

3130 0014  
PROPERTY NAME: Sample location 1542

OTHER NAMES:

MINERAL COMMODITY(IES): Fe, Au?, Ag?

TYPE OF DEPOSIT: Silicified volcanic, stockwork veining.

ACCESSIBILITY:

OWNERSHIP: Amoco

PRODUCTION:

HISTORY:

County: Eureka Item 14

Mining District: Frenchie Creek

AMS Sheet: Winnemucca

Quad Sheet: Frenchie Creek 15'

Sec. 23, T 29N, R 50E

Coordinate (UTM):

North 4 4 6 6 1 0 0 m

East 0 5 5 9 1 5 0 m

Zone +11

DEVELOPMENT: One east-striking caved adit. portal now covered by alluvium, Two or more adits exist on the east side of the canyon, but we did not sample them.

ACTIVITY AT TIME OF EXAMINATION: At the time of our exam, Amoco was actively drilling (rotary) on the east side of canyon floor about 1/2 mile south of sample location (1542)

GEOLOGY: No structure observed at adit but much of the dump consists of propylitically altered rhyolite or rhyodacite. The rock contains conspicuous green clots of chlorite which replaces feldspar & mafic phenocrysts.

The rock sampled from the dump consists of bleached & argillized to silicified volcanic rock which is highly Fe-stained & cut by fine networks of siliceous veinlets, commonly carrying Fe & Mn. Some calcite vein was noted on dump in addition to some siliceous & limonitic gossan.

About 1/2 mile south of the sample location, Amoco was drilling on the east side of the canyon with one rotary drill rig. The rig was set up on the canyon floor. Drill cuttings consisted of fine sand & pulverized, bleached, punky volcanic stuff? Behind the drill site (to east) the volcanics form bold, jagged outcrops which are brecciated & silicified (possibly a dike or fault structure). According to the Amoco geologist at the site, the drill hole had reached a depth of 900' at the time of our exam.

REMARKS: Sample 1542

Photos. (see Drill Rig photos)

REFERENCES:

EXAMINER: Bentz/Brooks

DATE VISITED: 8/3/82