



EXPLANATION

Generalized description of lithologic patterns used on columns. See individual columns for details of composition, lithologic diversity, or formation names. Isotopic age determinations (in Ma) on left side of column; linear time scale on right. See "Preface" in text for further explanation.

Sedimentary rocks and deposits

- Alluvium
- Limestone
- Evaporite. May locally contain gypsum, halite, or celestine
- Claystone, mudstone, and siltstone
- Sandstone
- Sandstone and conglomerate
- Conglomerate and sandstone
- Conglomerate
- Breccia, debris-flow deposits
- Tuffaceous sedimentary rocks

Volcanic rocks and deposits

- Chiefly lava flows and domes**
- Basalt and basaltic andesite. May locally contain trachyte
- Andesite and dacite
- Rhyodacite and rhyolite

Chiefly volcanoclastic rocks

- Ash-flow tuff
- Tuff and tuffaceous rocks
- Breccia
- Unconformable contact—Queried where uncertain
- Section of uncertain rock type or covered interval
- Unit thickness, in meters

STRATIGRAPHIC COLUMNS FROM NORTHERN PART OF STUDY AREA: NORTH OF I-40
TERTIARY STRATIGRAPHY OF HIGHLY EXTENDED TERRANES, CALIFORNIA, ARIZONA, AND NEVADA

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