

1630 007

PROPERTY NAME: Iris Mine
 OTHER NAMES: GS claims
 MINERAL COMMODITY(IES): Au, Ag
 TYPE OF DEPOSIT: Epithermal vein, breccia fill

ACCESSIBILITY: _____

OWNERSHIP: _____

PRODUCTION: _____

HISTORY: _____

County: Lincoln ¹⁶⁸
 Mining District: Eagle Valley
 AMS Sheet: Caliente
 Quad Sheet: Deer Lodge Canyon 7 1/2'
 Sec. 30, T 1N, R 71E

Coordinate (UTM):

North 4 2 0 1 1 4 0 m
 East 0 7 5 7 2 2 0 m
 Zone +11

DEVELOPMENT: Shaft as shown on map, partially caved at collar. Trenching & surface exploration in vicinity of mine & along road is probably 3-5 years old. Very recent (within last year) narrow, backhoe trench (for sampling) along road north of shaft. Remains of ore chute below mine.
~~ACTIVITY AT TIME OF EXAMINATION~~
 Activity at time of Examination: None, but area is staked.

GEOLOGY: Hill occupied by shaft is covered by float & rubbly outcrop of massive, vuggy quartz vein & quartz-veined, altered andesite & andesite breccia. The andesite ranges from a purple to light brown or pink color. It is porphyritic with coarse phenocrysts of plagioclase, biotite & more fine-grained pyroxene crystals. Many of the andesites are propylitized, & where cut by quartz veins show local sericitic or siliceous alteration. Andesite fragments in the quartz-cemented breccias commonly show argillic, advanced argillic or sericitic alteration. Cockade & drusy quartz forms encrustations around altered rock fragments. White calcite & siderite vein (gangue) also common, but quartz vein is more common. Quartz after calcite textures. Partially oxidized pyrite is common in both the vein & in the altered fragments. Some of the rocks are Fe-stained &/or coated by greenish (Fe?, As?, Cl?) oxides.

Altho no structure is visible at shaft, entire hillside east of mine is covered by crustified fissure to massive quartz vein & quartz-cemented andesite breccia. Orientation of vein structure was not determined.

REMARKS: Sample 1726

REFERENCES: _____

EXAMINER: Bentz/Smith

DATE VISITED: 9/18/83