

2310 0004

PROPERTY NAME: Blue Bell Mine  
OTHER NAMES: Roeder Claims  
MINERAL COMMODITY(IES): Au, Ag  
TYPE OF DEPOSIT: Replacement (?) / Vein  
ACCESSIBILITY: See map, mine more westerly than shown on map,  
road fair.  
OWNERSHIP: Unknown  
PRODUCTION: Small to none  
HISTORY: Unknown, probably worked in 1860-1880's

County: Lincoln <sup>(175)</sup> Ham 54  
Mining District: Highland  
AMS Sheet: Caliente  
Quad Sheet: Highland Peak 7 1/2'  
Sec. 9, T 1N, R 66E  
Coordinate (UTM):  
North 4 2 0 4 2 7 5 m  
East 0 7 1 2 8 0 0 m  
Zone +11

DEVELOPMENT: 20 Foot adit, surface cuts down slope following fault.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Single adit trending N85W following fault/shear zone at least 5 feet wide, steeply  
dipping S20W. Host rock Cambrian Mendha Formation, thick bedded, medium grey limestone with  
argillically altered shaley partings\*. Fault breccia limestone cemented with grainy,  
crystalline calcite and quartz, which carries fine grained galena intergrown with sphalerite?  
altering to anglesite(?) (or other green alteration mineral) and pyrite ghosts. Fault zone  
is hydrothermally altered to siliceous gossan and heavily stained with Fe-Mn oxides.  
Near the fault the limestone is unevenly silicified. Fracture surfaces in the gossan and  
limestone are coated with opaline silica and very fine grained calcite and cavities are  
lined with drusy quartz. Boxworks in the gossan are coated with limonite and very fine  
grained intergrown jarosite.

\*with oxidized pyrite grains scattered over surfaces. Beds horizontal to slightly dipping  
south with E-W strike. Host rock also contains ripple marks, and fossil hash.

REMARKS: Sample Site 1389.

Note: Home of several less than friendly bats.

REFERENCES: \_\_\_\_\_

Smith/Bentz

EXAMINER: \_\_\_\_\_

9/16/83

DATE VISITED: \_\_\_\_\_