

4950 0029

PROPERTY NAME: Surprise Fraction
 OTHER NAMES: Plat shows Ruby claims in this area
 MINERAL COMMODITY(IES): Au?
 TYPE OF DEPOSIT: Vein, stockwork
 ACCESSIBILITY: _____
 OWNERSHIP: Ruby claims = Canevex Resources
 PRODUCTION: _____
 HISTORY: _____

County: Elko (79) Item 30
 Mining District: Tuscarora
 AMS Sheet: Mc Dermitt
 Quad Sheet: Mt. Blitzen
 Sec. 7, T 39N, R 51E
 Coordinate (UTM):
 North 4 5 7 1 7 5 0 m
 East 0 5 5 0 2 6 0 m
 Zone +11

DEVELOPMENT: 1 adit which trends N60E. It is partially caved 20' behind portal.

ACTIVITY AT TIME OF EXAMINATION: None, although adjacent areas are recently staked.

GEOLOGY: The host rock for this deposit was once probably an andesite which is so thoroughly bleached & argillized it was mistakenly called a rhyolite by Emmons. The rock contains quartz but it appears to be of secondary origin. The altered matrix is silicified & light grey in color.

The adit follows a set of N60E, 80SE fracture or bedding planes. The fractures are about 2-3' apart. The alteration observed in the rock above the adit & on the dump is intense. Some samples are opaline with Fe-stained vugs of chalcedony or drusy quartz. The silicified rock on the dump is cut by fine stockworks of glassy quartz veinlets. Fine, Fe-stained, quartz-cemented breccia zones cut through the silicified samples.

The quartz veins supposedly carry free gold, but none was observed. The veins which were explored probably followed the fracture or bedding plane surfaces observed in places at portal.

REMARKS: Sample 200

Photo

REFERENCES: Emmons, 1910, Reconnaissance of some mining camps..., NV., USGS Bull 408, p. 61-62.

EXAMINER: Bentz/Smith

DATE VISITED: 7/6/82