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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Montana; Nature of Ore
Deposits, etc.

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waste-filling system as the walls in the lower levels are insecure, caving in large masses, thus making the shrinkage system of stoping used above the 400' level inapplicable in these lower workings.

**Development:** by shaft and winze, to depth of 2,000', with a total of 66,438' of workings. Exploration in 1916 indicated favorable conditions at depth and during the following year the sub-shaft was sunk from 1,600' to 1,900', 2,000' cuts were driven on the 700 cutting the formation for 1,555' at right angles to the vein, and extending 400' at a depth of 1,400'. Cross-the-strike of the vein. Results at depth were not encouraging and management of the Monitor Belmont Mng. Co., at Belmont, which see. This was relinquished as unprofitable.

The 100-ton Churchill mill, now operated as a department of the Nevada Wonder, ran in 1918 on ore that averaged $2.06 in gold and 13.20 oz. silver.

**Production:**

<table>
<thead>
<tr>
<th>Year</th>
<th>Tons</th>
<th>Oz. Ag.</th>
<th>Tons</th>
<th>Oz. Au.</th>
<th>Total</th>
<th>Value</th>
<th>% per ton</th>
<th>Cost</th>
<th>Net</th>
<th>Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1918</td>
<td>49,710</td>
<td>657,815</td>
<td>5,108</td>
<td>1,200</td>
<td>$742,306</td>
<td>91.82</td>
<td>$10.09</td>
<td>$3.62</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1917</td>
<td>35,800</td>
<td>932,284</td>
<td>7,882</td>
<td>22,940</td>
<td>$222,940</td>
<td>89.10</td>
<td>10.78</td>
<td>3.97</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1916</td>
<td>22,241</td>
<td>1,352,615</td>
<td>11,466</td>
<td>1,122,835</td>
<td>92.67</td>
<td>8.90</td>
<td>5.37</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

At the end of November, 1919, company ceased operations. Cash assets total about $400,000.

**NEW WILLARD GOLD MINES CO.**

G. L. Benis, Tohar, Elko county, Nev., gen. mgr., at last accounts.

**Property:** the Pola Star group near Tohar, has a zinc-lead deposit, 40' wide and opened for 600' on surface. Ore average from 30-35% zinc and 4-5% lead. Developed by tunnel and 500' shaft. Reported producing at the rate of 200 tons per month in 1917. No recent returns.

**NEW BONANZA COMSTOCK MINES CO.**

Gurney, Kline, C. A. Garret, T. B. Gordon, F. M. Klepke, and O. R. Vaughn. Capt. $75,000; 20c par. No information as to property outstanding.

**NEW JERSEY MINES CO.**


Established Jan. 15, 1912, in Nev. Capt. $1,250,000; shares $1 par; outstanding 1,010,850 shares; assessable 1c per share per year. Registrar & Transfer Co., New York, registrar.

Treasury report for year ending March 31, 1917, shows receipts of $730,000, which includes assessments, $69,000, sale of shares, $1,000,000, renewal of note, $4,500,000. Disbursements amounted to $17,967, leaving balance on hand, $346. There were only $1,500 owing on the note. No later returns given out.

**Property:** claims, 3 patented, 53 acres, several mines N. E. of Goldfield, said to show gold-silver ore.

**Development:** 500' shaft, with work done in 1916 on the 300' and 400' levels. Conditions remain as in 1916, showing ore, but not in commercial amounts.

**NEW TUSCOSURA MINING CO.**

J. R. Austin, v. p.; W. J. Wolstenholme, sec.; Barnhart and P. D. Fennell, directors.

Capt. $50,000; shares 5c par; 500,000 issued.

**Property:** claims in the old Tuscosa district, Elko county, Nev.

**Development:** tunnel (in 750' Nov., 1918) being driven to cut the vein. Shallow shafts said to show ore with high values in gold and silver.