



Geologic Map of West Virginia

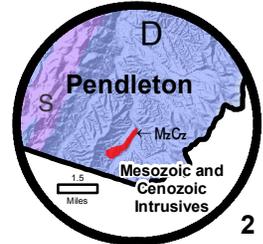
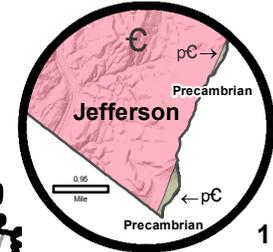
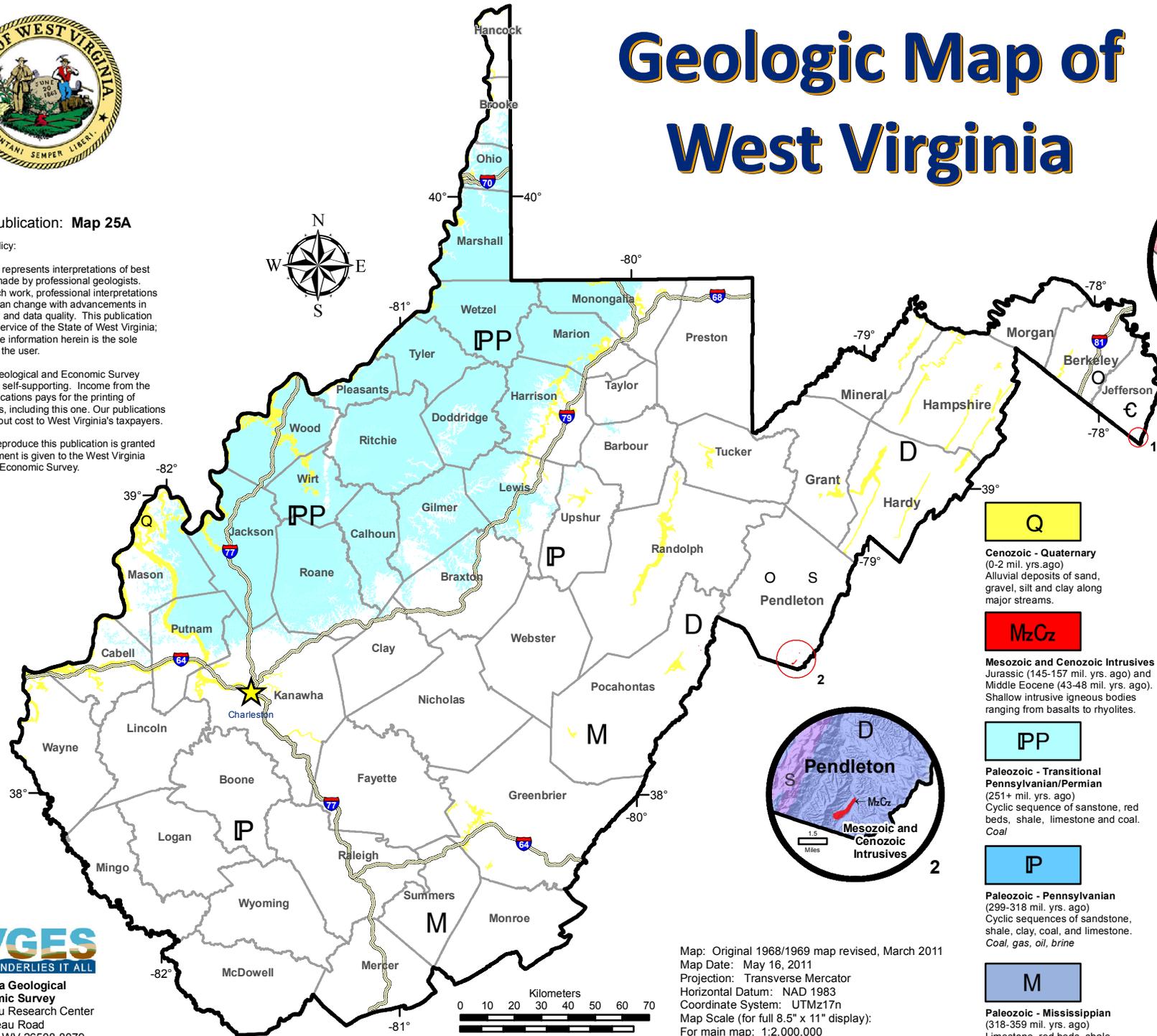
WVGES Publication: **Map 25A**

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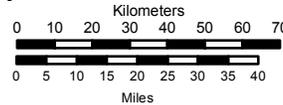
Legend: Era-Period

USGS Geologic Coloring Scheme

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| <p>Q</p> <p>Cenozoic - Quaternary (0-2 mil. yrs. ago) Alluvial deposits of sand, gravel, silt and clay along major streams.</p> <p>MzCz</p> <p>Mesozoic and Cenozoic Intrusives Jurassic (145-157 mil. yrs. ago) and Middle Eocene (43-48 mil. yrs. ago). Shallow intrusive igneous bodies ranging from basalts to rhyolites.</p> <p>PP</p> <p>Paleozoic - Transitional Pennsylvanian/Permian (251+ mil. yrs. ago) Cyclic sequence of sandstone, red beds, shale, limestone and coal. <i>Coal</i></p> <p>P</p> <p>Paleozoic - Pennsylvanian (299-318 mil. yrs. ago) Cyclic sequences of sandstone, shale, clay, coal, and limestone. <i>Coal, gas, oil, brine</i></p> <p>M</p> <p>Paleozoic - Mississippian (318-359 mil. yrs. ago) Limestone, red beds, shale, and sandstone. <i>Limestone, gas, oil, brine</i></p> | <p>D</p> <p>Paleozoic - Devonian (359-416 mil. yrs. ago) Redbeds, shale, sandstone, limestone, and chert. <i>Gas, silica sand, limestone</i></p> <p>S</p> <p>Paleozoic - Silurian (416-444 mil. yrs. ago) Sandstone, shale, limestone, rock salt, and ferruginous beds. <i>Gas, limestone, artificial brine</i></p> <p>O</p> <p>Paleozoic - Ordovician (444-488 mil. yrs. ago) Limestone, dolomite, sandstone, shale, and metabentonite. <i>Limestone (particularly low silica), building stone, clayshale</i></p> <p>€</p> <p>Paleozoic - Cambrian (488-542 mil. yrs. ago) Limestone and dolomite, some sandstone and shale.</p> <p>pC</p> <p>Precambrian (More than 542 mil. yrs. ago) Greenstone. Present only in extreme eastern Jefferson Co.</p> |
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Map: Original 1968/1969 map revised, March 2011
Map Date: May 16, 2011
Projection: Transverse Mercator
Horizontal Datum: NAD 1983
Coordinate System: UTMz17n
Map Scale (for full 8.5" x 11" display):
For main map: 1:2,000,000
For inset maps: Jefferson Co. 1:200,000
Pendleton Co. 1:500,000