

2500 0015

PROPERTY NAME: Unnamed Prospect #2OTHER NAMES: Gold in rhyolite; Vernal ClaimsMINERAL COMMODITY(IES): AuTYPE OF DEPOSIT: Epithermal, fissure veinsACCESSIBILITY: Unimproved dirt jeep trailOWNERSHIP: Lyle Campbell, P.O. Box 7377 Reno, NV 89510Unpatented claims (vernal group) 21 Mar 81PRODUCTION: None

HISTORY:

(233) Item

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County: NyeMining District: JacksonAMS Sheet: MilletQuad Sheet: South Shoshone Peak 15'Sec. T 14N R 39E
(unsurveyed)

Coordinate (UTM):

North 4 3 1 9 6 3 3 mEast 0 4 5 0 0 0 0 mZone +11DEVELOPMENT: Several short adits (caved), probably 10-40m in length. One shallow shaft.ACTIVITY AT TIME OF EXAMINATION: None. Claims recently staked; also sampled in Jun. 78. No work (except sampling and staking) has been done here in past 10-20 yrs. (est)

GEOLOGY: Drusy quartz veinlets with comb and cockade structure occur in Tertiary rhyolite intrusive. The structure is not obvious at many of the adits, which are caved. However, a shaft and several pits are located along a N45W, 60NE fault zone. Mineralization seems to be localized in a 1-2 m crush zone in the footwall. A dike of andesite may be present in places along this fault. The mineralized rock contains skarn quartz crystals coated with supergene iron-oxide minerals, as well as very light gray dense chalcedonic veinlets. In some hand samples from the dumps these 2-3 mm veinlets form a sheeted or stockwork appearance. Pyrite is observed in local unoxidized vein matter, but the low amount of iron-oxide pseudomorphs after pyrite indicates that hypogene pyrite was sparse. Cockade quartz veinlets may be up to 2-3 cm wide and irregular. The wallrock near the vein mineralization is silicified and somewhat argillized. Sericite may be present; if so, it is quite finely crystalline. Mineralized vein material is relatively common on some dumps

REMARKS: Sample 404 taken from dump of upper larger caved adit (photo 14 of this dump).

~~References:~~ Bonham, H.F. Jr. (1970) Geologic map and sections of a part of the Shoshone Mountains, Lander and Nye Counties, Nevada: Nevada Bureau of Mines and Geology Map 38.
~~REFERENCES~~ Bonham, H.F., Jr. (1981) Bulk-minable precious-metals deposits and prospects in Nevada: Nevada Bureau of Mines and Geology Open File Map 81-1.

EXAMINER: L.J.GarsideDATE VISITED: 7 Aug 81