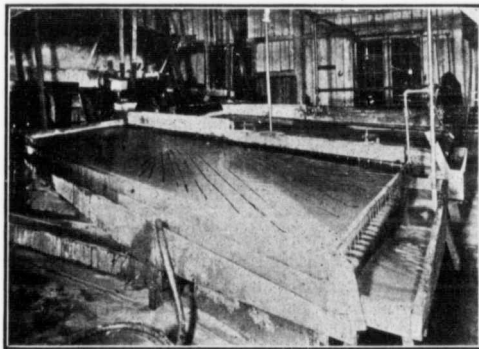


leading statement is that a conservative estimate of the gold and silver production of British Columbia during the year 1902, exclusive of the Atlin district, shows a total production of \$11,516,000, whereas the actual production, as shown by official figures, including Atlin's production of placer gold, \$400,000, was \$7,902,737. Then there are absurd statements relative to the erection of coke ovens at Midway in connection with the Ashnola smelter, and the expected finding of an unlimited supply of coking coal surpassing that of the Crow's Nest Pass, on the North Fork of Kettle River within 50 miles of Grand Forks," which are simply emanations from the over-vivid imaginations of certain well-known "hot air" boosters of the schemes concerned. These gross mis-statements certainly are not of the kind that "have been proven or can be readily authenticated," so that if they are a fair sample of the news "Resources" will continue to supply its readers the sooner it shall cease publication the better. On the other hand, if it will use care and discrim-

machine drills supply the mill and only about 20 miners are employed including muckers and timbermen. The ore is hoisted from the different levels in a self-dumping skip which deposits it in a large bin at the top of



Stemwinder Mill and Buildings.



Ostenburg Concentrating Table used in Stemwinder Mill.

ination it may eventually do much towards serving the purpose for which it avowedly has come into existence, and should make headway until in due course its usefulness shall be sufficiently appreciated to ensure its bringing in a profitable return to those who are enterprising enough to engage in such a venture.

THE CYANIDE PROCESS IN FAIRVIEW.

A CORRESPONDENT writes: A force of 50 men are now working on the Stemwinder mine and the mill is crushing about 100 tons per day. Only 30 stamps are being run at present, as a few more vats in the cyanide plant have to be erected before it will be able to treat the product of the whole mill of 46 stamps. This work is being pushed forward as rapidly as possible and should be completed within two months. The manner of working this property is thoroughly up-to-date and less men are employed than in any mine of similar capacity in the country. The mine is well opened up and the veins are very large and the ground easily broken. Two

the hoisting works. From here it runs by gravity through a large Blake crusher and is carried by one man to the mill a distance of 150 yards where it is dumped into the large mail bins which have a capacity of about 400 tons. From here it passes by gravity through the stamps and to the concentrating tables. The high-grade concentrates are here separated and shipped to a smelter. The tailings and low-grade concentrates run into a flume and are carried by gravity to the cyanide mill where they are automatically distributed in the large leaching tanks, which are 36 feet in diameter by 7 feet high inside measurement and hold over 200 tons of tailings each.

After being leached and the solutions pumped to the sump tanks above, which are 24 feet in diameter by 10 feet high and the pulp is sluiced through four large



Stemwinder Cyanide Plant.

iron doors at the bottom of the tanks, and runs away to a lake a mile off. One man can sluice out a tank in eight hours. The solution runs through precipitation boxes which extracts the gold and after standardizing this is used over again.