PROPERTY NAME: Ruby claims (near Divide Mines)

OTHER NAMES: SC claims nearby to south

MINERAL COMMODITY(IES): Au?, Ag?, BA

TYPE OF DEPOSIT: Epithermal fissure veins in volcanic

ACCESSIBILITY: _____

OWNERSHIP: Ruby claims   = Nelson Foster

PRODUCTION: _____

HISTORY: _____

County: Elko Item 4

Mining District: Divide

AMS Sheet: Mc Dermitt

Quad Sheet: Mt. Blitzen 15'

Sec. 5 , T 40N , R 50E

Coordinate (UTM):
North   4 5 8 0 4 5 0 m
East   0 5 5 4 2 5 0 m
Zone   +11

(75)

DEVELOPMENT: One shaft full of H_2O with headframe. Some old trenches below & to north of shaft.

ACTIVITY AT TIME OF EXAMINATION: None, although surrounding areas are thoroughly staked.

GEOLOGY: Shaft is sunk in south end of ridge. The north end of ridge is covered by the extensive Divide Mine workings. The southern part of ridge has not been as actively explored. At its southern end, the ridge is capped by a resistant outcrop of bleached(?), silicified rhyolite tuff & minor flow material. Most of the rock in outcrop is medium crystalline, light grey in color, flow laminated & contains quartz & sanadine phenocrysts & greenish flattened pumice & accidental sedimentary lithic fragments. The rock is generally devoid of mafics.

The resistant silicified rhyolite shows a prominent jointing (or flow foliation) developed in a N-S direction & dipping 25° E-NE. The most important feature, however, is that the outcrop is cut by abundant vitreous grey to milky white quartz veins. The veins are narrow(≈ 1/4-1" in width) & have open spaced centers & cockscomb structure of the quartz. The veins cut the outcrop in several orientations, but most of them strike N-S or E-W & are steeply inclined. The contact between the veins & volcanic host are sharp. Some random quartz stockworking was also observed in outcrop. No obvious mineralization was noted in veins although some minute precious metals may be present. Some of the veins contained FeOxs after pyrite(?).

REMARKS:
Sample 1591A- Quartz vein/volcanic (possibly Au or Ag) } Dump samples
        B- Gossan (possibly some Ba).

Photo.

REFERENCES: _____

EXAMINER: Bentz/Brooks/Smith

DATE VISITED: 8/17/82