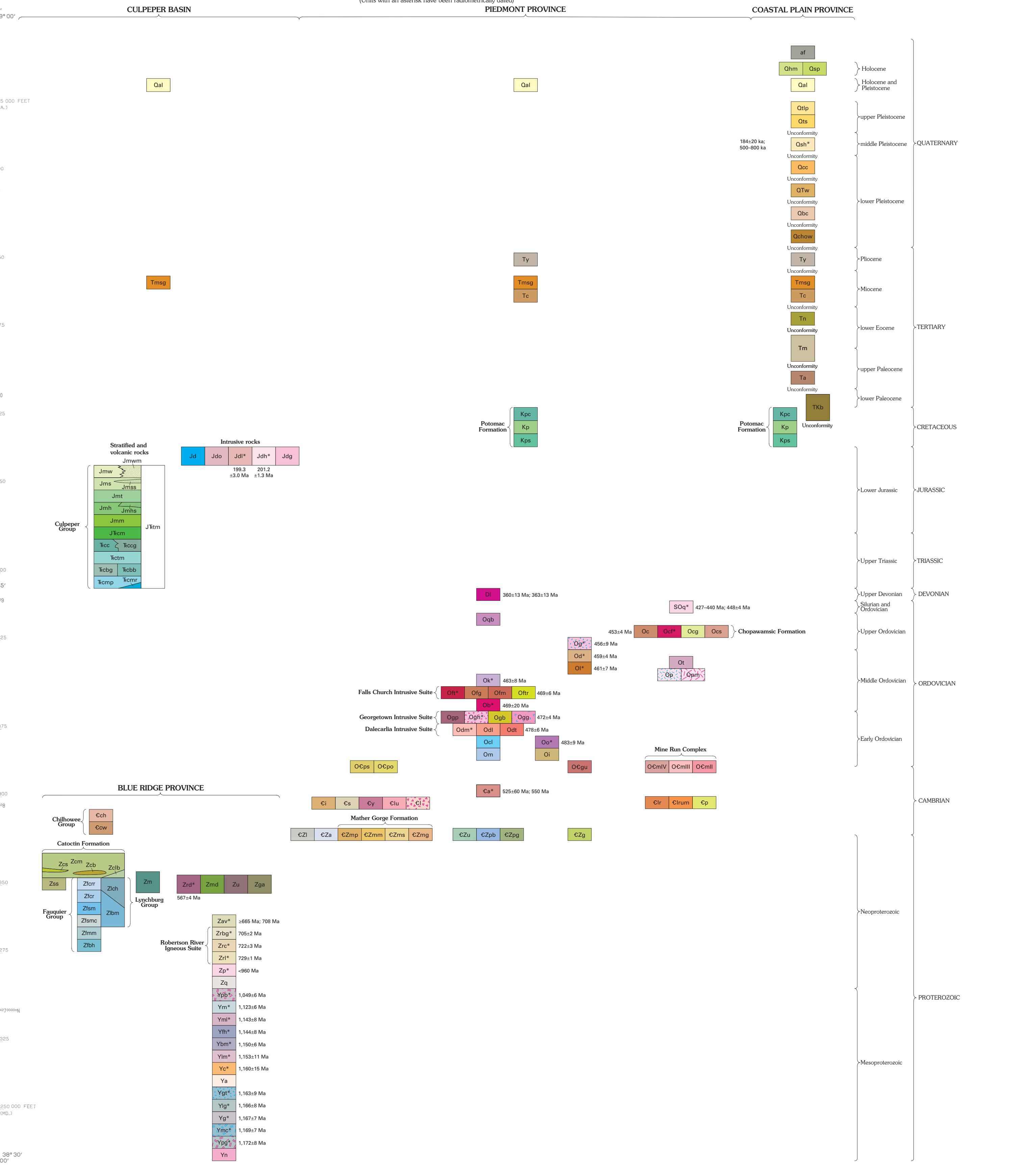
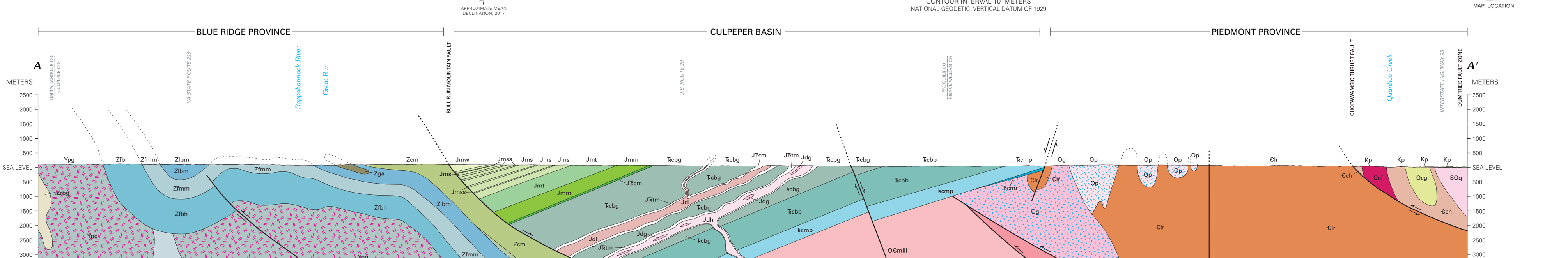
U.S. Department of the Interior
U.S. Geological Survey

Open-File Report 2017–1142

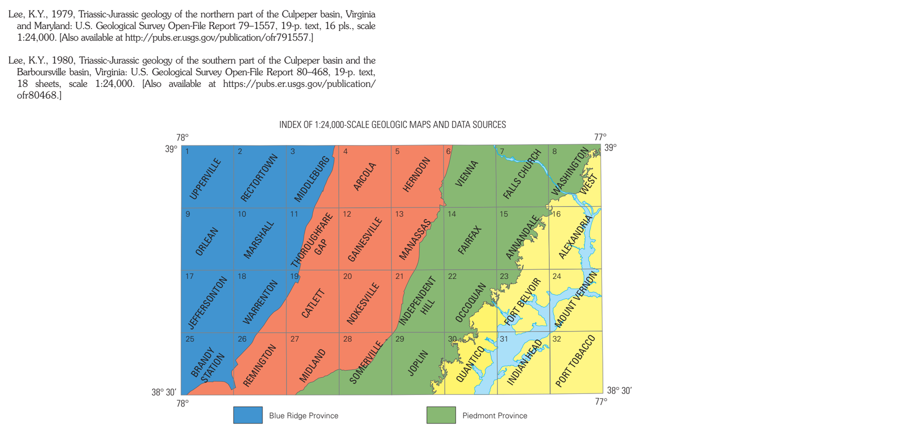




DESCRIPTION OF MAP UNITS

REFERENCES CITED

EXPLANATION OF MAP SYMBOLS



Marble (Neoproterozoic)—Gray- to buff- to white-weathering, medium- to fine-grained, white calcitic and dolomitic marble. Locally, contains thin beds of siltstone. Found both in the upper part of the Lynchburg Group (Zlbm, Ball Mountain Formation) and Fauquier Group (Zfcrr) metasedimentary rocks as well as the Catoctin Formation (Zcm)

Swift Run Formation (Neoproterozoic)—Fine-grained, greenish-gray to light-olive-gray, sericite-chlorite phyllite interbedded with lesser yellowish-brown meta-arkose, containing lenses and clasts of quartz and dark-gray mudstone. Rare thin layers of purple slate are locally present. The unit occurs in several discontinuous outcrops in the northwest corner of the map area in the Upperville 7.5-minute quadrangle. The base is an unconformity on a variety of Mesoproterozoic gneisses. The unit grades laterally and upwards into the Catoctin Formation

Geologic Map of the Washington West 30′ × 60′ Quadrangle, Maryland, Virginia, and Washington D.C.

By

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