GEOLOGIC MAP OF THE MT. VACA 7.5' QUADRANGLE
SOLANO, NAPA, AND YOLO COUNTIES, CALIFORNIA:
A DIGITAL DATABASE

DESCRIPTION OF MAP UNITS

- Basal sandstone member (Ensifer) - Massive to thick-bedded, sandstone with minor siltstone. Contains thin beds of conglomerate.
- Upper member (Ensifer) - Contains thin beds of conglomerate.
- Putah Tuff member (Pliocene) - White, clean, mica- and quartz-rich, cross-bedded sandstone.
- Great Valley Sequence - Middle member - consists of moderately to well-sorted sand, gravel, silt, and clay.
- Nortonville Shale Member of the Kreyenhagen Formation (Eocene) - Bluish-gray, fine- to medium-grained, lithic sandstone, tuffaceous sandstone, and siltstone. Contains discontinuous beds of conglomerate.
- Forbes Formation (Late Cretaceous) - Basal sandstone member - thick-bedded to massive sandstone grading upward into siltstone and claystone of continental origin. Gravels dominated by well-rounded clasts of andesite. Unit contains arkose commonly containing fossil foraminifera. Shales and mudstones are locally glauconitic. In the upper part, laminated shaly siltstone and concretionary shale, brown mudstone, micaceous lithic sandstone and siltstone, and siltstone with minor shale. Contains thin beds of conglomerate.

CORRELATION OF MAP UNITS

- Tertiary - Geologic time period.
- Cenozoic - Geologic time period.
- Miocene - Geologic time period.
- Pliocene - Geologic time period.
- Pleistocene - Geologic time period.
- Pliocene - Geologic time period.
- Miocene - Geologic time period.
- Eocene - Geologic time period.
- Tertiary - Geologic time period.

References:


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