

2420 0018

PROPERTY NAME: Sample location 1612
OTHER NAMES: _____
MINERAL COMMODITY(IES): Ba, Sb
TYPE OF DEPOSIT: Silicified breccia along fault.
ACCESSIBILITY: _____
OWNERSHIP: Freeport Au Co.
1970's - LM & CM claims shown on plat (FMC & Bilboa) but area
PROXIMATELY now part of large Freeport claim block.
HISTORY: _____

79-A *Hanks*

County: Elko
Mining District: Burns Basin (Jerritt Canyon)
AMS Sheet: McDermitt
Quad Sheet: California Mtn. 71/2'
Sec. 11, T 40N, R 53E
Coordinate (UTM):
North 4 5 8 0 8 8 0 m
East 0 5 8 5 2 5 0 m
Zone +11

DEVELOPMENT: Immediate vicinity & adjacent area has been extensively drilled by Freeport as part of their ongoing exploration for gold in the Jerritt Canyon area.

ACTIVITY AT TIME OF EXAMINATION: _____

GEOLOGY: On the road to the sample site we passed grey (weathered) platy shales & silty limestone which looked like Roberts Mtn. Fm.

The rocks underlying sample location 1612 form a resistant outcrop at the top of a small hill. The knob consists of a silicified breccia which is probably hosted by siliceous western facies rock. The east side of the outcrop is highly brecciated, silicified & recemented by silica. Drusy quartz coats open vugs & fractures. Barite is also abundant as a breccia cement. Some yellow & white antimony oxides were found on fracture surfaces in the outcrop.

The NW portion of the outcrop is chert. ^{As} many of the fragments in the breccia are chert, indicating a western facies host. Limestone outcrops on the small knob to SE of sample site. The saddle between the two knobs is probably a high-angle fault. The brecciation seen in the chert outcrop is probably a result of faulting or thrusting, followed by silicification.

Sample 1612 - Jasperoid(?) & chert breccia from outcrop.

Photo

REMARKS: _____

REFERENCES: _____

EXAMINER: Bentz/Brooks

DATE VISITED: 8/13/82