

**MINING DISTRICTS OF BRITISH COLUMBIA.**

If any one glance at the map of North America he will see that the mountain ranges which furnish the mines from Mexico through California, Colorado, Utah, Wyoming, Idaho and Montana continue uninterruptedly north into British Columbia, and that these mountain ranges have actually a greater length than in the United States territory to the south. Mr. Dawson, the present director of the Geological Survey of Canada, pointed this fact out some years ago.

It was inevitable that those who had developed the southern part of this area should be the first to continue finding the metalliferous ranges to the north, and that the development, which some day will extend to a greater or less extent over this great northern area, should have its commencement in the south. Therefore, it was no surprise when the prospectors of Montana commenced to make discoveries across the international boundaries on British soil.

It is not many years since the first important mineral outcrop was located in the West Kootenay by the Hall Brothers, who ran across a rich outcrop of copper-silver on Toad mountain while hunting for their horses. This property has developed into the Silver King, now worked by an English company, which has its line of wire tramway to the smelter situated at Nelson, British Columbia. Many other claims were taken up in all directions about this part of the country, and among them the Poorman, a free-milling gold claim, west of Nelson, is still being worked successfully. The next development was on the opposite shore of Lake Kootenay. A number of silver-lead veins were there located and in this camp the No. One dry silver ore mine is still working, and the Delle and others are being developed. These silver-lead occurrences were followed into the Lardeau and Slocan, where higher grade silver-lead has been located than in any other part of British Columbia, running as high as 300 ounces to the ton of ore. The Toad mountain deposits are in a schist, altered diabase with dolomite crystals, and the west side of Kootenay lake has its deposits at the junction of limestones and schists for the most part, and as the granite area is approached dry ores are more plentiful. In the Slocan district the ore is largely associated with copper values and red silver ore is not uncommon; a very coarse-grained galena, however, is the prevailing ore and it contains a surprisingly high percentage of silver. Several concentrating plants are being operated in the district.

One property is worthy of mention through the novelty of operation, namely, the Wonderful on which a stream has been turned into a gorge 400 feet long by 30 feet wide and 40 feet deep, and some \$60,000 of silver ore has been taken out so far.

The ore exported during the present year from Slocan, up to the end of October, reached over 15,000 tons of high-grade silver ore, and about 20,000 tons of lower grade silver-lead were treated in the smelter at Pilot Bay on Lake Kootenay.

It might be noted that the northern continuation of these silver-lead ranges were first discovered on the line of the Canadian Pacific Railway near Illecillewaet, where the preliminary development was not satisfactory, but where some properties are now being opened up on a more extensive scale by an English syndicate, represented by Horne Payne, of London.

The most recent, and one might properly add, the most fashionable, metal mining camp in British Columbia, is very close to the boundary line, to the west of the Columbia river. Here, at Rossland, a cuprififerous pyrrhotite is found to carry a considerable amount of gold in places. The ore occurs in a diabase or gabbro, and it resembles the Sudbury nickcherous pyrrhotite to such a degree that in most instances it would be impossible to separate the two. The Rossland ore, however, contains a good deal of calcite in streaks through it, and at some of the mines it is stated that the gold values are very intimately connected with this calcite. In Sudbury, quartz virtually takes the place of the calcite in the ore, and this is about the only difference physically which one can notice between the two.

As at Sudbury, the Rossland ore is smelted into a matte, and as the present charge for conveyance and smelting reaches \$11 per ton, only the higher grade material can now be handled. The estimated output for the Rossland district in 1895 was \$1,300,000, and for 1896 \$3,000,000.

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**Silver Bell Mining Company**

Assays from surface ore: \$24.35, \$42.96, \$53.00, \$52.30, \$51.90, \$85.26.

Ore taken from the bottom of the shaft on Oct. 26th, assayed, \$103.14.

Situated two miles from Rossland, B.C., has good shipping facilities and all other conditions favorable for a paying mine.

**TREASURY STOCK** is now on the market at Fifteen (15) Cents. The remarkably fine showing from development work warrants even a higher figure. Machinery now being installed.

(NOTE.—Before purchasing, Rossland residents and visitors are invited to call at the company's office and a representative will gladly show them the property.)

**The Silver Bell Mining Company,**  
ROSSLAND, B. C.

**G. A. POUNDER, Pres.      W. J. GREEN, Vice-Pres.**  
J. A. SCAMAN, Secretary.

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CAPITAL \$1,000,000, in Shares of \$1.00 Each, Fully-Paid and Non-Assessable.

TREASURY      300,000 Shares.

This Company has been formed to operate the Ixex Mineral Claim, adjoining the famous Silver Bell mine.

There are three distinct ledges on the property, including the main ledge of the Silver Bell.

Development work is now in active progress. Five men are employed.

First block of Treasury Stock on the Market at 6 cents.

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**DAILY EXCEPT SUNDAY.**

Leave.		Arrive.
10:30 a.m.	ROSSLAND	3:25 p.m.
9:20 a.m.	NELSON	3:25 p.m.
7:20 a.m.	SPOKANE	7:20 p.m.

Passengers for Kettle River and Boundary Creek connect at Marcus with stage daily.

**COLUMBIA & WESTERN RAILWAY**

Time Table in Effect July 1, 1896.

No. 2, PASSENGER, Daily except Sunday—	
Leaves Rossland	7:00 a.m.
Arrives at Trail	7:45 a.m.
No. 6, PASSENGER, Sunday only—	
Leaves Rossland	8:30 a.m.
Arrives at Trail	9:15 a.m.
No. 4, PASSENGER, Daily—	
Leaves Rossland	3:20 p.m.
Arrives at Trail	4:20 p.m.
No. 3, PASSENGER, Daily except Sunday—	
Leaves Trail	10:10 a.m.
Arrives at Rossland	11:30 a.m.
No. 1, PASSENGER, Daily—	
Leaves Trail	5:20 p.m.
Arrives at Rossland	5:45 p.m.
No. 5, PASSENGER, Sunday only—	
Leaves Trail	11:20 a.m.
Arrives at Rossland	11:45 a.m.

Connection made at Trail with ALL STEAMERS, both up and down the Columbia river.

For freight rates and further particulars, write to  
F. P. GUTELIUS, Gen'l Supt.      Rossland, B. C.