

4140 0004

PROPERTY NAME: Sample locality 893

OTHER NAMES:

MINERAL COMMODITY(IES): ? Ag?, Pb?

TYPE OF DEPOSIT: Shear zone(s)?, Qtz veins?

ACCESSIBILITY:

OWNERSHIP:

PRODUCTION: Unknown

HISTORY:

County: WP

Mining District: San Francisco

AMS Sheet: Ely

Quad Sheet: Ruth 7-1/2'

Sec. 9, T 17N, R 63E

Coordinate (UTM):

North 4 3 5 8 7 0 0 m

East 0 6 8 2 2 0 0 m

Zone +11

DEVELOPMENT: 1 caved adit on south side of canyon (shown as prospect on map). This has a lg dump w/silst/st gossan. 1 shallow adit & 1 open adit to north.

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: On traverse up canyon from base of canyon we crossed a sequence of pebbly qtzites, meta pelites & ls. The bedding at base of canyon strikes generally N45W, 45SW. Up canyon the bedding orient changes & becomes rather consistant. However, the bedding is cut by many small faults & a larger fault prob runs up the canyon. The rks in the canyon are prob. 1 qtzites and pelites of Misch & Hazzard. Thickly bedded to massive gray ls & qtzites rest unconformably on top of this sequence. The contact between the cliff units is well exposed south of the caved adit. It appears to be a low angular (thrust?) or bedding plane fault contact. 20' SE of the caved adit the ls, which dips moderately to SE rests on top of sheared qtzite. A sm. prospect reveals the shear, but it is not explored at depth.

The caved adit to south looks like it follows a vert.(?) shear in ls + phyllites. It appears the phyllites are faulted against gry ls w/CaCo₃ veins. The adits orientation was N65W. Sm amt qtz. vein material was seen on the dump.

On the north side of the canyon are two adits. The lower adit strikes N10W & explores a shear zone in qtzite that strikes N35E, 45NW. The shear zone is about 10' wide, brecciated and shows Mn oxs on fractured rk. No other min. were noted here.

A shallow 5' adit lies above & to the E of the lower adit. From this adit, one can observe that all three adits includ. the one on the north side explore the same shear horizon mentioned above. The shear undulates a bit but as meas. in the 3 adit it was found to strike N20E, 25SW. The zone shows massive gray calcite veined ls lying above sheared qtzite rk. Normal mineralization stein on any dumps, although some epidote was noted on some fractured qtzite on dump. The sedimentary bedding remains consistant in this pt of the canyon as N70E, 25SE. The county map shows the Pioche sh & Prospect Mtn. Qtzite. As the mapped rk units in this canyon.

REMARKS: Some qtz veins were noted in the sheared qtzite on a few of the dumps.

REMARKS:

Sample 893 - Gassany qtzite breccia.

Photo R5-#4 - View of upper shallow adit w/gray ls about brecciated qtzite below shear zone. View to W.

REFERENCES:

EXAMINER: Bentz/Smith

DATE VISITED: 7/17/81