1690 0008

PROPERTY NAME: Bull Run Mine

OTHER NAMES: C Bruno claims

MINERAL COMMODITY(IES): Au?, Pb, sulfides

TYPE OF DEPOSIT: Quartz vein, Shear

ACCESSIBILITY:

OWNERSHIP: Mine is patented.

PRODUCTION:

HISTORY:

County: Elko (54) Dem 4

Mining District: Edgemont

AMS Sheet: Mc Dermitt

Quad Sheet: Bull Run 15'

Sec. 5, T 43N, R 52E

Coordinate (UTM):

North 4 6 1 1 6 0 0 m

East 0 5 7 0 0 0 0 m

Zone +11

DEVELOPMENT: Lower workings exist as shown on map, only additional workings were spotted at higher elevations. Remains of old town & millsite in area.

ACTIVITY AT TIME OF EXAMINATION: None, although some recent interest in area indicated by staking.

GEOLOGY: Sheared & fractured rock pinnacles at minesite are composed of poorly sorted, pebbly quartzite, dirty sandstones & quartz pebble conglomerates of the Cambrian Prospect Mtn. Fm. Quartz pebbles are suspended in a sand & clay matrix. In some areas the matrix is metamorphosed enough so that the rock appears phyllitic. Most of the quartzites are well cemented with silica. Some of the rocks show flecks of pyrite or FeOxs.

The actual workings were not visited but an outcrop of pebbly quartzite & phyllite just south of the millsite is cut by milky white, massive quartz veins & irregular pods of quartz. The veins ranged from less than 1" to approximately 1' in width. Most of the veins were sub-parallel; striking N20E, 65SE. This orientation mimicks a well developed shearing, or sheeting structure developed in outcrop. Shearing, or fracturing along N-S & NE directions is also well developed.

Sample 1614 was collected from the millsite. It is composed of milky white quartz vein contaning abundant lenses & clots of FeOxs & "ghosts" of pyrite. A minor amount of galena was also observed in vein material.

REMARKS:

Sample 1614

Photo.

REFERENCES: NBM Bull 60.

EXAMINER: Bentz/Brooks

DATE VISITED: 8/31/82