

4100 0014

PROPERTY NAME: Mastiff claims

OTHER NAMES:

MINERAL COMMODITY(IES): Ba, Ag?

TYPE OF DEPOSIT: Weak hydrothermal alteration & veining in andesite

ACCESSIBILITY:

OWNERSHIP: Mastiff claims = M.R. & C.E. Healy, P O. Box 607
Carlin, NV, located 12/81.

PRODUCTION: None

HISTORY:

(121)

County: Eureka Item 17

Mining District: Safford

AMS Sheet: Winnemucca

Quad Sheet: Beowawe 15'

Sec. 18, T 31N, R 51E

Coordinate (UTM):

North	4	4	9	1	0	5	0	m
East	0	5	6	1	6	0	0	m
Zone	+11							

DEVELOPMENT: 3 or 4 dozer trenches scattered across claims. One old shaft reported to be on property, not visited.

ACTIVITY AT TIME OF EXAMINATION: M.R. Healy, a good ole' Nevada boy, showed me the property. The last activity was trenching which was completed this spring.

GEOLOGY: Trenches explore altered zones in andesite^{flows}. Where unaltered, the rocks contain plagioclase & biotite (now phlogopite) crystals. The altered zone shows pervasive Fe-staining, bleaching & abundant, randomly oriented calcite veins & veinlets. The rock is propylitically altered near & within the trenches.

No major structure was observed in the altered zone as trenches only extend just below alluvium. Some minor faults & fractures were noted in outcrop above trenches. Hydrothermal fluids may have travelled along several of these small structure which led to the weak alteration of a relatively wide area. It is possible the area is underlain by an intrusive body.

No obvious mineralization was observed in the trenched areas. Some very Fe-rich samples may once have contained pyrite, but are now completely oxidized. Some barite vein float was found in the drainage below the trenches, but source of the vein is unknown. Sample 166 consists of calcite & Fe-replaced andesite from an oxidized "vein" exposed in NE-SW trending trench.

REMARKS: Mr. Healy informed me that assayed samples from his trenches contained some Au & Ag (I wouldn't bet on it)

Sample 166

Photos.

REFERENCES:

EXAMINER: Bentz

DATE VISITED: 6/6/82