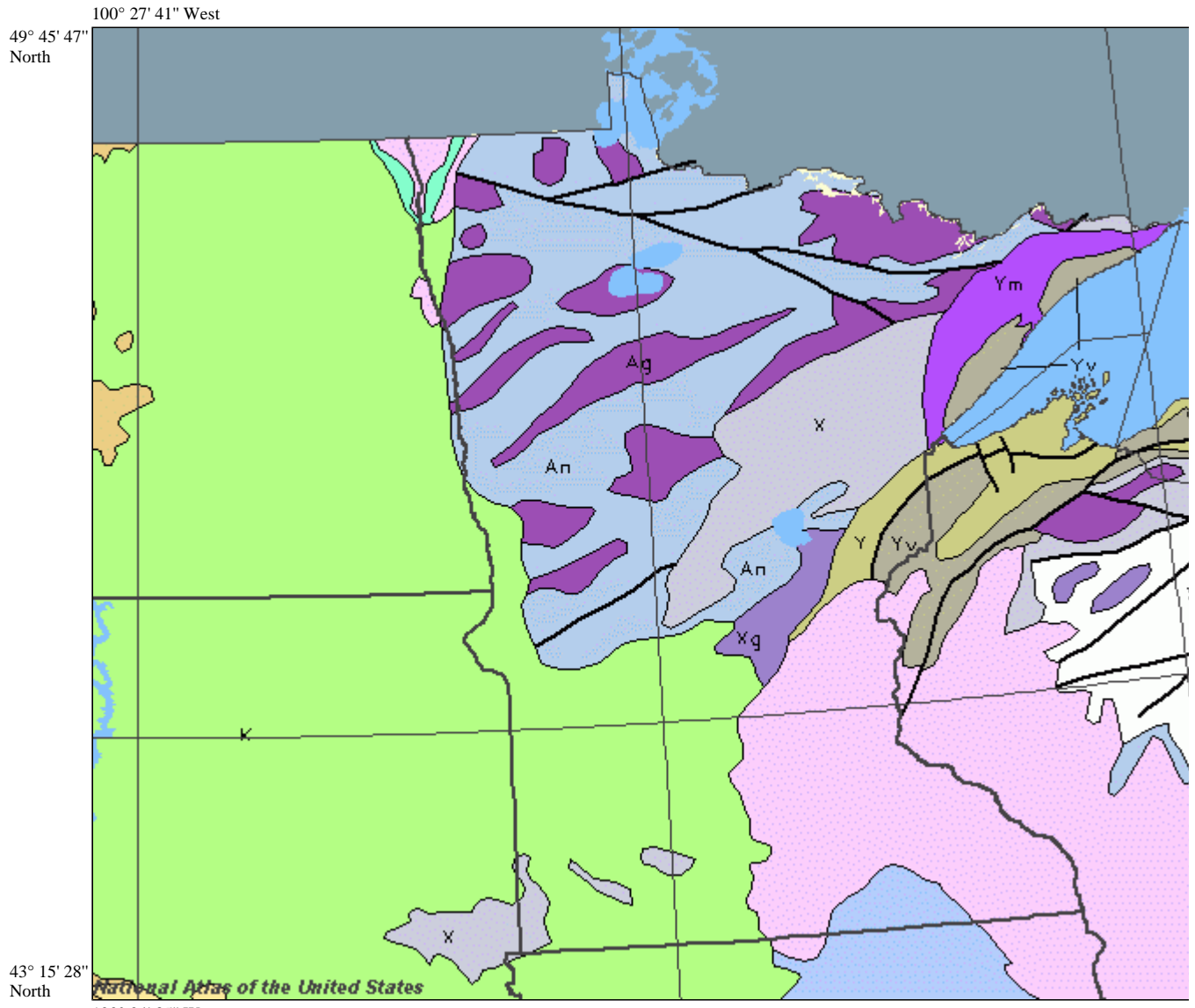


# Geologic Map



49° 45' 47"  
North

100° 27' 41" West

43° 15' 28"  
North

*National Atlas of the United States*

100° 24' 35" West  
Lambert Azimuthal Equal-Area  
Projection



Miles 25 50 75

### Sedimentary Rocks

(Includes mixed sedimentary and volcanic rocks)

Q	Quaternary
nT	Neogene
pgT	Paleogene
KT	Cretaceous and Tertiary
K	Cretaceous
M	Mesozoic
IM	Lower Mesozoic (Triassic and Jurassic)
P <sub>2</sub> M	Paleozoic and Mesozoic
P <sub>2</sub>	Paleozoic
uP <sub>2</sub>	Upper Paleozoic (Pennsylvanian and Permian)
mP <sub>2</sub>	Middle Paleozoic (Silurian, Devonian, and Mississippian)
lP <sub>2</sub>	Lower Paleozoic (Cambrian and Ordovician)
ZP <sub>2</sub>	Late Proterozoic and lower Paleozoic
E	Proterozoic
Z	Late Proterozoic
Y	Middle Proterozoic
X	Early Proterozoic
A	Archean

### Volcanic Rocks

Qv	Quaternary
Tv	Tertiary
nTv	Neogene
TQv	Tertiary and Quaternary
pgTv	Paleogene
KTv	Cretaceous and Tertiary
Mv	Mesozoic
Kv	Cretaceous
IMv	Lower Mesozoic (Triassic and Jurassic)
P <sub>2</sub> Mv	Paleozoic and Mesozoic
mP <sub>2</sub> v	Middle Paleozoic
P <sub>2</sub> v	Paleozoic
lP <sub>2</sub> v	Lower Paleozoic
ZP <sub>2</sub> v	Late Proterozoic and lower Paleozoic
Zv	Late Proterozoic
Yv	Middle Proterozoic
Xv	Early Proterozoic

### Plutonic Rocks

(Suffix "g" indicates granitic rocks; "i," intermediate rocks; "m," mafic rocks; "u," ultramafic rocks; "a," anorthosite)

Tg	Tertiary
nTg	Neogene
pgTg	Paleogene
pgTi	Paleogene
pgTm	Paleogene
KTg	Cretaceous and Tertiary
Kg	Cretaceous
Mg	Mesozoic