



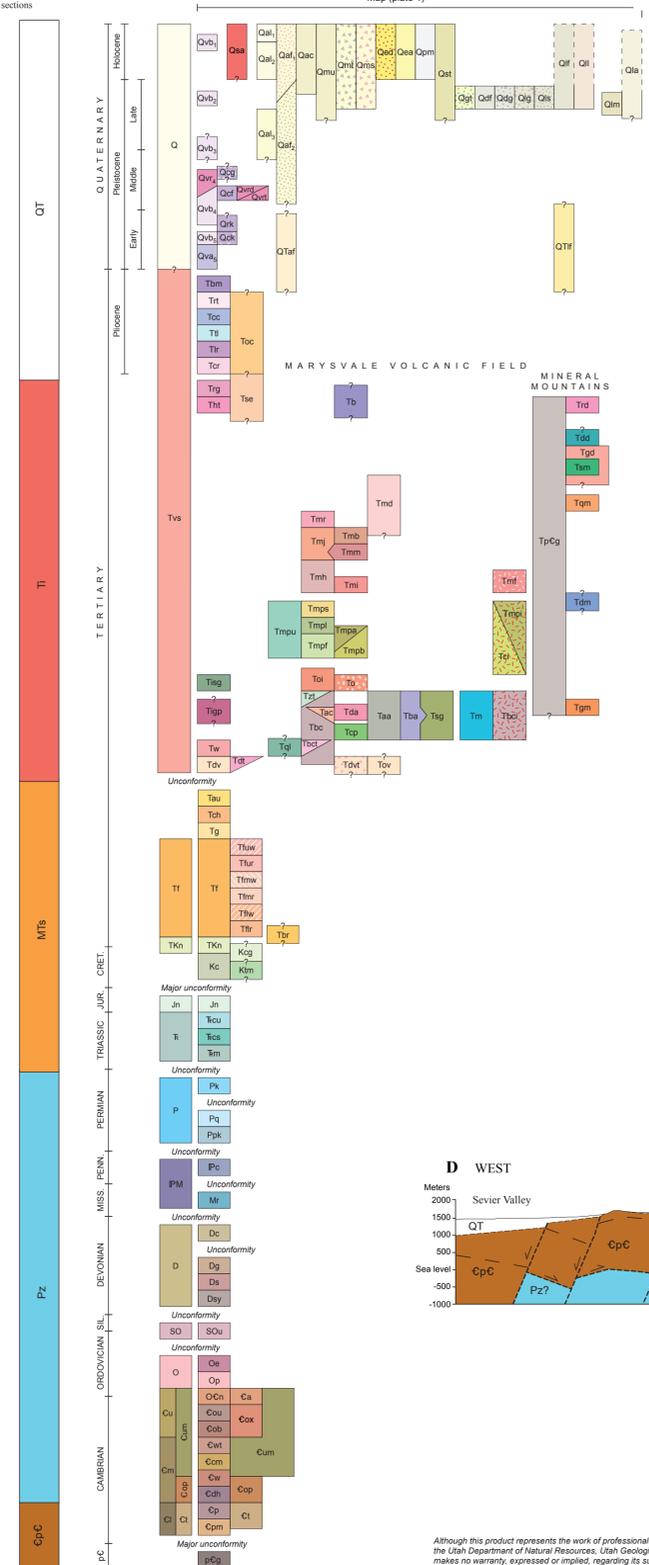
Hydrostratigraphic units  
shown on cross sections

CORRELATION OF GEOLOGIC UNITS

EXPLANATION

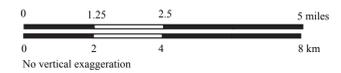
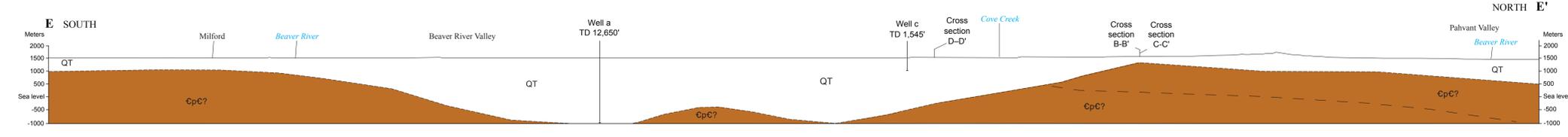
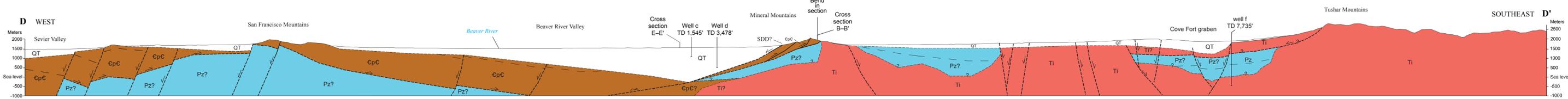
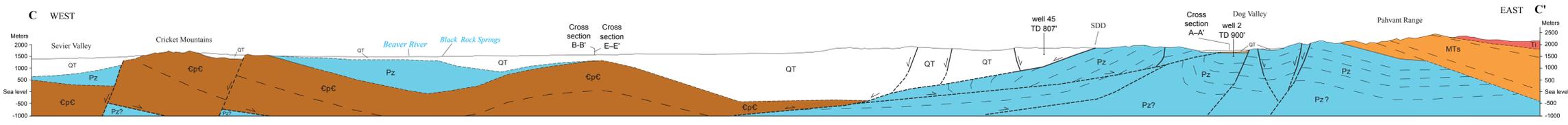
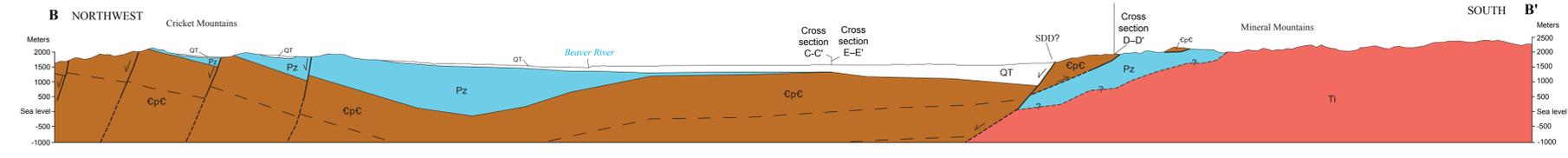
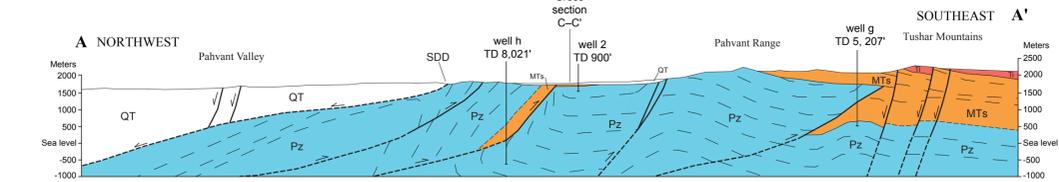
SYMBOLS

SOURCES USED TO CONSTRUCT CROSS SECTIONS



- EXPLANATION**
- QT High to moderate-permeability Quaternary and Tertiary basin fill; includes sedimentary basin fill and volcanics
  - TI Low-permeability Tertiary plutonic and volcanic rocks; includes igneous rocks of the Mineral Mountain and Tushar Mountains and rocks associated with Marysvalde volcanic field
  - MTs Moderate-permeability Mesozoic and early Tertiary sedimentary rocks; includes sandstone, mudstone, shale, and minor carbonate
  - Pz Moderate to high-permeability Paleozoic carbonates; includes limestone, dolomite, also includes minor sandstone, siltstone, and shale
  - CpC Low-permeability Precambrian and Lower Cambrian rocks; includes quartzite, phyllite, shale, and minor limestone; also includes Precambrian metamorphic rocks
- SYMBOLS**
- Fault; dashed where approximately located; arrow gives relative slip direction
  - Contact; dashed where approximately located
  - Well; ID corresponds with tables A.1 and A.2; TD is total depth
  - SDD Sevier Desert detachment (see discussion in text under "cross sections")

- SOURCES USED TO CONSTRUCT CROSS SECTIONS**
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  - Hintze, L.H., and Davis, F.D., 2003. The geology of Millard County, Utah: Utah Geological Survey Bulletin 133, 305 p.
  - Hintze, L.H., Davis, F.D., Rowley, P.D., Cunningham, C.G., Steven, T.A., and Willis, G.C., 2003. Geologic map of the Richfield 30' x 60' quadrangle, southeast Millard County, and parts of Beaver, Piute, and Sevier Counties, Utah: Utah Geological Survey Map 195, 2 plates, scale 1:100,000.
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