

4050 0004

PROPERTY NAME: Battle Creek Mines (Sample loc 1610)

OTHER NAMES:

MINERAL COMMODITY(IES): W?

TYPE OF DEPOSIT: Altered intrusive, vein

ACCESSIBILITY:

OWNERSHIP: (see sample location 1609)

PRODUCTION:

HISTORY:

County: Elko

Mining District: Ruby Valley

AMS Sheet: Elko

Quad Sheet: Lamoille 15'

Sec. 1, T 30N, R 58E

Coordinate (UTM):

North 4 4 8 4 8 2 5 m

East 0 6 3 7 2 2 5 m

Zone +11

DEVELOPMENT: Recent trenching & blasting (?) in area of shafts. Area disturbed is about 100' long & 30' deep. One deep vertical shaft remains intact.

ACTIVITY AT TIME OF EXAMINATION: Active mining (?) or exploration on a small scale.

GEOLOGY: The trench is oriented E-W & exposes white to light-grey colored intrusive rocks. On the south side of the cut the intrusive is highly fractured. On the north side the rock was examined & found to consist of a medium-grained (quartz) monzonite with abundant white mica & lesser amounts of oxidized biotite. The intrusive is cut by irregular pegmatite dikes with coarse clots of FeOxs, which are probably after pyrite. Other more mafic rich biotite-quartz dikes (?) + more mafic phases of the intrusive are also present. Prominent jointing of the rocks at the west end of the pit strikes N20E & is near vertical or steeply inclined. The jointing (or fracturing) may be a result of brittle fracturing along a NE fault zone. The dikes or veins which cut the intrusive strike N-S & E-W & range from 1 foot to only several inches in width.

Sample 1610 was taken from dump of only remaining shaft. The sample consists of quartz-mica dike material & intrusive with coarse oxidized clots after pyrite.

These workings explore pyritized intrusive rock, no skarn was observed in place or on dump.

REMARKS: Sample 1610 - Intrusive & vein with pyrite.

Photo.

REFERENCES:

EXAMINER: Bentz

DATE VISITED: 8/30/82