

5170 0010

(260) Item 10

PROPERTY NAME: Grand View group?

County: Nye

OTHER NAMES: Bimetallic Group

Mining District: Washington

MINERAL COMMODITY(IES): Ag (Pb)

AMS Sheet: Millet

TYPE OF DEPOSIT: Fissure vein

Quad Sheet: Millet Ranch 15'

ACCESSIBILITY: Road to properties closed by U.S. Forest Service  
(photo 30)Sec. \_\_\_\_\_, T 14N, R 42E  
(unsurveyed)

OWNERSHIP: \_\_\_\_\_

Coordinate (UTM):

PRODUCTION: yes

North 4 3 2 8 3 2 5 m

HISTORY: \_\_\_\_\_

East 0 4 7 9 4 2 0 m

Zone +11

DEVELOPMENT: Cabin near road; 3 adits, one of them possibly over 100 m. Most portals are caved or partially caved.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: The wallrock is greenish-gray pre-tertiary argillite, quartz vein matter occurs as pods 15 x 30 cm in cross section and as 15 cm wide veins in an iron-oxide and fault gouge and breccia zone, 1-1.5 m wide. The hypogene ore minerals are galena, pyrite, tetrahedrite? Supergene minerals include acanthite? (finely banded) common limonite gossan and very sparse malachite. The trend of the vein is N75E to N75W, and it is nearly vertical. Locally the quartz-bearing vein matter is 30-50 cm wide. When observed in parts. Probably wider portions exist underground, Cerrusite? is probably present also. Minor late calcite veining was note.

A typical zoned quartz vein is 15cm wide. From wallrock to center: 2 cm of high-sulfide (galena--pyrite) with minor quartz 4cm of of massive white quartz, 1cm comb quartz with a fine drusy quartz coating in the central cavity. The massive quartz shows quartz after lamellar & calcite replacement structure. Thus, the central core of the vein is essentially barren and a partly oxidized, narrow envelope contains the ore. From the amount of hypogene sulfide ore on the dumps, the best ore probably was supergene-enriched materials.

The hypogene wallrock alteration is minor, possibly some argillic. The symmetrical zoning across the quartz vein combined with the open-spaced textures indicates a paragenesis from sulfide-rich to quartz-rich (possibly replacing earlier calcite) to drusy quartz. See also the description of the McIntyre? Mine. There late calcite fills the open cavity at the core of the vein.

REMARKS: Photo 31 of dump and adit south of road, Photo 33 of U.S. Forest Service Sign. Sample 416 of best sulfidie-bearing ore with some samples of rich? Supergene ore.

REFERENCES: \_\_\_\_\_

EXAMINER: L.J. Garside

DATE VISITED: 10 Aug 81