

Schist Mine

Runner Claims

Gold

NAME

OLD NAMES

PRINCIPAL ORE

MINOR MINERALS

11 S.                      45 E.                      33

T                                      R                                      S

Baker ..... COUNTY

Connor Creek ..... AREA

1900 ..... ELEVATION

..... ROAD OR HIGHWAY

2 mi. to U.P.R.R. .... DISTANCE TO SHIPPING POINT

PRESENT LEGAL OWNER (S) ..... J. W. Baker

Address ..... 1840 Resort Str., Baker, Oregon

OPERATOR .....

Name of claims                      Area    Pat.    Unpat.

Name of claims                      Area    Pat.    Unpat.

4 Claims ..... X

EQUIPMENT ON PROPERTY

PUBLISHED REFERENCES

Oregon Metal Mines Handbook 14-A, page 23  
Gilluly, Reed and Parks 33:52  
Swartley 14:215  
Parks and Swartley 16:207  
Prescott

MISCELLANEOUS RECORDS

REPORTS

Copies of letters by A. M. Swartley and Robert M. Betts, 1935-1937 including Assay Records by the Baker Assay Office and the Montana Assay office

x

SHIPMENT AND ASSAY RECORDS

Report on Snake River Ore by Hamilton, Beauchamp and Woodworth, Inc. Metallurgical Engineers, San Francisco 3/23/16

x

Metallurgical Tests by Faulkenberg and Laucks 7/19/15

x

Correspondence concerning sampling and assay records by Comucopia

x

MAPS

## SCHIST MINE

### CONNOR CREEK DISTRICT:

Prescott---6/1/37---About two miles from the Snake river road in about the same vicinity as the Bay Horse Mine. Huntington is the nearest town, but shipments can be made from Home, Oregon, about 3 miles from the mine. There are two claims in this group; large tonnage is blocked out which assays around \$3. There is ample water; Idaho Power Company line is over the claims, and it is opened up with 4000 feet of tunnels. Owned by ~~L. L. Ireton, J. W. Baker~~, and others, of Baker, Oregon. *Grangeville, Idaho*

*J. M. Mullins & Gus D. Durland. Grangeville Ida.*

## RUNNER CLAIMS

*Cornucopia*

*LOOKOUT -*

*PEDRO MT. R*

*QUARTZ PROP.*

*The Runner Claims.*—This group is situated about a mile southwest of the Mullin property. The country rock is a schist similar to the one above described. It is here cut in many places by quartz veins a few inches wide from which probably branch minute reticulate veins impregnate the body of the schist. Samples taken of the country rock all show the presence of gold. It is probable that this metal is

contained in the minute stringers while the unaltered schist is barren.

The genesis of this deposit is similar to that of the Mullin claim in that the quartz and the gold were deposited in the shattered schist from ascending solutions coming from the underlying cooling magma. In this case apparently the values have been disseminated widely throughout the schist. The limits of the gold-bearing schist have not been determined in two crosscuts which are being driven upon the property.

It is reported that channel samples taken regularly in these crosscuts over a width of 90 feet averaged \$3.26 a ton with no samples below \$1.00. If an average value anything like the above can be maintained for a sufficiently large tonnage of the schist to warrant large scale operations it would become one of the great gold mines of the world. The reported value is nearly twice that of the gold deposited in schist now being developed on a large scale near Juneau, Alaska. The conditions of climate, topography, and transportation are decidedly favorable all the year round for outside mining operations. This group is being developed by John Wilson of Baker and R. M. Betts of Cornucopia.



### SCHIST MINE (Gold)

Connor Creek District

Owners: J. M. Mullins and Gus D. Darland, Grangeville, Idaho.

"The property is located in sec. 33, T. 11 S., R. 45 E., about 3 miles by wagon road from the railroad (19 miles north of Huntington). This part of the canyon is quite rugged and the hills are covered with bunchgrass and sagebrush. The property is about 1,600 feet above the river, which has an elevation of about 1,900 feet above sea level.

"The country rocks are limestone, limestone schist, quartz sericite schist, and argillite. The limestone is blue in color and has a finely crystalline texture; in some places it is brecciated and cemented with calcite. The schist is bluish in color and quite dense. In thin section it is seen to be very fine grained and to consist chiefly of elongated quartz grains with fine parallel bands of sericite. No true bedding planes were noted in the rocks, but the general strike of the schistosity is N. 72 degrees E., dip 61 degrees W. There are some small specks of hematite in the schist that have probably been derived from pyrite, which was probably an original constituent of the schist.

"There are several fine-grained porphyry or aplitic dikes that cut the above rocks parallel to the schistosity, although, of course, their cross-cutting nature is quite apparent in places. Some of the smaller dike stringers are badly altered and have the appearance of clay seams.

"On this property the schist is cut in many places by quartz veins a few inches wide, from which branch minute reticulate veins impregnating the body of the schist. Samples taken of the country rock all show the presence of gold. It is probable that this metal is contained in the minute stringers, while the unaltered schist is barren. The quartz and gold were deposited in the shattered schist from ascending solutions coming from the underlying cooling magma. In this case apparently the values have been disseminated widely through the schist. The limits of the gold-bearing schist have not been determined in 2 crosscuts driven upon the property.

"This property is developed by several hundred feet of tunnels and drifts. In general the values vary from 40 cents to \$3, with a few as high as \$7 and \$14 per ton. From a glance at the assay map (July, 1916), it appears that (excluding the

high assays) an average value of \$1.75 per ton is attained.

"A test mill of 75 tons per day capacity was built, which crushed with Chilian mills and cyanided the slimes.

"The climate, topography and transportation facilities are favorable for all-the-year-round operations."

Ref. Swartley, 14:215  
Gilluly, Reed & Parks, 33:52  
Parks & Swartley, 16:207 (quoted)  
Prescott

Pg 23-14A

SCHIST MINE, Baker County, Connor Creek District, Update (1-24-80)

H.C. Brooks

I visited the property on 1-23-80 with Stan Ausmus, Jack Humbert, Tom Powers, Tom Watkins, Paul Danielson, Steven Gardels and Gardel's assistant. (See footnote)\* We also visited The Flagstaff mine in the Virtue mining district. The following information was given to me by Humbert and Powers during the trip.

Location of claims covering the old mine and adjacent area is underway by Flagstaff Mines, Inc. The company plans some exploration drilling. If the program is successful, mining will be done by E.R. Fegert Construction Company, Othello, Washington.

Ausmus and Gardels visited the area in anticipation of permit applications.

\* Flagstaff Mines Inc. is owned by Jack Humbert, John Trickle and Dick Coughren. Humbert is a building contractor, Trickle is an electrician in Baker, and Coughren is a dentist in Pasco. The company is not authorized to sell stock to the public.

Powers is a friend and sometime business associate of Fegert. He is a farmer and land developer in the Pasco area. Danielson and Watkins are geologists employed by Fegert and Powers. Gardels is the DEQ rep., Pendleton office.