

A QUESTION OF DUTY

A Long Debate Under Board of Trade Auspices.

THE SMELTER UNDER FIRE

A Resolution Against the Imposition of an Export Duty on Ores, and a Substitute Offered, But No Action Was Taken—Another Meeting.

In response to a call issued by Ed. Hewitt, J. S. C. Fraser, Oliver Durant, C. O. Lalonde and Dr. Boves, a meeting was held Monday evening in the city council chamber for the purpose of considering the question of placing an export duty on Canadian ores.

Chairman Durant explained that the object of the meeting was to get an expression of public opinion as to the policy of passing an export duty on ores.

Finally Mr. Lalonde poured oil on the troubled waters by suggesting that the meeting adjourn to meet in some larger place on Wednesday night so that a fuller expression of public opinion could be secured.

Before adjourning the chairman appointed a committee of three, consisting of Messrs. Lalonde, Cooper and Curtis, to confer with the city council as to an exhibition of Roseland ores at Toronto, and also as to the entertainment of the British Scientific Association.

A League Formed to Prevent Transgression of Sabbath Business. A well attended meeting was held in the First Methodist church on Sunday and a Sabbath Observance league was formed.

Mr. Hayward, who represented the Episcopal church, was strongly in favor of the observance of the Sabbath and he quoted many chapters from holy writ in support of his position.

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At the close of the meeting 100 of those present signed the roll.

On Wednesday last Haskins and Brown had a preliminary examination at Revelstoke and were held to answer before the supreme court for having by subtle and fraudulent means wrecked the Orphan Boy company.

The court, in summing up, pointed out that there was nothing to show that the company was solvent when the resolution granting a monthly salary of \$150 to the manager and \$100 to the secretary was passed.

It was suggested by Mr. McCrea that the facts of the situation be presented to the minister of railways and to the managers of the Canadian Pacific railway.

time," said Chairman Durant. He held that the erection of the Northport smelter would be of benefit to a large number of small mines, as they would get the benefit of cheaper transportation and lower smelter charges.

Mr. Anzlay remarked that ores could be treated as cheaply at Trail as at Northport, and Mr. Durant very frankly told him that he did not know what he was talking about, as he did not understand the situation as to fluxes and other matters that affect the cost of smelting.

Mr. Curtis doubted if the government would place a duty on ores, as it simply meant a tax on the mines. Mr. Heinze, he said, had favored a tax of 75 cents per ton for two years past, simply because if such a duty was imposed he could add that much to his smelting charges.

Mr. J. McMillan moved that the following be adopted as a substitute for the resolution introduced by Mr. Curtis: Resolved, that whilst not prepared to express an opinion at this time as to the wisdom or otherwise of placing an export duty on ore, yet in view of the increasing output of the mines of the Roseland district and of the urgent necessity of securing lower freight rates and treatment charges to deal with these ores, this meeting of citizens of Roseland and members of the board of trade urges upon the Dominion government to at once take into its serious consideration what can be done to attain this end, and at the same time secure the treatment of the ores in British Columbia.

On the Troubled Waters. Finally Mr. Lalonde poured oil on the troubled waters by suggesting that the meeting adjourn to meet in some larger place on Wednesday night so that a fuller expression of public opinion could be secured.

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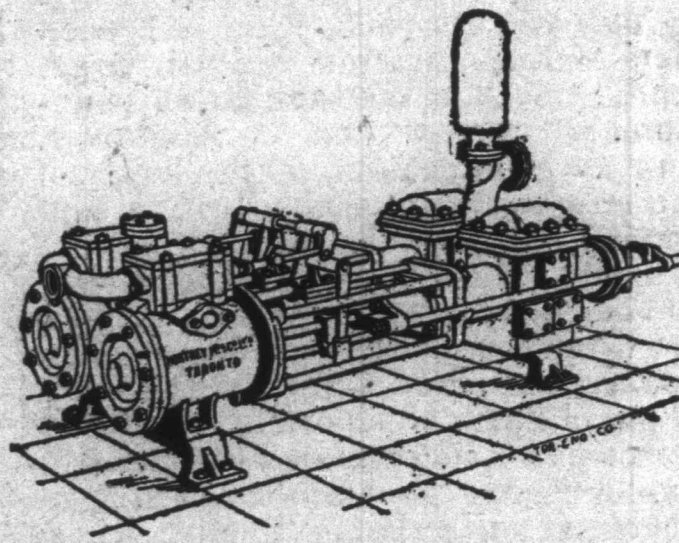
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HEAD OFFICE, ROSSLAND, B. C. MINES, WILD HORSE CREEK.

FRANK H. YOUNG, Merchant, President. J. T. MCKENZIE, M. D., Secretary-Treasurer.

FRANK H. YOUNG, Merchant, Rossland. J. H. McDONALD, Miner, Rossland. J. T. MCKENZIE, M. D., Rossland. G. W. WILLARD, Miner, Rossland. J. M. EDGREN, Miner, Rossland.

BANKERS: BANK OF BRITISH NORTH AMERICA. OFFICIAL BROKER: RICHARD PLEWMAN, ROSSLAND.

The company is the owner of the "Boston," "Cumberland," "White Rose," "Hidden Treasure" and "Copper Cape" mineral claims. The title is perfect, there being no charges or incumbrances of any sort recorded against the property.

The following is the Engineer's report on the property: ROSSLAND, B. C., December 2, 1896.

As requested, I have visited the Cumberland group of claims: a tributary of Salmon river, in Nelson division of West Fork of Wild Horse Creek, a tributary of Salmon river, in Nelson division of West Fork of Wild Horse Creek, ten miles south of Nelson, and nine miles south-east of the Silver King mine, and one mile north of the Elise.

This group of claims is about six miles from the Nelson & Fort Sheppard Railway, from which it is reached by an easy trail. A wagon road with an even grade could be built from this group to the Elise, at a cost of about \$1,000.00.

The property consists of five full claims: each is 1,500 x 1,500 feet. Cumberland and White Rose, on the west side of Wild Horse Creek; Boston, Hidden Treasure and Copper Cape, on the east side of the creek. These three claims show good, strong veins, but no work has been done. The veins all have a northeast and southwest trend or strike.

The White Rose vein has been exposed for some distance, and shows a ledge about four feet wide. The country rock is a slaty schist, standing nearly vertical, the planes of stratification being north and south. The vein matter is composed of quartz and iron sulphides, carrying gold and silver. The Cumberland vein has been exposed by an open cut of some eight feet, and a shaft five feet in depth, and shows the vein to be about three feet wide.

The vein matter in this ledge is quartz and iron sulphides, the sulphides at surface having been oxidized to some extent. The strike of the Cumberland is northeast and southwest, and dips to the northwest. The country rock is a slaty schist, and stands almost vertical, the planes of stratification being north and south. This has every appearance of being a true vein, and no fear need be entertained of its giving out.

This group of claims is favorably located, being only six miles from the Nelson & Fort Sheppard railway. By this and connecting railroads, all smelters can be easily reached. The Nelson smelter is nearest; but the Pilot Bay and Trail smelters, as well as those in the United States, are easily reached. There is an abundance of timber standing on the claims, sufficient for mining and building purposes for some time to come.

A never-failing supply of water can be obtained from the creek which runs across the group of claims. I would advise that a shaft be sunk to a depth of one hundred feet on the ore chute now exposed, and the manner of prosecuting future development be decided upon when the strike and dip of ore chute be more definitely determined from such work.

I regard the surface indications as favorable for the development of profitable ore bodies with depth. HENRY KEHOE, Mining Engineer.

Since the foregoing report was made by Mr. Kehoe, considerable development work has been done upon these claims under his able supervision. A shaft 25 feet deep has been sunk upon the Cumberland, from which assays have been made running \$16.00, \$18.00, and the highest \$20.00 in gold and 67 ounces in silver.

On the Hidden Treasure another shaft has been sunk to a depth of nearly 25 feet, and from it \$11.00 and \$14.00 assays in gold were taken. Four men are now engaged upon the property, and the cost of all development work to present moment has been borne by the promoters.

The trustees, through the company's official broker, now place upon the market 100,000 of the Treasury Shares for sale at 5 cents per share. The by-laws of the company provide that no debt shall be contracted by the directors unless the money is actually in hand at the time of contracting such debt to meet the same when due. Address all communications to the Official Broker: RICHARD PLEWMAN, 9 Imperial Block, Rossland, B. C.

THE TRAIL

Two Dollars

Impressions on a Receipt

Heinze's Big

GOLD READY FOR

Description of the Vase Through Which the Precious Metal is Drawn in Canada's Only

The fact has already been made known to the public that the Trail smelter is the only one in the world that produces gold in the form of a refined metal. Part of a day's work there but served to emphasize that the Trail smelter is the only one in the world that produces gold in the form of a refined metal. Part of a day's work there but served to emphasize that the Trail smelter is the only one in the world that produces gold in the form of a refined metal.

How the Ore is Smelted. The ore for roasting is about 50 feet long, 20 feet wide and 12 feet high. The form of an oblong pyramid is made of dry wood. The coal oil is poured on the wood base and a match flame flicks around the ment and the wood is throughout. The sulphur in the ore takes fire and the heap soon becomes with vent holes here and there. The ore supplying it requires about six out the entire mass. The six heaps now on fire are most ready to start and burn out. Those burn huge under piles. The side as it is being burned takes on the most brilliant iron colorings and the comes from the vent holes richly colored.

As a matter of fact it is all smelted as it gets through process. It is from nearer copper matte. The ed with very little expenditure of capital with the roasting process is an economical smelter has plenty of capital with the ore and hold it. For months the Trail smelter ceiving ore much more could treat it hence hand.

The refinery is a natural thing place about the in a building erected for purpose, off by itself against visitors. Here the youthful looking has spent many days, in the most patient endeavor certain new methods of the gold from the coped by the smelter has been completely successful in the Mixer and duct of the furnaces can yield up its gold and desired.

About 225 tons of ore being smelted, which \$30 per ton, a low estimate, \$6,750 a day, or a little of gold a day. This is more than the amount of gold made Wednesday night, gold is in the ore treated every week to make five pound bricks, or a total pounds of the precious metal.

From Matte to Gold. The matte used in very high grade, running and dollars to the ton, a broken has a bright little blifter spots all the high grade matte is special furnace in the thus still further reduce extraction of gold and a purely chemical process acids play a prominent gold emerges from it in the form pulp. This is wrapped into iron pots for drying. The process is completed when it is the consistency of meal or flakes of ground into a graphite crucible small furnace. When the molten metal moulds a little smaller brick, and that is the near the gold of the filtering free from all blemish impurity. It is now mint and be converted into gold.

One cannot see the Trail's extensive operation profoundly impressed upon the mind and the heart of Heinze. It is an instance of any camp, state, province or nation, that might well be proud. Profitable employment and much labor, paid month in wages alone, and the stability of the acter and stability of the supply of the province and ing community from the supply of ore.