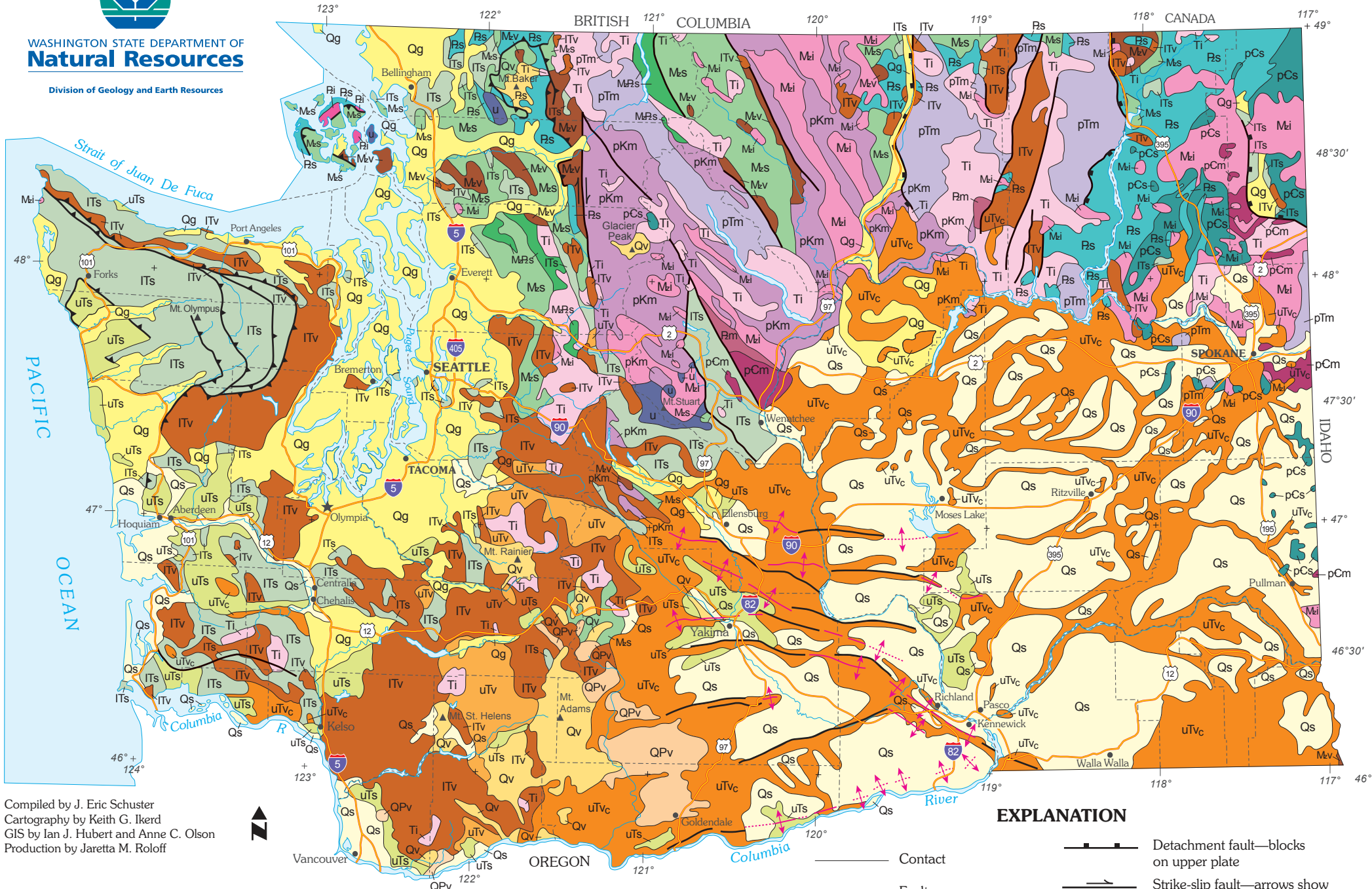




WASHINGTON STATE DEPARTMENT OF
Natural Resources

Division of Geology and Earth Resources

GEOLOGIC MAP OF WASHINGTON



GEOLOGIC UNITS

Unconsolidated Deposits

- Qs** Quaternary sediments, dominantly nonglacial; includes alluvium and volcaniclastic, glacial outburst flood, eolian, landslide, and coastal deposits
- Qg** Quaternary sediments, dominantly glacial drift; includes alluvium

Sedimentary Rocks

- uTs** Upper Tertiary (Pliocene–Miocene)
- ITs** Lower Tertiary (Oligocene–Paleocene)
- Ms** Mesozoic
- MRs** Mesozoic–Paleozoic
- Ps** Paleozoic
- pCs** Precambrian

Volcanic Rocks

- Qv** Quaternary
- QPv** Quaternary–Pliocene
- uTv** Upper Tertiary (Pliocene–Miocene)
- uTv_c** Columbia River Basalt Group
- ITv** Lower Tertiary (Oligocene–Paleocene)
- Mv** Mesozoic

Intrusive Igneous Rocks

- Ti** Tertiary
- Mi** Mesozoic
- Pi** Paleozoic

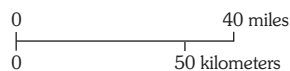
Metamorphic Rocks

- pTm** Pre-Tertiary
- pKm** Pre-Cretaceous
- Pm** Paleozoic
- pCm** Precambrian
- u** Ultramafic rocks

Note: Some pre-Tertiary sedimentary and volcanic rock units include low-grade metamorphic rocks. Ages assigned to metamorphic rocks are protolith ages.

EXPLANATION

- Contact
- Fault
- Thrust fault—sawteeth on upper plate
- Detachment fault—blocks on upper plate
- Strike-slip fault—arrows show relative movement
- Anticline—dotted where concealed



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