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Item 3

GOLD BASIN DISTRICT

The Gold Basin district is located near the Churchill-Lander County line on the east side of the Desatoya Mountains about 65 km southwest of Austin in T16N, R48E. The workings consist of a few pits and trenches, a short adit (caved), and several shallow shafts. These workings are located north of Nevada Highway 2 and east of Carroll Summit.

Gold was discovered in the district in 1911, but the amount of gold found was relatively small, and the camp was almost deserted one year later. The recorded production is only about 100 tons of ore having a value of less than \$20,000 (Stager, 1977). The latest mining claims noted were staked in 1973; there was no activity at the time of examination.

The mineralization occurs in light gray, rhyolitic ash-flow tuffs of Miocene age. Minor silicification and argillization of the wallrock was observed in dump samples; iron- and manganese-oxide minerals are also found along fractures. Mineralization reportedly consists of thin quartz veins with gold, silver, and traces of copper and lead (Stager, 1977). No quartz vein matter was observed on dumps during this property examination, although a few samples of calcite with disseminated pyrite were observed.

Selected References:

- Stager, H. K. (1977) Mineral deposits, in Stewart, J. H. and McKee, E. H., Geology and mineral deposits of Lander County, Nevada: Nevada Bureau of Mines and Geology Bulletin 88.
- Schrader, F. C. (1947) Unpublished report on the Carson Sink Area, Nevada, U.S.G.S. Open-File, NBMG Files.

J. Tingley + P. Smith (1982) Mineral Inventory of  
Eureka-Shoshone Resource Area: NBMG ~~82-10~~ 83-3  
See also 83-4<sup>for</sup> geochemical results.