

3640 0041

PROPERTY NAME: Pioche Metals Mine

OTHER NAMES:

MINERAL COMMODITY(IES): Ag, Pb, Au

TYPE OF DEPOSIT: Breccia

ACCESSIBILITY: See map, access road good

OWNERSHIP: Unknown

PRODUCTION: Small to none.

HISTORY: Unknown, probably worked 1860-1900's

County: Lincoln

Mining District: Pioche

AMS Sheet: Caliente

Quad Sheet: Highland Peak 7 1/2'

Sec. 18, T 1N, R 67E

Coordinate (UTM):

North	4	2	0	3	3	9	0	m
East	0	7	1	8	7	1	0	m
Zone	+11							

DEVELOPMENT: Series shallow shafts and prospect pits.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Workings trace NNE trend, following fault contact between Cambrian Lyndon Limestone and undifferentiated Cambrian dolomite. Most of workings in alluvium. Dumps consist of silicified ~~and~~ carbonate breccia cemented with calcite, siderite, and hematite stained silica. Limestone light grey to dark grey and locally appears carbonaceous. Sulfides occurring in breccia are oxidized with a few fresh grains and consist of fine-grained pyrite, galena, sphalerite(?), which have altered to FeOx, malachite, chrysocolla, limonite, and possibly some minor smithsonite. Later stage silica coats surfaces and drusy quartz fills vugs and coats fracture surfaces. Outcropping limestone at southern workings massive. At the northern end along with a series of the site, a prominent fault is exposed in a shaft. Siliceous heavily FeOx stained rib outcrops of siliceous rib parallel to main rib. Tracing the fault zone northward, fault begins to dip steeply NNE and strike N60W. Rocks associated with fault zone are hydrothermally altered and have "cooked" appearance, and abundant gossan occurs near and associated with fault.

REMARKS: Sample Site 1434

REFERENCES: USGS Map MF 136

EXAMINER: Smith/Bentz

DATE VISITED: 8/25/83