Sno

Epithermal Au-Ag, Northern Nevada Rift-Carlin Trend, Nevada

Overview

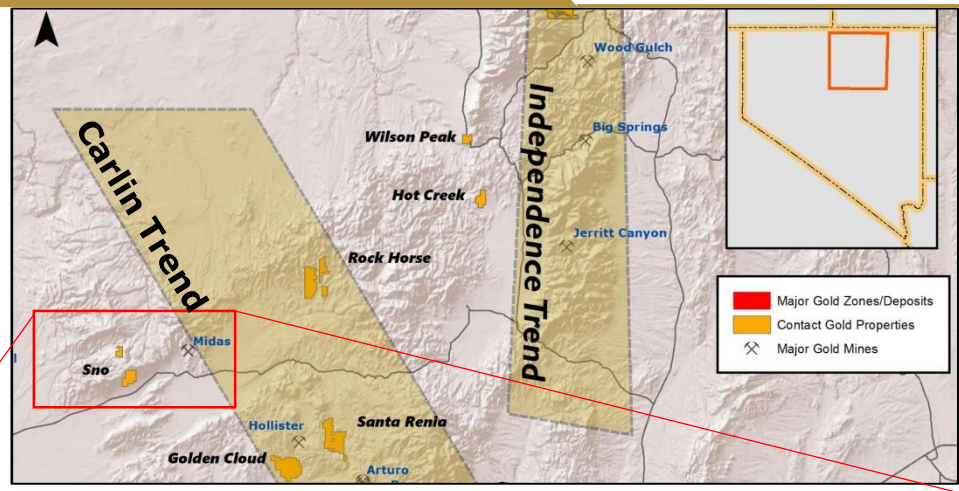
- Target consists of Miocene-aged low sulfidation epithermal Au-Ag veins and disseminated mineralization related to bimodal volcanism of the Northern Nevada Rift (NNR).
- Unexplored since ~2000

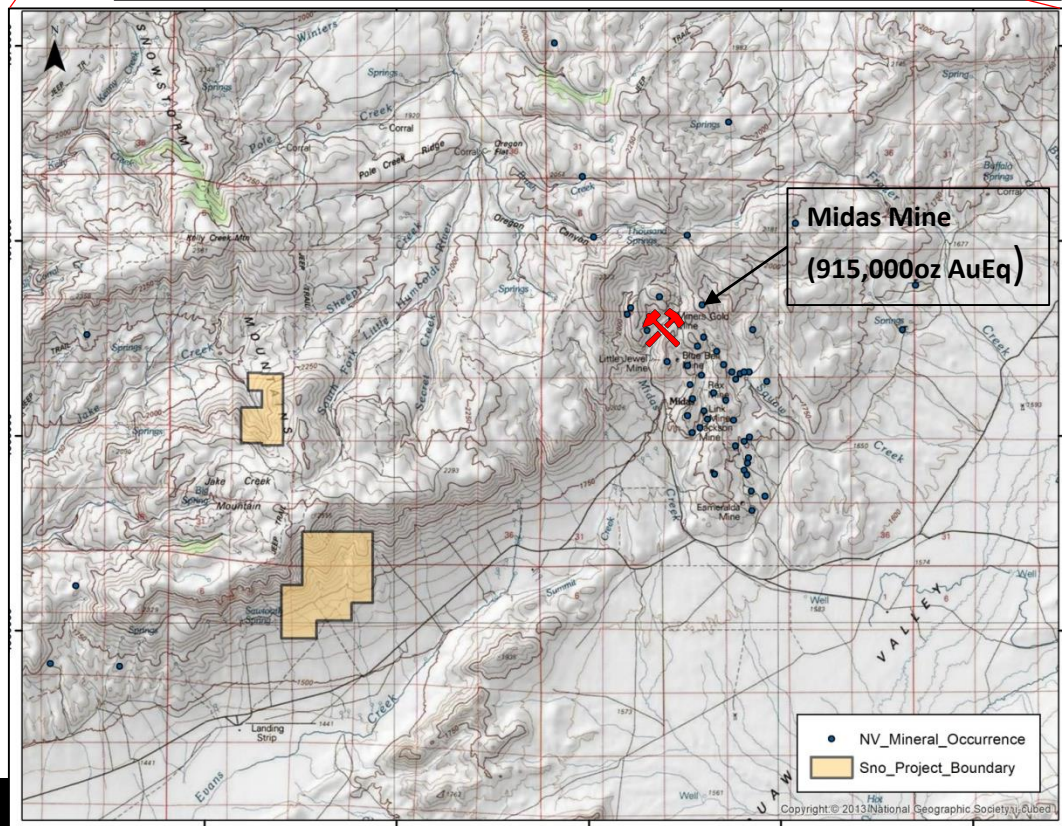
Details

- 78 unpatented lode claims
- 3% NSR to Waterton
- 11 km West of Midas Mine (915koz AuEq – Hecla)
- Excellent access via NV State Highway 18

Data

- Sno claim block is within the USGS Jake Creek Mountain quad 24k geologic map by Wallace in 1990.
- The geochronology for this area has been updated since publication by authors including Ellie Leavitt, who has published several papers on Miocene epithermal mineralization at Midas.
- There is no geochemical sampling data, but Allied Nevada references grab samples of discontinuous quartz-pyrite-calcite vein stockwork zones with up to 17.1 ppm Au from prospect pits
- Coarse-resolution USGS gravity and magnetic data covers the project area.





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Geology

- Extensive post mineral rhyolite flows overly a series of pre mineral basalt to andesite flows and tuffs, which are cut by basalt and rhyolite dikes
- Older volcanic units may be present below the mid-Miocene units, and Paleozoic sedimentary rocks lie at an unknown depth below the volcanics
- A NNW-striking normal fault traverses through both claim blocks, downdropping the eastern side of the property.
- A major NE-striking fault just south of Sno marks the northern boundary of the Midas trough
- Based on air photos and past exploration reports, several prominent altered areas are present on the southern claim block, and appear to occur within the lower basaltic andesites
- The stratigraphic position of these altered zones is similar to other occurrences in the Jake Creek and Kelly Creek Mountain areas, which usually occur below the capping rhyolites within the basalt/andesite package

Targets

- Midas/Mule Canyon/Fire Creek type vein targets occur where the NS striking NNR are intersected by NE striking cross faults
- Horizontal bulk tonnage targets are present where the veins intersected paleo water table and vesicular basalt flow tops as at Mule Canyon and beneath barren sinters as at Buckhorn
- Hollister type targets are present at the volcanic sedimentary interface at depth