2050 0004

(152) Item 5

PROPERTY NAME: Thunder claims (1973)

OTHER NAMES: Carroll Summit area; Gold Basin Mine? Buckeye claims

MINERAL COMMODITY(IES): Au?

TYPE OF DEPOSIT: Fissure vein or mineralized fracture(s)?

ACCESSIBILITY:

OWNERSHIP: ?Maestrietti, Charles Wimrod, and Stan Maestrietti, all of Austin, NV

PRODUCTION: None.

HISTORY:

County: Lander

Mining District: Gold Basin

AMS Sheet: Millett

Quad Sheet: Carroll Summit 7½'

NE/4,SE/4 S8 and NW/4,NE/4 S9

Sec. 8, T 16N, R 38E

Coordinate (UTM):

North 4 3 4 6 2 0 0 m

East 0 4 3 7 9 9 9 m

Zone +11

DEVELOPMENT: 6-8 bulldozer trenches a 3-m deep shaft, a 20? m deep shaft (caved) and a 30?m long adit (S15E) caved at approximately 20 m from portal. Adit has standing water. These working near the highway. Also, several pits and trenches at a locality 0.8 km NE as well as a shallow, caved shaft. Shaft south of highway(topo sheet) not visited

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: The workings here are in a light gray, rhyolitic ash-flow tuffwith (usually) <1cm gray to black lithic fragments. In one area, a part of the tuff contains numerous, coarse (2-10 cm locally 20cm) fragments of silicic volcanic rocks. This is probably a more lithic-rich part of the ash-flow tuff. The tuff is argillized and locally silicified, based on the rock seen on the dumps. It is not possible to determine the structure at the workings near the highway. Some white to brown, medium to coarse crystalline calcite vein? material is present on the shaft dump. This calcite seems to exhibit crustification. texture locally. Disseminated pyrite was seen in one piece of calcite. The rock fragments on the dump are coated with scorodite?, probably from post-mine oxidation of pyrite, which was not observed. Iron-oxide minerals coat fractures on the tuff, and manganese stain is noted on dump samples.

A group of shallow pits and a shallow shaft about 0.8 km NE of the main workings is developed along a N70W, 90 finely crushed (fault) zone about 1m wide in the lithic-bearing rhyolitic welded tuff. Iron-oxide minerals are present.

REMARKS: Photo 6 roll3, of bulldozer cut and dump of shaft at prospects near the highway. Sample 435 of iron-stained welded tuff from dumps plus select pieces of vein? calcite From locality in photo 6.

REFERENCES:

EXAMINER: L. J. Garside

DATE VISITED: 2 Sep 81