Geologic Map of the Sleeping Beauty Area, Southern Cady Mountains

Geology by Allen F. Glazner

Legend

- Qal — Quaternary alluvium
- Qsd — Quaternary sand dunes
- QTf — Tertiary and Quaternary fanglomerate
- Thc — Tertiary Hector Formation conglomerate
- Ths — Tertiary Hector Formation siltstone
- Thl — Tertiary Hector Formation limestone
- Tp — Tertiary Peach Springs Tuff
- Td — Tertiary Cady Mtns. dacite
- Tas — Tertiary Formation of Argos Station sandstone
- Tat — Tertiary Formation of Argos Station tuff
- Tab — Tertiary Formation of Argos Station basalt
- Ts — Tertiary Formation of Sleeping Beauty Ridge dacite
- Mg — Mesozoic granitoids

Depostional/Intrusive

- Known
- Approximate
- Inferred

Faults

- Known
- Approximate
- Inferred
- Limits of area affected by strong K metasomatism

Folds

- Known
- Approximate
- Inferred

Structural Symbols

- Strike and dip of sedimentary bedding
- Strike and dip of horizontal sedimentary bedding
- Strike and dip of bedding of volcanic unit
- Eutaxitic foliation in ash flow tuff
- Dip of fault surface
- Anticline
- Syncline
- Sample locations
- Mine workings

Topography from United States Geological Survey
Broadwell Lake, Lavic Lake, Ludlow, and Sleeping Beauty 7.5 Minute Quadrangles

0 km 0.5 km 1.0 km 2.0 km 3.0 km

34°50' 116°17'30"
34°50' 116°15'
34°47'30" 116°20'
34°47'30" 116°12'30"
34°45' 116°17'30"
34°45' 116°15'