

of about 15½ cents a pound. The report represents 94 per cent. of the production of Chile, 71 per cent. of Peru, 58 per cent. of Mexico and 30 per cent. of Cuba.

The discovery of the new vein of ore, showing good values, and similar in size and appearance to the five existing veins, is reported from the Nugget properties on Sheep Creek by Mr. R. H. Stewart, mining engineer in charge of development work there.

In the course of operations designed to develop the Mother Lode and Nugget properties, a tunnel some twelve hundred feet long is being driven from the Mother Lode side of the hill through to the Nugget veins, which are on the reverse slope. It was expected to strike the first, or apex vein at about nine hundred feet, but at 830 feet a totally new vein, of very encouraging appearance, was pierced by the tunnellers. Mr. Stewart's opinion of this vein is that it will be quite as valuable as any of the five existing Nugget veins. Samples for assay have been secured and are now awaiting results.

The five existing Nugget veins which have combined with the Motherlode and Searchlight groups of claims in producing to date over one million dollars in gold will probably be penetrated by the tunnellers within a couple of months. It will then be possible to handle the ore output of these claims in a very economical manner, namely, by bringing all ore back through the tunnel and shipping by aerial tramway to the up-to-date mill which is already established on the Mother Lode property.

So encouraging have been Mr. Stewart's reports, and so excellent the results already obtained from development work that other properties in the vicinity of the Nugget, Mother Lode and Searchlight groups are being considered for possible development. Notable among these are the Reno, which is only a few miles from the Mother Lode mill, with fairly good trail communication.

Announcement of the cross-cutting of an extensive dyke of splendid lead-bearing ore featured the annual meeting of the Maple Leaf Mining Company, held recently at Grand Forks. Samples of the ore taken at different places indicated that the ore ran from 31 to 36 per cent. lead.

This is the new ore body struck some months ago and which was thought to be similar to the ore of the Union

mine, which is adjacent. They had tunneled 40 feet through the dyke by drifting on the contact, this tunnel now being 35 feet in the lead ore. The main tunnel was driven for 178 feet and the drift started at about 100 feet from the portal, going through a red formation for a short distance before encountering the dyke again.

The following were elected directors: J. B. Miller, Walla Walla, S. B. Sangers, Oroville; Thomas Dunlop, Chesaw, C. W. Brown, Molson, Wash.; H. W. Collins, John Donaldson and H. W. Young, Grand Forks. Mr. Young was elected president and managing director, and Mr. Donaldson as secretary-treasurer.

The Granby Consolidated Mining, Smelting and Power Company treated during the month of October 62,000 ton of ore, recovering approximately 1,900,000 pounds of copper.

The Evening Star property, Dayton Creek, near Slocan City, is being opened up with satisfactory results, according to William Moore, the manager. The mine buildings are completed and Winter supplies now are being transported to the mine, which is situated at an altitude of 5,000 feet. In the workings the tunnel found the ledge, which now is being followed in the direction that eventually will bring the tunnel under the shaft. A granite dyke 20 feet in width materially cut down the rate of progress in the drift, but the face is again in the vein, and two shifts of hand-drillers are making good progress. It was Mr. Moore's intention to re-open the Silver Nugget, an adjacent property, this year, but it has been decided to defer this work till next season.

The 2¾ miles of road from the Cowichan Lake road to the mountain top has been completed and ore is being hauled by wagon from the mine to the bunkers which have just been erected on the E. & N. R.

This road has been approved by Mr. H. C. Mann, district engineer, and the provincial government will pay half of its cost. This is under the policy of the department of mines of assisting genuine mineral development.

The road is not intended for automobile traffic owing to its grades. Improvements will be effected to it right along by the mining company. Steady development of the property is now to be anticipated.

The Dolly Varden mine on Alice Arm shipped 2,670 tons of ore during the month of October to the Granby smelter at Anyox.

# BRITISH COLUMBIA

## The Mineral Province of Western Canada

TO END OF DECEMBER, 1918

Has produced Minerals valued as follows: Placer Gold, \$75,436,103; Lode Gold, \$97,121,786; Silver, \$46,839,631; Lead, \$42,294,251; Copper, \$145,741,060; Other Metals (Zinc, Iron, etc.), \$13,278,058; Coal and Coke, \$187,147,652; Building Stone, Brick, Cement, etc., \$28,843,272; Miscellaneous Minerals, \$651,759; making its Mineral Production to the end of 1918 show an

**Aggregate Value of \$637,353,581**

**Production for Year Ending December, 1918, \$41,782,474**

The Mining Laws of this Province are more liberal and the fees lower than those of any other Province in the Dominion, or any colony in the British Empire.

Mineral locations are granted to discoverers for nominal fees.

Absolute Titles are obtained by developing such properties, the security of which is guaranteed by Crown Grants.

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VICTORIA, British Columbia.