

4050 0006

PROPERTY NAME: Sample loc 1611
 OTHER NAMES: Battle Creek Claims
 MINERAL COMMODITY(IES): Cu,Pb,Zn,W?
 TYPE OF DEPOSIT: Contact, replacement, veins

ACCESSIBILITY: _____

OWNERSHIP: (see sample location 1609 - Battle Creek Mines)

PRODUCTION: _____

HISTORY: _____

County: Elko ⁽⁷⁶⁾ Item 6Mining District: Ruby ValleyAMS Sheet: ElkoQuad Sheet: Lamoille 15'Sec. 6, T 30N, R 59E

Coordinate (UTM):

North 4 14 18 5 5 0 0 mEast 0 1 4 3 9 0 5 0 mZone +11

DEVELOPMENT: Adit is caved & trenched or blasted. New cut strikes N75W. Several trenches lie below adit in area previously occupied by dumps & buildings.

ACTIVITY AT TIME OF EXAMINATION: None, altho work is recent & claims are current.

GEOLOGY: There is a good exposure of the ore zone at the extreme west end of the caved adit. The ore minerals consist of CuOxs, galena & sphalerite which occur in high-angle veins or fissures within a 10-12' wide zone in skarn. The mineralized zones are irregular in shape but appear to be one or more intersecting "veins" with NW orientations. The veins have steep attitudes & parallel the orientation of the caved adit.

The ore zone occurs within & adjacent to bleached, recrystallized white limestone or marble. The marble lies adjacent to + is "caught up" as angular "boulders" within a sheared, fine to coarse-grained monzonitic intrusive. Some of the marble "boulders" or inclusions have slicked surfaces. The mineralized zone is characterized by FeOx staining & gossan. Adjacent to these areas the calc-silicate rocks are composed of quartz-calcite-tremolite with more minor amounts of chlorite & FeOxs.

In several places within the exposed adit walls, the intrusive is cut by irregular shaped dikes of various compositions (some pegmatitic) & dimensions. For the most part, the intrusive is highly weathered & contains abundant clots of FeOxs.

Bleaching & marbelization of country rock is widespread beyond mine workings.

REMARKS: Sample 1611 A - Calc-silicate with CuOxs & pyrite. Also some hemimorphite in limonitic gossan. (sample from caved adit)

1611 B - Sphalerite - quartz vein material. Minor galena. (sample from bulldozed dump below adit)

Photo missing from reprinted roll (R12-# 15)

REFERENCES: _____

EXAMINER: BentzDATE VISITED: 8/30/82