1630 0019

PROPERTY NAME: Charley Ross Mine

OTHER NAMES: _____

MINERAL COMMODITY(IES): Au, Ag

TYPE OF DEPOSIT: Vein (epithermal)

ACCESSIBILITY: _____

OWNERSHIP: _____

PRODUCTION: _____

HISTORY: _____

(68)
Item 19

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 9 4 0 0 m
East   0 7 5 8 8 8 0 m
Zone   +11

DEVELOPMENT: Main working is an inclined shaft covered by collapsed structure & adjacent cabin. A west-trending adit was crosscut 400' south of the adit to intersect southern extension of vein (see Perry, 1964)

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Light pink to white argillically altered latite or rhyolite with Fe-banding & relict sanidine(?) phenocrysts is host rock for this deposit. Some rocks are thoroughly silicified & show veinlets & clots of vitreous grey silica. In others, the matrix is altered to advanced argillic or phyllic alteration assemblages. Some pink crystals were noted & may be adularia. A few samples composed of altered tuffaceous material was noted in dump. It consists of punky kaolinitic material surface coatings, lenses & bands of hematite & limonite are common.

A resistant silicified veinwall outcrop projects north (northeast) of the shaft collar. The vein strikes N35E & is vertical or steeply NW dipping. Wallrocks show bleaching, clay alteration, Fe-staining & fracturing adjacent to the vein.

Sample 1722 was collected from the dump & consists of cockscomb quartz vein material & altered host rock. The rocks contain fine-grained oxidized pyrite & limonite after pyrite is common.

Samples taken from the 60' & 80' levels of the shaft showed relatively low Au values (0.005-0.145 oz/ton) & 3 out of 4 values of 0.2 oz/ton (Perry, 1964; p. 37), the remaining (4th) sample showing no Ag.

According to geologic map (Perry, 1964), the shaft lies on the NE-striking contact between older porphyritic andesite flows & overlying lithic crystal rhyolite tuff.

REMARKS: Sample 1722.

REFERENCES: Perry, Sprg, 1964, Utah Geology, v. 3, n. 1, p. 23.

EXAMINER: Bentz/Smith

DATE VISITED: 9/17/83