3130 0007

(18) Item 7

PROPERTY NAME: Frenchie Creek Prospect

OTHER NAMES: Sage claims by jeep road in sec. 25.

MINERAL COMMODITY(IES): Fe

TYPE OF DEPOSIT: Replacement, faults, veins

ACCESSIBILITY:

OWNERSHIP: Amoco? (Ownership not indicated on any of the Billions! of PVC monuments)

PRODUCTION:

HISTORY:

County: Eureka

Mining District: Modarelli-Frenchie Creek

AMS Sheet: Winnemucca

Quad Sheet: Frenchie Creek 15'

Sec. 25, T 29N, R 50E

Coordinate (UTM):

North 4467350 m

East 0560350 m

Zone +11

DEVELOPMENT: Entire area from Modarelli Mine to this site is staked. Also the entire Frenchie Creek drainage is staked. The jeep trail (in sec. 25) & Frenchie Creek road is very recently ulldozed(bulldozers still on road) & drill sites have been prepared along road. No prospect found at these sample locations, only outcrop & newly constructed drill road

Activity at time of examination: Amoco is activly developing their claims in this area by improving roads for use by heavy equipment. Recent indications of sampling are evident along improved jeep trail.

GEOLOGY:

Sample 1530 came from small cut(off of improved jeep trail) which is levelled & possibly a site for future drilling. Altered volcanic rocks with general "flow"dips to the NE are exposed in the cut. In places the rock is silicified or bleached, but the original composition was probably a rhyolite or dacite. The cut exposes at least two almost vertical gouge zones about 6-7' wide. The zones are approximately N-trending & marked by brecciation, oxidation, bleaching & development of clay (pink & white in color). The zones are probably th result of hydrothermal alteration along small faults or fractures. The rocks sampled are stained & veined by Fe & silicia & may contain minor pyrite.

SAmple 1531 was collected in area of Frenchie Creek prospect, although the prospect was never found. The sample consists of Fe-rich vein material found in rubble on hillside. Most of the Fe in the vein is oxidized to hematite, but the rock is slightly magnetic & probably contains pyrrhotite or magnetite. The primary gangue mineral for the Fe-rich rock is rose colored quartz. Quartz vein material also found in surrounding area.

According to USGS Bull. 1179, the host for these samples is the Frenchie Creek Rhyolite.

REMARKS: Samples 1530
1531

Photo.

REFERENCES: USGS Bull 1179

EXAMINER: Bentz

DATE VISITED: 7/28/80