

4100 0013

PROPERTY NAME: Onondaga Mine  
 OTHER NAMES: Rita claims  
 MINERAL COMMODITY(IES): Ag?, Au?, Ba, Pb, Cu, Zn  
 TYPE OF DEPOSIT: Vein & replacement along shear zone in volcanic  
 ACCESSIBILITY: \_\_\_\_\_  
 OWNERSHIP: Rita claims = Universal Gas?  
Homestake also HAS claims in this area.  
 PRODUCTION: \_\_\_\_\_  
 HISTORY: SEE CRIB

County: Eureka Item 16 (121)  
 Mining District: Safford  
 AMS Sheet: Winnemucca  
 Quad Sheet: Beowawe 15'  
 Sec. 17, T 31N, R 51E  
 Coordinate (UTM):  
 North 4 4 9 0 8 2 5 m  
 East 0 5 6 3 0 1 0 m  
 Zone +11

DEVELOPMENT: Old workings are shown on map. New development consists of roads (some drill roads & trenches probably completed in last five years.

ACTIVITY AT TIME OF EXAMINATION: None, although entire canyon is staked & several companies own claims in this area. <sup>Recent</sup> Indications of extensive sampling of the altered volcanics are found in several portions of the canyon.

GEOLOGY: Sample 167 was derived from dump of N20W directed adit shown on map. Host rock is an altered andesite & silicified andesite breccia. The adit drifts along a N25W, 75SW sheeted shear zone exposed at portal. The sheared andesite is altered to clays, FeOxs, calcite & gossany lenses. The zone of brecciation & alteration related to the shear was followed about 100' up new roadcut at base of portal. The entire section of altered andesite exposed along the roadcut has been sample at 5' intervals.\* The andesite exposed along roadcut below the portal is propylitically altered (altered to calcite & chlorite), fractured, cut by calcite veins, & contains fine crystals of pyrite & minor CuOxs.

\* Most of the volcanic rock on the dump is propylitized or silicified. Many samples are cut by calcite & barite veins. FeOxs are abundant both as gossan & as coatings or cement in sheared samples. Part of the sample <sup>(167)</sup> consists of silicified andesite breccia cemented by silica, calcite, barite, Fe & Mn Oxs <sup>mixed with</sup> galena, sphalerite(?) + pyrite. Sulfides also occur in the altered volcanic fragments & calcite veins. Some siliceous stockworks observed in a few samples.

Some intrusive rocks crop out about 1 1/2 miles to the north.

REMARKS: Not enough time was spent sampling in this area. There are several areas of recent exploration (dozing) not shown on map, ie north-east portion of canyon mouth. Also, more adits exist here than shown on map. Homestake has spent several summers doing exploration work in here.

Sample 167 - Breccia with sulfides.

Photos.

\*Flagging is nailed to roadcut outcrop.

REFERENCES: \_\_\_\_\_

EXAMINER: Bentz

DATE VISITED: 6/6/82