

4960 0022

256 Item 26

PROPERTY NAME: Tom Cat Claims

OTHER NAMES: Govan Property

MINERAL COMMODITY(IES): Pb,

TYPE OF DEPOSIT: Vein, shear zone

ACCESSIBILITY:

OWNERSHIP:

PRODUCTION: Unknown

HISTORY: Unknown

County: Nye

Mining District: Twin River

AMS Sheet: Tonopah

Quad Sheet: Carvers NW 7½'

Sec. 23, T 12N, R 42E

Coordinate (UTM):

North 4 3 0 3 3 2 0 m

East 0 4 7 9 8 2 0 m

Zone +11

DEVELOPMENT: Caved adit, low on slope, two upper adits, both caved, cut above upper adits.

ACTIVITY AT TIME OF EXAMINATION: None, claims staked May 1, 1981 by D.L. Kitchingham, Round Mt.

GEOLOGY: Rhyolite porphyry dike cutting metamorphics (phyllite, greenstone) dike white, creme, has rounded, clear quartz phenocrysts, disseminated sulfides. Contact zone of dike metamorphics crusted, cemented with white quartz, quartz vuggy, MnO & FeOx-stained, dike silicified, laced with quartz veinlets. Contact shear zone (and dike) strike N10° - 20° W is vertical, dike displays strong N20°E jointing. AT upper adits, dike is exposed in both walls, may be plug rather than dike, shear zone cross-cuts dike and shear surfaces are coated with euhedral quartz crystals, some FeOx staining.

Cut at top of ridges shows dike striking E-W with NW and NE jointing, vuggy, brecciated area occur where jointing cuts dike - may be clots alunite in brecciated vein material. Galena and cerrusite seen in ore piles at upper adits.

REMARKS: Located on east slope of ridge east of South Twin River.

Photos

Samples 288

289

290

REFERENCES:

EXAMINER: J.V. Tingley

DATE VISITED: 9/17/81