INTERNATIONAL EDITION

THE MINES HANDBOOK

AN ENLARGEMENT OF

THE COPPER HANDBOOK

Founded by Horace J. Stevens, 1900

A MANUAL OF

THE MINING INDUSTRY OF THE WORLD

BY

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VOL. XIV

Supplementing Volumes I to XIII

Price $15.00

PUBLISHED BY

W. H. WEEDE
New York City
1920
and generator, 525 cu. ft. compressor, 25-h. p. hoist, with smaller compressor and hoist, also necessary buildings, numbering 18.

Production: total to end of 1919, about 400 tons of ore said to have averaged 31% copper and $12 gold and silver.

Property shut down most of 1919, as owing to high overhead charges, and lack of large reserves costs were too high to yield a profit. Mine needs further development before it can become a substantial producer.

NONPAIRIL MINING CO.
Inc. 1919, in Nevada.

Property: Nonpairil group on Lincoln hill, Rochester mining district.

Pershing county: mine is credited with a production of $30,000 in gold.

NORTHERN LIGHT COPPER CO.
Address: 515 Doisy Bk., Salt Lake City, Utah.

Property: 6 claims, 20 miles east of Yerington, Lyon county, producing some copper ore in August, 1919. The mine was closed for a considerable time, but late developments are said to be "surpassing expectations."

NORTH MOUNTAIN MINING CO.
Address: John Derr, 515 Doisy Bk., Salt Lake City, Utah. Mine operated under lease by Marion L. Thomas, 2 Rector St., New York City, and J. W. Walker, Cherry Creek, Nev.

Property: Gilligan group, 11 patented claims in the Egan district, near Cherry Creek, White Pine county, first operated in 1870 under management of General Rosencrans.

Ore occurs in veins cutting quartzite, that are from 4 to 5' wide, run E-W and dip steeply N. In 1884, a 1,600' tunnel was driven which is reported to have cut the vein 1,100' from the portal at a depth of about 600' on its dip. The demagnetization of silver stopped further development until 1918, when operations were resumed. Management reports recently opening up 4' of ore on the tunnel level running 25 oz. silver.

NORTH NEVADA MINES CO.
Address: C. K. Jarvis, Reno, Nev.

Property: claims at Fairview, and 7 claims on Rebel Creek, northeastern Humboldt county, acquired late in 1919. The latter have 600' of tunnels and other work, ore carrying silver and gold.

NORTH STAR MINING CO.
Address: 888 Union Trust Bldg., Providence, R. I.; also 50 Broad St., New York City. Mine office: Elko, Nev.

Inc. Feb. 16, 1917, in Nevada. Cap. $300,000; par $1; all outstanding.


Property: the Onondago and Zenoli mines about 1/4 mile apart, in Safford district, Nev. The Onondago group of 6 claims, 100 acres, 1 1/2 miles from Barr, Elko county, is developed by 800' tunnel and 200' shaft. Another property of about 200 acres, near Elko and held under option is being developed. Claims said to show 3' of high-grade silver-lead ore, near surface, with the vein outercrop traceable for 2,000'. Ore: sulphide, occurs in fissure vein in limestone and said to average 40% lead and 4 oz. silver. Developed by 165' incline shaft.

Equipment: power plant destroyed by fire to be re-built, and a 50-ton