

NAME

OLD NAMES

PRINCIPAL ORE

MINOR MINERALS

19S                      35E 2 mi. N. Greenhorn

T                                      R                                      S

..... Grant or Baker ..... COUNTY

..... Greenhorn ..... AREA

..... about 6000 ..... ELEVATION

..... ROAD OR HIGHWAY

..... 2 mi. Tinton ..... DISTANCE TO SHIPPING POINT

PRESENT LEGAL OWNER (S) John W. Douce .....

Address 4227 3/4 Burns Ave., Los Angeles, Cal. .....

OPERATOR .....

Name of claims                      Area    Pat.    Unpat.

Name of claims                      Area    Pat.    Unpat.

EQUIPMENT ON PROPERTY

PUBLISHED REFERENCES

Oregon Metal Mines Handbook 14B:77  
Lindgren 01:697  
Swartley 14:187  
Fardee & Hewett 14:114  
Parks & Swartley 16:106  
Hewett 31:20, 36

MISCELLANEOUS RECORDS

DEPARTMENTAL RECORDS on file in

RECORDS AND VASSAL RECORDS

Belcher

see Golden Gate

Gold

NAME

OLD NAMES

PRINCIPAL ORE

MINOR MINERALS

646

NS

35 E

2 mi N of Greenhorn

PUBLISHED REFERENCES

T

R

S

Grant or Baker

COUNTY

~~Oregon Metal Mines Handbook 14:54~~

Lindgren 01:697

Hewitt 21:20, 36

Greenhorn

AREA

ELEVATION

MISCELLANEOUS RECORDS

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EQUIPMENT ON PROPERTY

DEPARTMENTAL RECORDS on file in

DEPARTMENTAL RECORDS

Lang G.P.

# GOLDEN GATE MINE

GREENHORN  
MT. REGION  
VICINITY OF GREEN  
HORN CITY

The Golden Gate mine, two miles east of Greenhorn, has 3 veins upon the property. The Golden Gate and Belcher veins have nearly all of the developmnt. The Golden Gate vein is some 40 feet in width, most of which is quartz. But little work has been done upon this vein in the last 10 years. Judging from the general appearance of the quartz, and from the fact that little has been done upon it in the last five years, the values are probably low.

The country rock next to the Belcher vein is greenstone and greenstone breccia. The greenstone is a fine-grained greenish-colored rock. Its appearance indicates that originally it was an andesite. The breccia is grayish-green in color and the angular fragments an inch or more in diameter consist of dense, almost purplish-colored, rock. These fragments are probably trachytic in composition. The matrix is a rather indeterminable mass which seems to consist of a more or less granular aggregate, now nearly obscured by the alteration products, chlorite and calcite. It has been badly altered by surface weathering and the oxidation is quite deep.

This vein strikes N.-NE. and dips steeply eastward. The quartz is lenticular, with a maximum width of 3 or 4 feet, diminishing in places to a streak of gouge. There are 2 tunnels upon the vein, the upper some 800 feet long and the lower, together with crosscuts and raises, amounts to some 2,400 feet. The shoots said to contain the best ore are found not very far from the mouth of the lower tunnel. The two shoots are about 225 feet and 60 feet long, with a maximum width of 20 inches. Some distance farther in is a third shoot, with much less quartz and about 200 feet long, with a maximum width of about  $3\frac{1}{2}$  feet. A 10-stamp mill is under construction to treat the ores from the Belcher vein.