

State Department of Geology and Mineral Industries

1069 State Office Building
Portland 1, Oregon

GOLDEN EAGLE MINE (Gold)

Greenhorn District

Baker County

Owner: F. R. Klein.

Location: E $\frac{1}{2}$ of sec. 15, T. 10 S., R. 35 E.

Area: 100 acres of patented ground located in 1896 and patented in 1904.

History: This mine is said to have produced altogether about \$75,000. It has been operated since 1928.

Equipment: Car, track, and tools.

Geology: Workings on at least two levels lie in serpentine along large faults trending northwest and southeast. These faults have very smooth and well-defined slickensides. They dip between 50 degrees and 70 degrees to the northeast. The gangue is principally quartz with some dolomite. Sulphide ores are chalcopyrite and galena.

Development: Development and geology are shown on page 117 of Pardee and Hewett, "Geology and Mineral Resources of the Sumpter Quadrangle." There has been no further work of any importance since that time.

Remarks: Mr. Klein is now at work developing the upper level and plans to pump out the lower tunnel.

Informant: F. R. Klein through J. E. A., 1938.

QUARTZ PROPERTY

1. Name of property Golden Eagle Mine
Operating company (or individual) Mrs. F.R. Klein, Whitney.
Address Whitney
Location of property
Acreage of holdings patented claims.
2. History of property, past and recent: Ludgven's report. (2 m. from Buarca.)
3. History of production:
4. Development: Number of levels, lengths of drifts and cross-cuts, raises, etc.:
5. General description and equipment on hand, topography, country rocks, elevation, timber, water, snow fall, climate, power, etc.
6. Geology - General and local. Ore geology - type of deposit, i.e., vein, mineralized zone, bed; contact relations, attitude and orientation, vein minerals, gangue, type of mineralization, alteration, enrichment, etc.
7. Metallurgy - nature of ore, hard or soft, free-milling, base, direct shipping, etc. Kind of mill and equipment in use or planned, current daily tonnage of ore or concentrates, approximate value, freight rates to smelter, etc.
8. Remarks - economics: High or low cost, principal drawbacks, reasons for success or failure, apparent life of operation based on apparent quantity of ore available.

GOLDEN EAGLE MINE

Greenhorn District
~~Grant~~ County

Baldwin

Owner: F. R. Klein.

Location: E $\frac{1}{2}$ of Section 15, T 10 S, R 35 E.

Area: 100 acres of patented ground located in 1896 and patented in 1904.

History: This mine is said to have produced altogether about \$130,000.
It has not been operated since 1928.

Equipment: Car, track, and tools.

Geology: Workings on at least two levels lie in serpentine along large faults trending northwest and southeast. These faults have very smooth and well-defined slickensides. They dip between 50° and 70° to the northeast. The gangue is principally quartz with some dolomite. Sulphide ores are chalcopyrite and galena.

Development: Development and geology are shown on page 117 of the "Sumpter Quadrangle" report. There has been no further work of any importance since that time.

Remarks: Mr. Klein would like to have a more detailed survey of the property at some future date. He is now at work developing the upper level and plans to pump out the lower tunnel.

Informant: F. F. Klein.

June 30, 1938

John Eliot Allen

John Eliot Allen
Field Geologist

DEPARTMENTAL RECORDS on file in

DEPARTMENTAL RECORDS

MINOR

PLAN

Handwritten notes in right margin:
Number of claims...
Area...
Patented...
Unpatented...

NAME

OLD NAMES

PRINCIPAL ORE

MINOR MINERALS

T10S R35E E¹/₂ Sec.15
T R S

PUBLISHED REFERENCES

Parks & Swartley 16:105
Pardee & Hewett 14:116
Ore. Metal Mines Handbook 14A pg.54

MISCELLANEOUS RECORDS

Baker COUNTY
Greenhorn AREA
5500 ELEVATION
ROAD OR HIGHWAY
about 8 mi. Tipton DISTANCE TO SHIPPING POINT

PRESENT LEGAL OWNER (S) F.R.Klein
.....
.....
.....
.....

Address Baker, Ore.
.....
.....
.....
.....

OPERATOR

Name of claims Area Pat. Unpat.

Name of claims Area Pat. Unpat.

100 acres patented ground

EQUIPMENT ON PROPERTY

5+1000 G.P. Baker

REPORTS

Field notes on survey by JEA 6/30/38

X

SHIPMENT AND ASSAY RECORDS

MAPS

Workings & Vertical Cross section -

X

Is this the same Golden Eagle - My notes don't specify any location

Plan

X

Claim map Dr. Mohr 1904

X

GOLDEN EAGLE MINE

The Golden Eagle is in serpentine the principal vein of which has a maximum width of 3 feet on which some faulting has taken place. On this vein the gangue is principally quartz, while on the two other mineral-bearing veins the gangue is a creamy-colored dolomite. Chalcopyrite, galena and gold are the principal ore minerals.

GREENHORN
MT. REGION
VICINITY OF
GREENHORN CITY

Owned Mrs. F. R. Klein, Whitney.

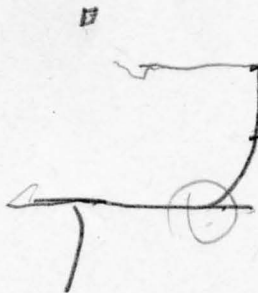
2 m. from Bonanza Mine. Visited 6/30/38 JRA

Greenhorn

6/6/38

Mrs. F. R. Klein - Whitney

"Golden Eagle" - 4 m. beyond
Tipton, W. of road, near
2 m E Morning Mine.



Visited 6/30/38

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

Baker Co

Page 3. The Gold Eagle Mine.

In my opinion this property does not show promise as a source of antimony ores. Due to its inaccessible location, and the condition of its workings, it appears to be a very poor bet for any kind of mining.

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