

PROPERTY NAME: Big Buck Mine

**OTHER NAMES:**

MINERAL COMMODITY(IES): Au, Ag

TYPE OF DEPOSIT: Vein

**ACCESSIBILITY:**

OWNERSHIP: Patented

**PRODUCTION:**

**HISTORY:**

County: Lincoln

Mining District: Eagle Valley/Gold Springs

AMS Sheet: Caliente

Quad Sheet: Deer Lodge Canyon 7 1/2'

Sec. 32, T 1N, R 71E

Coordinate (UTM):

North 4 | 1 | 9 | 8 | 9 | 2 | 0 m

East 0 | 7 | 5 | 8 | 5 | 7 | 0 m

Zone                     +11                    

DEVELOPMENT: Several shafts, stopes & adits, more than shown on map. Six or seven levels of closely spaced drill roads on north side of Buck Mtn. just above workings.

ACTIVITY AT TIME OF EXAMINATION: Property is recent site of exploration activity. Drilling probably took place 2-4 years ago.

GEOLOGY: The Big Buck workings explore northern portion of Snowflake vein complex southwest of a N55W, NE dipping post-mineral fault. (Perry, 1976). There are several massive, white quartz veins about 2-3' in width exposed in a deep shaft & stope. Sub-parallel vein systems & stockwork zones lie adjacent to main veins in altered andesite/latite wallrock. The zones of quartz veining & stockworking extend zone to about 20' or greater in minable width. Quartz veins make up as much as 50% of the zone. The andesite/latite wallrock is shear on either side of vein, mostly parallel to main vein orientation. The general trend of the massive white quartz veins exposed in the stopes are northerly to N15E.

The quartz vein found on the dump is very similar to that seen at the Snowflake Quarry; ie, banded, fissure-type quartz, often vuggy & Fe-stained & containing altered andesite fragments. More pyrite occurs in this vein material than that noted at the Snowflake Mine. Some pyrite is altered to limonite. Again, quartz after calcite textures are very common.

REMARKS: Sample 1721

REFERENCES: Perry, Sprg 1976, Utah Geology, v. 3, N. 1, p. 38.

EXAMINER: Bentz/Smith

DATE VISITED: 9/17/83