

3130 0011

PROPERTY NAME: Sample Location 1546

OTHER NAMES:

MINERAL COMMODITY(IES): Cu, Ag?

TYPE OF DEPOSIT: Veins, shears, fracture fillings.

ACCESSIBILITY:

OWNERSHIP: ?

PRODUCTION:

HISTORY:

County: Eureka Item 11

Mining District: Frenchie Creek

AMS Sheet: Winnemucca

Quad Sheet: Frenchie Creek 15'

Sec. 13, T 29N, R 50E

Coordinate (UTM):

North 4 4 7 0 4 5 0 m

East 0 5 6 0 5 0 0 m

Zone +11

DEVELOPMENT: At least seven adits in altered rhyolite/dacite. Some adits are quite shallow.
Several exploration cuts & 1 small glory hole.

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: The Amoco geologist working in Frenchie Creek informed us that this property consists of old silver mines. There are many workings within a relatively small area here. The adits & cuts are hosted by altered Frenchie Creek rhyolite & maroon colored rhyodacite.

Most of the adits are NW OR SE trending & appear to follow narrow NW-striking shear or fracture zones in the altered, Fe-stained volcanics. In the lower workings, the rocks are cut by white calcite veins & veinlets. Many of the veins follow E-W, N-dipping jointing or foliation planes, but others are found at random orientations. Some of the wider veins are stained by limonite or hematite. Malachite, azurite & MnOxs occur in the veins & on fracture surfaces in the highly fractured & brecciated zones. Sample 1546 A was taken from a partially caved adit which appears to follow a N30W, 60SW shear zone about 1' in width.

Better mineralization was noted in the upper workings. Sample 1546 B was taken from an open cut & S60E - trending adit. The adit is driven along a 4' wide, N60W structure. The fault is marked by calcite, limonite & gouge material. Some N-trending cross structures cut across the main NW trending zone. CuOxs occur on fracture surfaces & within cross structures. The sample (1546 B) was collected from the dump & consists of altered volcanics with pyrite, chalcopryrite & CuOxs. Some silicified breccia with sulfides was also included. Random Fe-silica veining is common.

REMARKS: Samples 1546 A & B

Photo

REFERENCES: U.S.G.S. Bull 1179

EXAMINER: Bentz/Brooks

DATE VISITED: 8/3/82