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(59)

PROPERTY NAME: Grand Prize Mine

OTHER NAMES: Redrock claims to the north

MINERAL COMMODITY(IES): Ag?, Au?

TYPE OF DEPOSIT: Vein, epithermal, contact

ACCESSIBILITY:

OWNERSHIP:

PRODUCTION:

HISTORY:

County: Elko

Mining District: Tuscarora Dem 27

AMS Sheet: Mc Dermitt

Quad Sheet: Tuscarora 15'

Sec. 34,35, T 40N, R 51E

Coordinate (UTM):

North 4 5 7 4 2 0 0 m

East 0 5 6 5 4 5 0 m

Zone +11

DEVELOPMENT: Original Grand Prize shaft not found. Probably now obliterated by shallow pit created by reworking of extensive dump material. Old exploration trenches found above pit.

ACTIVITY AT TIME OF EXAMINATION: Exploration in area looks fairly recent (within last few years) THis could be one source of the ore being leached SW of Tuscarora.

GEOLOGY: Location of voluminous dumps & evidence of timber & masonry in area indicates this is the site of Grand Prize Mine & possible millsite, although actual shaft or mill was never found. Exploration here is mostly surface disturbance due to scrapping, sorting & remobilization of material from large dumps which occupied the drainages in this area. THis material was later leached for residual silver or gold.

THe rock exposed in the pit is mainly composed of a greenish propylitically altered andesite intrusive? with chloritized plagioclase & mafic (biotite?) phenocrysts. A more minor rock type is a thoroughly silicified & bleached fine-grained volcanic (andesite?) rock. Alteration of some sort, & silicification especially, has affected every rock type in the pit. Quartz veins & stockworkscommonly cut the altered rock. The epithermal veins are typically vuggy, Fe-stained & contain sulfides. Sulfides, mainly pyrite, also occur as discrete, disseminated crystals within the altered andesite. Manganese & limonite coat surfaces of the altered rock. Drusy quartz fills fine fractures which cut across previously formed quartz veins. A small amount of breccia was also observed.

Several shallow prospects 1/4 mile to the east were visited but not sampled The prospects explore an Fe-stained, very fine grained, bleached & silicified volcanic? rock. No mineralization was observed.

REMARKS: Sample 196

Photos.

REFERENCES:

EXAMINER: Bentz/Smith

DATE VISITED: 7/6/82