

3130 0010

PROPERTY NAME: Unnamed Iron Prospect

OTHER NAMES: Iron claims are located to SE along road

MINERAL COMMODITY(IES): Fe, Ba

TYPE OF DEPOSIT: Replacement (along structure)

ACCESSIBILITY: \_\_\_\_\_

OWNERSHIP: \_\_\_\_\_

PRODUCTION: \_\_\_\_\_

HISTORY: \_\_\_\_\_

County: Eureka Item 10 Cree

Mining District: Modarelli-Frenchie

AMS Sheet: Winnemucca

Quad Sheet: Frenchie Creek 15'

Sec. 13, T 29N, R 50E

Coordinate (UTM):

North	4	4	6	9	8	0	0	m
East	0	5	6	1	3	5	0	m
Zone	+11							

DEVELOPMENT: Old timber strewn about area ( but no underground workings visible). Prospect is developed by several old trenches.

ACTIVITY AT TIME OF EXAMINATION: None at site. Across canyon to the south are a few PVC claim markers but no sign of recent activity.

GEOLOGY: According to USGS Bull. 1179 this prospect is located within the Frenchie Creek Rhyolite member of the Mesozoic Pony Trail Group. However, fresh rock in the area looks like a purple-colored andesitic flow (plagioclase & hornblende phenocrysts & rock fragments).

Adjacent to the trenches is a resistant silicified reddish black outcrop of Fe-replaced volcanic rock which strikes N50E. The rock looks quite similar to that observed at the Modarelli Mine, except that the replaced zone is not as extensive & probably not as high-grade. The ore in the outcrop consists of massive blackish magnetite & hematite. The outcrop is fractured, in places brecciated & shows high-angle slicks oriented N50W.

The brecciated areas contain abundant limonite, hematite & coatings & open-spaced fillings of white to vitreous grey drusy quartz. Relic flow bedding is preserved in outcrop. The "beds" are 1-3' wide & dip shallowly to the NE.

REMARKS: Sample 1529 - Ore from resistant outcrop. Some fracture surfaces are coated with barite.

Photo

REFERENCES: USGS Bull. 1179

EXAMINER: Bentz

DATE VISITED: 7/29/82