

PROPERTY NAME: Amazon Mine 2170 0002
OTHER NAMES: Amazon Claims
MINERAL COMMODITY(IES): Ag?
TYPE OF DEPOSIT: Fault zone?
ACCESSIBILITY:
OWNERSHIP: Amazon claims = Rocky Mtn. Surveyors
PRODUCTION:
HISTORY:

County: Elko
Mining District: Good Hope
AMS Sheet: Mc Dermitt
Quad Sheet: Mt. Blitzen 15'
Sec. 2, T 41N, R 49E
Coordinate (UTM):
North 4 5 9 1 1 0 0 m
East 0 5 4 6 8 0 0 m
Zone +11

DEVELOPMENT: Several shallow propsects, now caved & filled in. Only small dumps remaining.

ACTIVITY AT TIME OF EXAMINATION: None, although area north & west of workings was staked within last three years.

GEOLOGY: The rock underlying small prospect consists of both volcanic & sedimentary lithologies. The western prospects explore thoroughly kaolinized(?) or weathered light-blue rhyolite tuff or tuff breccia. This rock (sample 1598B) smells like sulfides & is an unusual blue-green color. *Various volcanic & tuffaceous rocks are found in the alluviated slope beneath the workings. All of the rocks are partially or completely altered, ie. most samples are bleached, silicified & stained or replaced by FeOxs & clays. The most dominant rock type in the area is a sericitized rhyolite (?) with unaltered sanadine phenocrysts & highly altered feldspars (mostly altered to white clays).

The north-eastern prospect explores black carbonaceous shale probably of western facies origin. The shale is hardened or silicified probably from alteration processes associated with the deposition of sulfides. Minute discontinuous cracks in the shale are lined by drusy quartz. Some sulfides were observed along these cracks. (Sample 1598A)

Altho not directly observed, the contact between the older sediments & younger volcanics is probably a fault. The prospects are a result of exploration along this structure which is probably N or NEasterly in strike As judged from the orientation of the workings.

* Unusual blue color may be result of zeolitization of tuffaceous material?

REMARKS: Samples 1598 A & B

Photo

REFERENCES:

EXAMINER: Bentz/Smith

DATE VISITED: 8/18/82