

NAME

OLD NAMES

PRINCIPAL ORE

MINOR MINERALS

T&S

R35 1/2 E

Sec. 27

PUBLISHED REFERENCES

T

R

S

Oregon Metal Mines Handbook 14B:57

..... Grant ..... COUNTY

..... Granite ..... AREA

..... about 5000 ..... ELEVATION

MISCELLANEOUS RECORDS

..... ROAD OR HIGHWAY

..... about 19 mi. Sumpter ..... DISTANCE TO SHIPPING POINT

PRESENT LEGAL OWNER (S) F. J. Barker .....

Address ..... Unity, Ore .....

..... Chas Gunich .....

..... Granite, Ore .....

..... Nels Stevens .....

..... " " .....

OPERATOR .....

Name of claims Area Pat. Unpat.

Name of claims Area Pat. Unpat.

6 claims

EQUIPMENT ON PROPERTY

## NEW YORK MINE (Gold)

Granite District

Granite Area

Owners: F.J.Barker, Unity, Oregon, owns the New York claim. Charles Gunich and Nels Stevens, Granite, Oregon, own remaining five claims.

Lessees: Frank A. Hancock and Albert Anderson, Granite, Oregon, and Charles Maxwell, Bellingham, Washington.

Location: NE corner of sec.27, T.8 S., R.35 $\frac{1}{2}$  E.; just south of the old Independence mill on the east side of the creek.

History: First discovered by Johnson 40 years ago; owned by Graham until 1932. Present owners are F. J. Barker and Wisdom of New York. Leased in 1936 and 105 tons of \$27 ore were shipped. New lease with Hancock and Maxwell in summer of 1937. All development work has been done since July 12, 1937. The proerty is idle at the present time (1941).

Equipment: Several hundred feet of tracks and cars. The mill flow sheet is as follows: One inch grizzly; 5x7 crusher; 6x8 cyanide supply tank; 2 $\frac{1}{2}$  h.p. motor for 2'xl6' Dorr classifier; 3x3, 15-ton, ball mill with 10 h.p. motor; 8'x8' Dorr agitator; 8'xl6' thickeners; 2'xl0' 7-cell precipitator; 8'xl2' sump tank; air vacuum, and solution pumps, and a small melting furnace.

Geology: The country rock is a typical gray argillite. The ore zone runs nearly due north, dipping about 80° to 85° E.; in places the strike ranges from N.35° W. to N.4° E. The ore varies in width from 3 to 7 feet and consists of a soft red muck containing some fragments of altered argillite and frequent lenses of white argillaceous material. At the end of the lowermost tunnel fine pyrite appeared at a depth of about 150 feet.

The ore will not yield gold in a pan, being too finely divided and talc-covered; but it is amenable to the cyanide process. The mill heads have been running \$8.00 to the ton, and about 1000 tons have been milled.

Development: At the present time development consists of 5 tunnels totaling about 900 feet, all except one (100 feet) being on the same vein. This vein has been developed for a distance of 800 feet and to an average depth of 50 feet. The proven ore reserves are at least 5000 tons, and open cuts further north indicate that the vein will continue for some distance. The ore reserves may be considerably greater in the oxidized zone.

Informants: Hancock and Anderson; J.E.A. 6/30/38; H.K.L. 9/10/40.