circular 67
Geology of Sauk County, Wisconsin
Plate 2 (Map 90-1b): Geologic cross sections

- | | | |
|-----------------------------------|--------------------------|---|
| Peat | g and v undifferentiated | Wonewoc Formation (c1 and c2 undif.) |
| Windblown sand | Ploufret Formation | Eau Claire Formation |
| Windblown silt | St. Peter Formation | Mount Simon Formation |
| Modern stream sediment | Oneota Formation | Elk Mound Group (c1, c2, and c3 undif.) |
| Meltwater-stream sediment | Jordan Formation | Parfrey's Glen Formation |
| Other premodern stream sediment | St. Lawrence Formation | Freedom and Seeley Formations |
| Offshore sediment | Tunnel City Formation | Baraboo Formation |
| Glacial sediment | Ironston Member | Igneous and metamorphic rock |
| v, so, sp, and o undifferentiated | Galesville Member | |

- ### Explanation
- Approximate location of well logs used to compile sections.
 - Fault
 - Position of shoreline of Lake Wisconsin and Lake Merrimac during the Elderon Phase of glaciation.
 - Position of shoreline of Lake Wisconsin, Stones Pocket Lake, and Lake Black Hawk during the Johnstown Phase of glaciation.
 - Position of shoreline of Lake Baraboo during the Johnstown Phase of glaciation.
 - Position of shoreline of Lake Wisconsin during the Wyeville Phase of glaciation.
 - Geologic contacts. Continuous where position shown on cross sections is generally within 5 m of true position; dashed where position shown on map is commonly more than 5 m of true position.