EXPLANATION

QUATERNARY

Qa | Qf | Qt | Qls

Alluvium
Qa Stream gravel, sand and intermontane fill
Qf Alluvial fan deposits
Qt Talus
Qls Landslide

Qoa

Older alluvium
Gravel and sand of older dissected fans

TERTIARY

Tb

Basalt and olivine basalt
One or more flows of olivine basalt. In places scoraceous.

Tba

Basalt, olivine basalt and basaltic andesite. As many as 18 flows of basalt types. Some platy, some massive some slightly scoraceous.

Ts

Siltstone, sandstone and conglomerate. Locally includes basalt and andesitic-basalt flows. (Tba)

Tc

Caetano (?) Tuff
Crystal rich, quartz, sanidine, plagioclase and biotite bearing welded tuff. K-Ar age 33.6 ± 1.2 m.y.

PENNSYLVANIAN and PERMIAN

PPap

Antler Peak Limestone
medium to dark gray thin-bedded to massive limestone.

DEVONIAN

Ds

Slaven Chert
Thin bedded black chert

SILLURIAN

Se

Elder Sandstone
Light gray sandstone, light and dark gray shale and black chert.

ORDOVICIAN

Ov

Valmy Formation
Black chert, dark shale and light and dark gray quartzite.

Contact
Dashed where approximately located
dotted where concealed.

U
D

Fault
Dashed where approximately located
dotted where concealed. D on downthrown side, U on upthrown side

Thrust fault
Dashed where approximately located, dotted where concealed, saw teeth on upper plate

Fault scarp
Dashed where approximately located.
Hachures on downthrown side.

25
Strike and dip of beds.

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