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H. Bell

BRITISH COLUMBIA MINING CRITIC

"I am Nothing, if Not Critical."—Shakespeare.

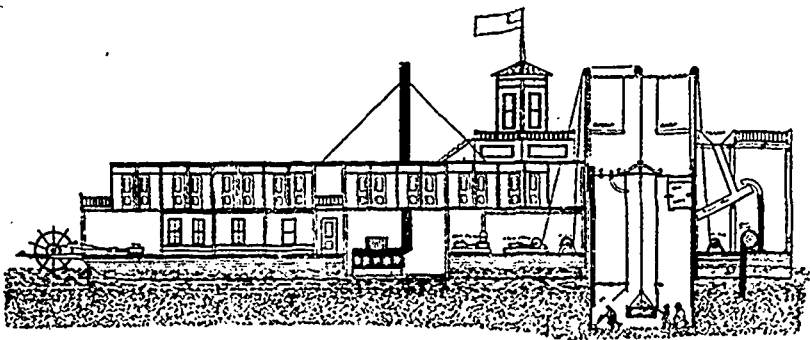
A Weekly Journal Devoted to Mining, Finance, and Commerce.

VOL. II. No. 8.

VANCOUVER, B. C., SATURDAY, JUNE 18, 1898.

PRICE 5 CENTS

Gold ! Gold ! Gold !



River Beds

and how to mine
them without risk
or hardship.

The Cassion Elevator in operation, showing men at work in bed of river.

The Pneumatic Cassion and Air Lock Elevator

PATENT APPLIED FOR.

An Ingenious Device for Recovering Gold from the Bars and Beds of Rivers and Creeks.
Can be as Easily Worked in Fifty Feet of Water as in Five.

The Cassion Elevator is capable of hoisting 360 tons of gravel every 24 hours.

The Pneumatic Cassion and Air Lock Elevator is destined to become an important factor in River Bed Mining, it being the only apparatus known by which the IMMENSE WEALTH in the Yukon and other gold-bearing rivers can be reached.

Practical engineers and others who have examined the plans and specifications of the Pneumatic Cassion have pronounced it thoroughly practicable, and say it cannot fail to do all that the inventors claim for it.

It is expected the Pneumatic Cassion can be worked ALL THE YEAR ROUND, which no other system, either manual labor or machines, can yet do in the Klondike.

An experimental plant is now being constructed and will be on exhibition in a few days in some suitable place in Vancouver.

Syndicates or Companies can make most favorable terms for the right to operate these machines in any part of Canada on royalty or other conditions.

Estimates given for equipment of all sizes of machines.

Plans and specifications may be seen and full information had from

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GENERAL AGENT FOR CANADA.

VANCOUVER, B.C.

HENRY PIERCY, Esq., PRESIDENT.

F. H. JELL, Esq., MANAGING-DIRECTOR.

TREASURY MINES

LIMITED

CAPITAL STOCK \$250,000; 1,000,000 SHARES OF 25 CENTS EACH.

LOCATION OF MINES:

Texada Island, B.C.

REGISTERED AND SECRETARY'S OFFICE:

319 CAMBIE STREET, VANCOUVER, B.C.

Properties owned by this Company, consist of:

Surprise Mine

Situate on Texada Island. Shaft sunk 340 feet, exposing six feet of ore. Assay value \$38.66 per ton. Steam hoist and equipment in operation.

Dude, Dundee, and Comox

mineral claims adjoining the "Surprise" Mine.

MR. W. A. CARLYLE, Provincial Mineralogist, in his annual report for the year ending December, 1897, speaks of this Company's property as follows:—

"If more claims could be developed with the same economy and earnestness shown here by the party of eight Comox men, progress in mining affairs in British Columbia would advance much more satisfactorily. Here, these men banding together their interests and all working, are proving up their property after the manner that has made some of the Western Mining States famous, or by the simple method of talking little and doing much."
"The Surprise, Dude, Dundee and Comox fractions, owned by F. H. Jell et al. Van Anda P.O. lie south-east of the Silver Tip, and on the Surprise a shaft equipped with a horse whim has been sunk 256 feet, along the line of fracturing that runs south-east by north-east and dips south-west at an angle of 61 to 71 degrees, in fine grained greenish felspathic rock. Along this fissure the country rock is shattered and more or less impregnated with quartz, copper and iron pyrites, and sometimes galena and blende. In places for several feet it is barren, then will succeed a mineralized body, from which assays from \$4 to \$44 in gold, silver and copper have been obtained, one such body 18 inches wide, carrying, Mr. Jell states, \$30 in value. At the 64 and 200-ft levels short drifts run along the wall, showing some mineral, and at 250 feet a drift was in 12 feet."

10,000 Shares of the Capital Stock are offered to investors at par. Proceeds to be applied in payment of working expenses on the Surprise Mine.

British Columbia Mining Critic.

"I am Nothing, if Not Critical."—Shakespeare.

WEEKLY EDITION.

Vol. II, No. 8. VANCOUVER, B.C., SATURDAY, JUNE 18, 1898. PRICE 5 CENTS.

NOTICE.

All communications intended for THE EDITOR should be sent direct to

THE EDITORIAL OFFICES,
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VANCOUVER, B. C.

The British Columbia Mining Critic is published weekly in the interest of Mining, Finance and Commerce, and for the protection of investors.

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FRANK S. TAGGART,
Editor and Managing Director.

British Columbia Mining Critic

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EDITORIAL.

The Western Mining World has the following to say regarding the position which the city of Denver holds in the mineral states of the west:

"A careful survey of the mineral empire of the west cannot fail to impress the impartial observer with the fact that Denver is the great center around which mining interests revolve and from which great enterprises emanate. Not only has it become the recognized headquarters for mining deals—a sort of mineral clearing-house—but it has taken front rank as a supply depot for mining machinery, and today is the greatest distributing point in that line in the world. The entire country feels a justifiable pride in Denver—the London of the Great West."

It is only a question of a few years now when every word of the above will apply with equal force to the city of Vancouver as the center of a mineral empire as great or greater than that which supports Denver. Within the past few months every move has tended stronger in this direction. Mining companies whose operations extend from East Kootenay to the Klondike have found it absolutely necessary from a business stand-

point to have a head office located here in Vancouver. Bank after bank is being added to the already large list. Investors from all parts of the world are making their inquiries and doing business largely through Vancouver. On every hand are the evidences that this city is now the recognized center of what bids fair to prove the greatest mining move the world has ever witnessed. The moral is very plain, and alert business men are proving every day that they appreciate the facts outlined.

THAT ALBERNI PROTEST.

The protest contained in the notice recently issued by the Miners' and Traders' Protective Association of Alberni touches on a matter which is certainly worthy of the most careful attention by those who have it in their power to work a change in the condition of affairs. The practice of tying up large numbers of claims for speculative purposes, with no intention of developing them, is certainly a reprehensible one, and calculated to do much harm in any mining country.

There is one phase of the matter, however, which the Miners' and Traders' Protective Association appears to have overlooked. One which is quite as much to the point and as easy to remedy. In many cases three or four men, with a personal understanding, hold several claims, and by each in turn relocating claims held by the others, the ground is tied up for some years by what is really the joint owners, and not one dollar's worth of assessment work is done on any of the claims. This generally pending the arrival of an investor, who finds to his disgust that the country is

held by men who never intend to do anything except "lay for him." On the other hand, it is a difficult and delicate matter to dictate to owners of mineral claims as to the manner in which they shall carry on the work of developing property which they have acquired. Business reasons of a nature not wise to make public may often require a company, in self-protection, to take a course not calculated to work to the best good of the district from a general standpoint. But by all means some general adjustment of the matter should be made looking toward the best good of the mineral industry. The matter is recommended to the newly formed Chamber of Mines for consideration.

GET TO WORK.

The period in the mining history of British Columbia when all a prospector had to do was to cut a few stakes, slip a nice sample in his pocket, and go out and sell his "mine," has passed. It is to be hoped that the passing is forever. The "something for nothing" speculator, who dropped a few dollars in the way of the aforesaid prospector, thinking in time to make thousands out of the "lambs" in far-off countries, has also had his day.

In order to command attention now, a mineral property must have enough development done to demonstrate something of its permanent nature, or the owners must be willing to allow would-be investors to put all or nearly all first payments into the property instead of the pockets of the holders.

In other words, the mining industry and business generally has passed the period of froth and bubble and is now down to a legitimate basis. The sooner locators and small owners realize this and get to work with steel and dynamite, instead of wind and specimens, the sooner they will be in a position to command attention from the keen and alert representatives who are now in the field on behalf of capital. Money is to be had, and in any quantity, but it is no longer buying a streak of rust and three stakes.

EDITORIAL NOTES.

The political fight is now on, and the usual "oceans, seas, lakes, rivers and streams" of talk are deluging the country. Those who are interested in such matters have been, and are yet, waiting for some one to say something. One qualification which the average British Columbia politician appears to possess more marked than any other is the faculty of making a big noise with words without saying anything at all.

We have been sufficiently informed about the personal shortcomings of all parties on both sides. Is it not about time we heard something about what the candidates really propose doing and how they expect to do it?

If reports from various and reliable sources are to be taken, the Bridge River country bids fair to become one of the leading camps of British Columbia. Already enough work has been done to demonstrate that the values are distributed over a large area, and that there is every reason to expect success for judicious investments in this section.

The Phillips Arm country is another section that can be recommended to the careful consideration of those wishing to acquire coast properties.

The people of Vancouver are today deciding whether they want that particular smelter or not. In any event Vancouver as an important smelting point is only a question of a short time.

CAPTAIN MOORE DEAD.

The death of Captain N. D. Moore, at Spokane last week, takes from the northwestern mining sphere a man widely known and generally liked. His life was a most active one. Some years ago he was the "Iron King" of Michigan, and was rated to be worth many millions. Later fortune turned, and when in the Slovan five or six years ago he was comparatively a poor man. He managed the Idaho mines for a time, but later operated with J. D. Farrell of Spokane. Mr. Moore had some valuable mining property in the Florence camp, Idaho, and left his wife and three children well provided for.

A NEW MAP.

Messrs. Mahon, McFarland & Mahon have issued a neat and handy reference map of the business portion of the city of Vancouver.

THE INTERNATIONAL MINING CONGRESS.

The international mining congress, which will meet in Salt Lake City, Utah, July 6th to 9th, 1898, is the direct outcome of the International Gold Mining Convention held in Denver, Colorado, July 7th to 9th, 1897.

The call for the present congress states its object to be "A congress upon the mining, treatment, and marketing of all mineral products and a discussion of all subjects relating thereto." The basis of representation at the congress is as follows:

The governor of each state and territory to name 30 delegates at large.

The county commissioner of each county...to name 5 delegates.

The mayor of each city and town.....to name 5 delegates.

And one additional for each 10,000 population or fraction thereof.

Each mining bureau.....to name 5 delegates.

Each mining exchange.....to name 5 delegates.

Each real estate exchange.....to name 5 delegates.

Each chamber of commerce.....to name 5 delegates.

Each board of trade.....to name 5 delegates.

Each miners' union.....to name 5 delegates.

Each trade and labor assembly.....to name 5 delegates.

All other commercial bodies.....to name 5 delegates.

The programme of arrangements and the papers to be read before the congress have not yet been announced, but if, as is expected by the local committee having charge of the arrangements for the congress, a large number of delegates assemble from all parts of America, indeed from all over the world, the results of the congress cannot fail to be far reaching and of great value to the mining industry. Although the new topics for discussion have not been announced, it is probable that the work begun at the congress of 1897 will be carried on, the results of that congress as given in the circular of information upon the coming congress being as follows:

It has petitioned congress to create a Department of Mines and Mining, with a secretary at its head, who shall be member of the president's cabinet, and thereby recognize the equal importance of the mining industry to that of the agricultural interests of our country.

It has taken steps toward petitioning congress to open, for public research, the vast areas of mineral-bearing lands embraced within what are known as Spanish land grants. This question is known to be one of the greatest importance to California and Mexico.

It has also taken up the matter of the recodification and arrangement of the federal laws, with a view to better serving and protecting the interests of the miner and prospector.

It succeeded in effecting a reduction of the tariff on cyanide, one of the most important chemicals in use by the mining world, and the subject of which was under consideration by congress at the time of the convention.

It advertised the western mineral-bearing section of the United States in the most emphatic manner to all the world, and had the immediate effect of attracting large amounts of eastern capital to mining investments.

It demonstrated that mining, on the same basis as other industries, should maintain an organized and associated strength.

It brought together thinking men from all sections of the country, of varied experience, representing special conditions, and made possible an interchange of practical ideas of the greatest value to everyone engaged in mining as a business.

It will now be in order for someone to rise and explain whether or not any steps are being taken to see that British Columbia has representation at the forthcoming congress. It would appear like an opportunity for advertising our mineral resources which we can ill-afford to let pass unimproved.

NEW MINING PAPER.

Mr. R. A. Fraser will shortly establish a paper at Lillooet to be devoted to the Lillooet and Bridge river mining districts. Mr. Fraser is well acquainted in this section, and is well qualified to get out an entertaining and instructive paper. Should he decide to enter the field, we predict a success for him.

THAT NORTH RIVER TRAIL.

Some idea of the value of the average newspaper information on mining matters generally, and trails in particular, can be gathered from the following pros and cons:

"The new trail from Bridge creek to Kamloops, and known as the North River trail, has been completed. The work of construction was started by John T. Edwards, the well-known and popular North River rancher. The distance between Kamloops and Bridge creek is 64½ miles. It was claimed that the completion of this trail was all that was necessary to make Kamloops without doubt the best starting point for miners and others going to Cariboo, Omineca and Peace river districts."—Vancouver World.

Upon which the B. C. Mining Journal, published at Ashcroft, comments as follows:

"The World has done enough gratuitous advertising of this North Thompson trail through Mr. Smith's voluminous epistles, and it is about time it learned something of the geography of the country or else stopped talking about it. According to Mr. Edwards' report, the distance up the North Thompson is something like sixty-four miles, and then the river to swim, and sixty miles or more to Bridge creek, or between 120 and 130 miles from Kamloops to Bridge creek—we believe the actual distance to be more. The wagon road from Kamloops via Savonas would be easily traveled in four days. The trail, we are informed by letters from those who have been over it, took eight of the hardest days' work the party ever did, and for two days no feed was to be found, and no drinkable water, the water of that section being alkaline. Forty miles of it is a rock trail with absolutely no feed, that is, on the section from Little Fort soon after leaving the Thompson river. We may add very truthfully that so far as the best route to Cariboo, Omineca, Cassiar, etc., is concerned, that from Ashcroft to Bridge creek by a splendid wagon road, with good feed and camping grounds, is only eighty-five miles, and no rivers to swim or ferry. At Bridge creek the North river trail joins the Cariboo road, so from there on both are on the same footing. The advice of those who know is in all cases, if going north from Kamloops, go by the wagon road by all means via Savonas and Cache creek.

STEAMERS FOR THE NORTH.

If the number of vessels destined for the northern trade are any indication, the coming season will be a remarkably busy one. In addition to the number already off the ways for various companies the Wm. Hamilton Manufacturing company, Peterboro, Ont., has recently completed the engines for a large stern-wheel steamer for J. A. Mara of this city. The wheel is 19 feet in diameter with buckets 9 feet long, which take a dip of 30 to 34 inches; on either side of the wheel the cranks are placed. The crank shaft is a steel forging 10 inches in diameter and 24 feet long. The engines are aft on each side. The boiler is placed well forward, about 70 feet from the engines. The engines run 30 revolutions per minute, and the boiler pressure will be 160 pounds. The power developed is calculated at 2,300 h. p. Speed, 18 miles per hour. The cylinders are 17 inch and 6 foot stroke. The connecting rods are 24 feet from crosshead to the crank pin, and are built up of plates. From the head of the cylinders to the outside of the paddle wheel will be 48 feet. The boiler is of the locomotive type, 62 inches in diameter, by 7 feet long. In the barrel are 212 inch tubes, 14 feet long. The furnace is 7 feet by 5 feet by 6 feet high inside. The Hamilton Company has now in hand a duplicate set of these engines, building to the order of the C. P. R., for one of their boats running from Vancouver to Fort Wrangol.

From the Camps.

Contributions from any part of British Columbia and the mining districts of a reliable nature will be published in these columns, and we request that mining men write us about the progress of the mines of their district. We desire to publish all mining news.

ASHCROFT.

At a meeting of the stockholders of the Ashcroft Gold Mining Company, held at the company's office in Ashcroft, and attended by nearly all of the stockholders in person or by proxy, it was decided to increase the capital stock of the company to \$50,000, and, as soon as arrangements could be concluded, to begin the construction of a flume and ditch to add to the water supply. The showing so far this season, for the limited amount of ground handled, is regarded as good.

KAMILOOPS.

The Charlotte claim, owned by Messrs. Fowler, Lyons and Carter, is showing up very well. A tunnel is now in 160 feet from the first timbers. A change in the formation was struck on Wednesday, the rock showing an improvement in quantity of copper and iron. On the surface a number of crosscuts have been run, which indicate a ledge of thirty feet in width. A number of assays have been taken from an 18-foot shaft on the surface, which run all the way from \$10 to \$60 in values. Two of the owners, Messrs. Fowler and Carter, have been working on the claim for twelve months in the tunnel and six months on the surface, running crosscuts, etc. Work has been done continuously, and it is their intention to stay with it till they strike the lead. It is a pity that more do not emulate the example and pluck shown by these industrious and hardy workers: the camp would be in a better position today if this had been the case. Owners of claims are mostly playing a waiting game, much to the detriment of the camp and themselves.

BRIDGE RIVER.

W. J. B. MacKinnon and Arthur Noel are down from Bridge river, where they have been to examine the Ben d'Or properties. The tunnel is now in about 180 feet, which gives some 200 feet of depth. The tunnel has been run all the way on the lead, which still maintains an average of about two feet.

Reports from Lillooet state that the outlook for quartz mines in the Bridge river district is most excellent, and rich samples of quartz are being brought down almost daily. Over 300 men are now prospecting or doing development work along Bridge river. The Brett Brothers are reported as having a good quartz ledge averaging six feet in width, of high grade, on McGillivray creek, near Anderson lake, about forty miles from Lillooet.

Work is progressing on the Forty Thieves, and, so far, development has proved the property to be up to the owners' expectations. All indications point toward an active season in this section, though in most cases the development work at present outlined is not of a sufficiently heavy nature to give much of an idea of the permanent value of the camp.

NEWS NUGGETS.

The Federation of Miners of the west proposes establishing a home for aged and broken down miners. The building is to cost \$50,000, and the intention is to have the institution supported by the miners' unions of Arizona, Nevada, Montana, Utah and Colorado. A similar idea has been affirmatively acted upon by the California State

Miners' Association, but has not as yet assumed tangible shape.

The British Columbia Gold Fields Company of Toronto has recently placed an extensive order with the Jonckes Machine Company for a ten-stamp battery complete with two vanners, two ore feeders, grizzly, Blake-Marsden crusher, and all the various apparatus making up a complete modern milling plant. The outfit is to be delivered at Nelson, B. C.

The British Columbia Copper Company, Anaconda, B. C., have just contracted with the James Copper Manufacturing Company, Limited, Montreal, for the installation of an Ingersoll-Sergeant ten-drill compressor plant, complete with ten drills, battery of boilers, Lidgerwood hoisting engines, pumps, beaters, and all necessary equipment to make the plant complete.

C. H. Mackintosh, of the British America Corporation, has bought some stock in Halcyon Hot Springs and secured an option on the greater part of the balance. A large addition is to be built to the present buildings. A bottling works will be operated as soon as a plant can be brought from Minneapolis. The water will be aerated, and when bottled it will be sold all over America.

DR. DAWSON ON BRITISH COLUMBIA.

Dr. Dawson, the Director of the Canadian government geological survey, says there is no need for people to go as far as the Klondike in search of gold, as all along the entire length of the Rocky Mountain region in Canada both gold and silver are waiting to be extracted from the mother soil. Continuing, he says: "The development of the resources of British Columbia has heretofore been slow, but, the preliminary difficulties having been overcome, there is every reason to believe it is now on the verge of an era of great prosperity and expansion. Everything tends to the belief that as soon as means of travel and transport shall be extended to what are still the more inaccessible districts, these also will be discovered to be equally rich in minerals, particularly in the precious metals, gold and silver."

A DREDGING PLANT.

Mr. Dill, an engineer from Toronto, is staying a few days in Ashcroft. He will leave shortly for Lillooet, where he goes to build and install the machinery for a large bucket dredge that the company he represents will place on the ground held for dredging purposes for some time by Mr. Amyss. The machinery will shortly arrive at Ashcroft. It is, Mr. Dill states, of the modern type, and he expects with all confidence to make a successful effort to dredge the bottom of the Fraser for its golden deposit.

THE NEW PLACER MACHINES.

The scow for the test of the Pneumatic Caisson and Air Lock Elevator has been put into the water at the north side of Granville street bridge, and the outer caisson has been lowered, and the inner caisson and elevator will be in place by Wednesday or Thursday, at which time the test will take place. The exact time will be announced later.

WANTED—AGENTS FOR "GLADSTONE, HIS LIFE and Public Services," by Thomas W. Handford. A wonderful story of a glorious career. Over 500 large, radiant pages; 100 superb, rare engravings. Richest, biggest, best and only endorsed "Gladstone book" published. Only \$1.50. Commission, 50 per cent. Credit given. Freight paid. Outfit free. Drop all trash and clear \$300 a month with the only true and good "Gladstone book." Address THE DOMINION COMPANY, Dept. 36, 352-356 Dearborn street, Chicago.

THE NEW WAR EAGLE PLANT.

The War Eagle Consolidated Mining and Development Company of Rossland, B. C., have just closed a contract with the James Cooper Manufacturing Company, Limited, Montreal, for a Duplex Ingersoll-Sergeant Air Compressor, and a 300 horsepower electric hoisting engine. The compressor is a duplex machine of the latest type, having two 24½" by 48" air cylinders, and is ample at normal speed to furnish sufficient air for 50 drills. It will be operated by a 500 horsepower motor, and, in place of belting, 22 cotton ropes will be used to drive the machine. As an evidence of the size of this machine, it may be stated that the fly-wheel is 20 feet in diameter and will weigh, when finished, about 25 tons. Mr. Mills, the consulting mechanical engineer for Mr. Gooderham, after an extended tour through the mining districts of Montana, California and British Columbia, and after making exhaustive tests of the efficiency of the various types of compressors, decided to adopt the piston inlet type of machine as being the most economical. The hoisting engine, which is to be operated by electricity, is of 300 horsepower, and has double drums arranged for two-compartment shaft, and is capable of hoisting from a depth of 3,000 feet, the normal working load being 8 tons, and the speed 1,000 feet per minute. The motor, or the hoisting engine is of the induction type, and can work up to 600 h.p. It is reversible, and can run at any speed up to synchronism. Not only will the compressor be the largest machine ever built in Canada, but both the compressor and hoisting engine will be the largest machines on this continent operated by electricity, and it speaks well for the enterprise of Rossland miners, that they are foremost in the field of up-to-date machinery. The motor for the compressor is a 400 horsepower synchronous machine and will run 200 revolutions per minute. The electrical equipment is being furnished by the Canadian General Electric Company of Peterboro, Ont., and the machinery, when completed, will aggregate about fifteen carloads. The plant is to be delivered on cars in ten weeks from receipt of order, and should be on the ground inside of three months. The power will be driven from the works of the West Kootenay Power Company. The War Eagle mine has now been proved to a depth of 625 feet, giving an estimated amount of ore in sight of \$3,500,000. In one place the vein is exposed to a width of 50 feet, giving an average assay of \$25. The force of miners is to be increased to 50 men.

MINING MACHINERY.

The relative proportions of the mining industry in various parts of Canada can be partially estimated by the fact that free mining machinery to the value of \$128,780 was admitted into Canada during the fiscal year ended 30th June last, having been supplied by the following countries: Great Britain, \$9,266; Denmark, \$2,431; Germany, \$2,864, and the United States, \$114,239. Of this amount Ontario got \$30,308; Quebec, \$24,812; Nova Scotia, \$21,520; New Brunswick, \$452; Manitoba, \$695; British Columbia, \$44,087, and the Northwest Territories, \$5,895. In addition to these should be mentioned diamond drills purchased in the United States of a value of \$19,880. Among the dutiable articles we find 184 steam pumps, valued for duty at \$24,860.

As might have been expected, British Columbia heads the list notwithstanding the fact that much of the machinery used might have been of domestic manufacture, as both here and elsewhere are foundries well equipped for the production of standard mining machinery. This is particularly the case with the B. C. Iron Works of Vancouver, and no doubt the near future will see a marked change in the relative use of imported and domestic machinery.

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THE MAUDE DEAL.

J. M. Buxton, the well-known mining man of Vancouver, passed through Ashcroft last week on his way to Quesnelle Forks. Mr. Buxton states that the Maude deal is a true bill, and that work on the property will begin in the near future. It is a good property, and if Mr. Buxton has succeeded in getting it in shape to become a producer in the near future, he is entitled to much credit. It is no easy thing to raise large amounts of money to open up mining claims. After they are dividend paying it is different, for then any good property is picked up readily and good prices realized for them.

THE KLONDIKE MINER.

A few weeks only will elapse before the capital of the great Yukon gold field will have a stalwart chronicler of events in the presence of the Klondike Miner newspaper. The new paper is to commence issuing in August next, and will be a weekly sheet of four pages, containing up-to-date mining reports from the pen of the editor, Mr. Livingstone, a reputed writer conversant with the mining world since his advent on this planet. The entire staff is associated with the venture—a sure precursor of success. Supplies for fifteen months accompany the staff, who have booked by the bullion steamer Garonne, leaving this port on Monday next. Messrs. Livingstone, Somerville and Rees are the proprietors.

Determination and Naming of Minerals.

The Editor of this Department will, without charge, examine and name, so far as possible, samples of minerals sent him; the answers being printed in the *Mining Critic*. He will only undertake to name average minerals, such as can be fairly determined at sight; and microscopic or chemical analyses will not be attempted; neither is it always possible to determine with absolute precision and certainty a small sample, or one decomposed and oxidized, and with such samples the sender must be content with the provisional determination that IT APPEARS like such and such a mineral.

Questions involving an opinion on mining property, for which an expert would be entitled to a fee, will not be answered, but advice that will aid the prospector will be given.

The following conditions must be observed by those sending specimens for determination:

The specimens should be fresh and, where possible, about two inches square.

Each should be distinctly labeled.

The name and address of the sender, written very distinctly, must be enclosed in the package.

The package should be sent prepaid to the Editor B. C. *Mining Critic*, Vancouver, B. C.

A letter should accompany the specimens describing the locality, mode of occurrence of the rock and other facts, and rough sketches may accompany such descriptions.

Samples will not be returned unless by request, and where stamps are enclosed to cover postage or expressage.

Paid subscribers will receive an answer by letter to inquiries when so desired.

The necessity for such a department as this has been very apparent for some time past. Already a number of inquiries have been made and several specimens submitted. Some of these are of such a nature as to require analysis for the accurate determination of their nature. This, of course, cannot be undertaken free, but, where desired, an assay or analysis will be secured through this department at the lowest possible price consistent with accuracy. It is preferred, however, that such matters be submitted directly to some reliable chemist, such as advertise in the *Mining Critic*, and whose work can be thoroughly relied on.

C. H. W., Alberni, B. C.: The black substance which you submit is molybdenite and not graphite as your "well-posted mining man" has informed you. Though its presence so near a coal measure and close resemblance to graphite might well excuse the error. It differs from graphite in its paler color, which is more of a bluish-gray; in giving off sulphur fumes when heated, and by its solubility in nitric acid.

D. S. Mc., Nanaimo: The specimen marked "Foot wall" is a gray-green diorite. The one marked "Hanging wall" is a metamorphic or crystalline limestone. By all means, if "the line of contact is well marked and occasionally shows traces of mineral" as you describe, a fair amount of prospecting is desirable. Such contacts along the coast generally contain copper bearing ores.

B. W. B., Vancouver: The specimen submitted is limonite or brown hematite. The iridescent or peacock tints about which you inquire do not necessarily indicate copper. They are often found in the ordinary brown hematite. Procure a known specimen of bornite and compare. You will then appreciate the difference better than a volume of explanations would impress it on you.

A. A., Harrison Lake: The rock is a phonolyte, or as it is more commonly known, clinkstone. What its special significance may be in the section you mention it is impossible to say. It may be of interest to know that Prof. Kemp, a recognized authority, has pointed out that in Cripple Creek, Colorado, phonolyte dikes have proved of great importance as associates of the ores of that region.

THE BRITISH AMERICA CORPORATION.

In an interview with Mr. F. G. Hinde Bowker he told a "Mining Critic" representative that the main Yukon expedition of the British America Corporation will leave

this city on Monday next on the S.S. Garonne, under the charge of Mr. F. G. Hinde Bowker, the manager for the Yukon and United States. He will be accompanied by Mr. W. C. Sampson, assistant manager, and Mr. Melville Baker, who will be in charge of freight department at St. Michaels. The Corporation has now a large store built at Klondike City, on high, dry ground, with a cellar over a hundred feet long, perfectly dry at all seasons, a condition not obtainable elsewhere in Dawson. Two hundred feet from the store a trail for the Eldorado and Bonanza Creeks starts out, and this is seven miles shorter than the only trail from Dawson open the year round. There are two months in the year when the river is impassable between Dawson and Klondike. Sixty feet in front of the store there is a steamboat landing with ample accommodations. Back of the city there is a high mountain, and the land on the townsite is dry and healthful instead of being swampy and malaria breeding. The Corporation owns four lots, and good, pure water is plentiful.

The Corporation has an option on eleven of what are supposed to be the best placer mines on Eldorado and Bonanza Creeks, and an option on dredging concessions on several of the more important streams. One of the main objects of the expedition will, however, be the locating and developing of the valuable quartz mines that are known to exist in the Alaska and Klondike regions. At the same time the placer diggings will be worked for all they are worth. The store at Klondike City will be thoroughly stocked with general merchandise and miners' supplies, and the two river steamers will also conduct a general trading business. One of these, the *Constantine*, will fly the American flag, and will therefore be able to trade on the Alaskan side, while the other, the *Marquis of Dufferin*, now here, will fly the British flag and trade on the Canadian side. Both steamers will run through between St. Michael's and Klondike City.

Mr. Sampson, assistant manager, late accountant of the C.P.R. here, will have charge of the store at Klondike, and will have full charge of all operations on the river during the absence of Manager Bowker. In the winter time he will be assisted by Mr. H. T. Munn, purser of one of the river steamers, who is a friend of Senator Kirchoefer. The *Constantine* will be commanded by Captain Geer, who has been running for nine years on the Columbia and Fraser rivers, and who will have as mate and engineer the men who have been with him in that capacity for about five years. Captain Cannell will command the *Marquis of Dufferin*, with Captain Fortney as mate and pilot, while the chief and second engineers will be two employees of the Canadian Pacific Railway, Messrs. Anderson and McIntyre.

In addition to the force of the Corporation, Mr. Bowker will be accompanied by the officers who have been appointed to take charge of the branch of the Bank of British North America, which will be located in the Corporation's store for the present. Mr. James Crau will be manager, Mr. D. Dolg, sub-manager of this branch and they will be assisted by Messrs. E. O. Finleyson, H. F. Stow, and J. F. Hudson. Mr. Bowker will return to Vancouver early in October in order to be present at a meeting of the Corporation on the 20th of that month. In the meantime business will be conducted through the Bank of British North America.

WANTED—AGENTS FOR "GLADSTONE, HIS LIFE and Public Services," by Thomas W. Handford. A wonderful story of a glorious career. Over 500 large, radiant pages; 100 superb, rare engravings. Richest, biggest, best and only endorsed "Gladstone book" published. Only \$1.50. Commission, 50 per cent. Credit given. Freight paid. Outfit free. Drop all trash and clear \$300 a month with the only true and good "Gladstone book." Address THE DOMINION COMPANY, Dept. 36, 352-356 Dearborn street, Chicago.

Mining Stock Quotations

Corrected Weekly by Percy W. Charleson, Mining Broker,
417 Hastings Street, Vancouver.

COMPANY	NO. OF SHARES	PAR VALUE	PRICE
TRAIL CREEK.			
Alecta.....	1,000,000	\$ 1 00	\$ 10
Big Three.....	3,500,000	1 00	10
Butte.....	1,000,000	1 00	01 1/2
Caledonia Con.....	1,000,000	1 00	05
Colonna.....	1,000,000	1 00	24
Commander.....	500,000	1 00	13 1/2
Deer Park.....	1,000,000	1 00	12
Enterprise.....	1,000,000	1 00	18
Eureka Consolidated.....	500,000	1 00	00 1/2
Evening Star.....	1,000,000	1 00	09
Georgia.....	1,000,000	1 00	07 1/2
Gertrude.....	500,000	1 00	04
Good Hope.....	500,000	1 00	02 1/2
Grand Prize.....	1,000,000	1 00	09 1/2
Great Western.....	1,000,000	1 00	03
Hattie Brown.....	1,000,000	1 00	03
High Ore.....	500,000	1 00	47
Iron Mask.....	500,000	1 00	10 1/2
Iron Colt.....	1,000,000	1 00	10
I. X. L.....	100,000	1 00	30
Josie.....	700,000	1 00	56
Josie Mac.....	600,000	1 00	6 00
Jumbo.....	500,000	5 00	19 1/2
Le Roi.....	500,000	1 00	08
Lily May.....	2,000,000	1 00	12
Mayflower.....	1,000,000	7 00	24
Monita.....	750,000	1 00	08
Monte Cristo.....	1,000,000	1 00	04 1/2
Morning Star.....	1,000,000	1 00	04 1/2
Mingwump.....	1,000,000	1 00	04 1/2
Nest Egg.....	1,000,000	1 00	03 1/2
Northern Belle.....	1,000,000	1 00	02 1/2
Novelty.....	1,000,000	1 00	08
Palo Alto.....	1,000,000	1 00	04
Phoenix.....	500,000	1 00	04
Poorman.....	700,000	1 00	05
Red Mountain View.....	1,000,000	1 00	21
Roseland Homestake.....	1,000,000	1 00	05
Roseland, Red Mtn.....	1,000,000	1 00	05
Silverline.....	500,000	1 00	02 1/2
Silver Bell.....	1,000,000	1 00	05
St. Elmo.....	1,000,000	1 00	27
Virginia.....	500,000	1 00	27 1/2
War Eagle Con.....	2,000,000	1 00	06
West Le Roi Josie.....	500,000	1 00	06
White Bear.....	500,000	1 00	06
AINSWORTH, NELSON & SLOCAN			
American Boy.....	1,000,000	1 00	14
Athabasca.....	1,000,000	1 00	34
Arlington Con.....	1,000,000	1 00	08
Dundas.....	1,000,000	1 00	54
Dardanelles.....	1,000,000	1 00	08
DeHle.....	750,000	1 00	12
Elise.....	1,000,000	1 00	70
Fern.....	200,000	1 50	17
Gibson.....	750,000	1 00	17 1/2
Good Enough.....	800,000	1 00	12
Hall Mines.....	300,000	2 00	25
Idler.....	1,000,000	2 00	25
London Hill.....	600,000	1 00	15
Kaslo Montezuma.....	1,250,000	1 00	17
Noble Five Con.....	1,200,000	1 00	04
Phoenix Consolidated.....	750,550	1 00	21
Rambler Con.....	1,000,000	1 00	1 75
Reco.....	1,000,000	50	2 00
Slocan Star.....	500,000	1 00	03
St. Keverne.....	1,000,000	1 00	30
Two Friends.....	240,000	1 00	04 1/2
Wonderful.....	1,000,000	1 00	15
Washington.....	1,000,000	1 00	15
Columbia-Cariboo.....	1,000,000	1 00	15
LARDEAU.			
Consolidated Sable Creek Mining Co.....	1,500,000	1 00	10
TEXADA ISLAND.			
Texada Proprietary.....	1,000,000	25	25
Treasury Mine.....	1,000,000	25	25
Van And.....	5,000,000	1 00	03
Victoria-Texada.....	150,000	25	05 1/2
Texada Kirk Lake.....	600,000	1 00	10
Raven.....	1,000,000	1 00	10
Gold Bar.....	100,000	10	—
ALBERNI DISTRICT.			
Alberni Mountain Rose.....	250,000	1 00	05 1/2
Consolidated Alberni.....	500,000	1 00	20
Mineral Creek.....	500,000	1 00	05 1/2
Mineral Hill.....	750,000	1 00	10
Quadra.....	300,000	1 00	10
CARIBOO.			
Cariboo Gold Fields, Ltd.....	£100,000	—	—
Horsefly Hydraulic.....	200,000	10 00	10 00
Horsefly Gold Mining Co.....	1,000,000	1 00	50
Slough Creek.....	500,000	1 50	50

COMPANY.	NO. OF SHARES	PAR VALUE.	PRICE
LILLOOET DISTRICT.			
Golden Cucke.....	500,000	1 00	33
Alpha Bell.....	500,000	1 00	44
Cayoosh Creek Mines.....	500,000	1 00	50
Lillooet Gold Refr.....	200,000	25	25
FAIRVIEW CAMP.			
Tin Horn.....	200,000	25	15
Winchester.....	250,000	25	14
BOUNDARY.			
Old Ironsides.....	1,000,000	1 00	07
Golden Crown.....	1,000,000	1 00	20
Boundary Creek M. & M. Co.....	1,500,000	1 00	55
CAMP MCKINNEY.			
Cariboo.....	800,000	1 00	53
MISCELLANEOUS.			
Cariboo Hydraulic Con.....	5,000,000	5 00	85
Chante.....	250,000	25	25
Occidental M. & M. Co.....	600,000	1 00	01 1/2
Smuggler.....	1,000,000	1 00	17
Fire Mountain.....	1,000,000	1 00	35
B. C. Mining Prospectors' Ex., Ltd.....	250,000	25	25

DIVIDENDS.

Dividends paid to date are as follows: Le Roi, \$25,000; War Eagle (Old Company), \$217,500; War Eagle (New Company), \$30,000; Rambler-Cariboo, \$40,000; Reco, \$297,500; Slocan Star, \$400,000; Cariboo, \$205,000; Dominion Developing, \$158,153. The Hall Mines, Limited, has also paid dividends on preferred and ordinary stock, amounting to \$160,000.

ESTIMATED PROFITS.

It is estimated that the profits of the mines subjoined have returned the sums placed opposite their respective names:

Payne.....	\$1,800,000	Goodenough.....	32,500
Idaho.....	220,000	Noble Five.....	50,000
Poorman.....	50,000	Northern Belle.....	20,000
Ruth.....	210,000	Antoine.....	53,000
Whitewater (old compy).....	194,000	Surprise.....	20,000
Washington.....	20,000	Monitor.....	15,000
Slocan Boy.....	25,000	Last Chance.....	37,000
		Fern.....	10,000

Cable Address: "CORDOVA," Vancouver.

Codes: A 1, 4th Ed., A. B. C., Moreing and Neal.

MAHON, MCFARLAND & MAHON

519 Hastings St., Vancouver, B. C. P. O. Box 749

MINES REPORTED ON AND MANAGED

Consulting Engineer:

Leslie Hill, C. E., A. M. I. C. E., M. F. Inst. M. E.

B. C. MINING PROSPECTOR'S EXCHANGE LIMITED

612 Cordova Street, Vancouver, B. C.

MINING, DEVELOPING
PROMOTING AND
BROKERAGE AGENCY

Free Milling Gold, also Gold, Copper, Galena and Copper
Propositions to sell or bond. Agencies in the principal
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Call or write for particulars to Secretary

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321 Cambie Street, Vancouver, B. C.

Write for Particulars and Prices

PROVINCE OF BRITISH COLUMBIA.

GOLD, SILVER, LEAD, COPPER, COAL, COKE, OIL, IRON, MERCURY, PLATINUM, ETC.

The Mines of British Columbia Have Produced Over
\$112,000,000.

AMOUNT AND VALUE OF MATERIALS PRODUCED 1896 AND 1897.

Customary Measures.	1896.		1897.	
	Quantity.	Value.	Quantity.	Value.
Gold Placer - - - Oz. - - -	27,201	\$ 544,026	25,676	\$ 513,520
" Quartz - - - Oz. - - -	62,259	1,244,180	106,141	2,122,820
Silver - - - - - Oz. - - -	3,135,343	2,100,689	5,472,971	3,272,836
Copper - - - - - Lbs. - - -	3,818,556	190,926	5,325,180	266,258
Lead - - - - - Lbs. - - -	24,199,977	721,384	33,841,135	1,390,517
Coal - - - - - Tons - - -	846,235	2,327,145	882,854	2,648,562
Coke - - - - - Tons - - -	615	3,075	17,832	89,155
Other Materials - - -	-	15,000	-	151,600
		\$7,146,425		\$10,455,268

Production for 1890, \$2,608,608 : for 1896, \$7,146,425 : for 1897, \$10,455,268.

GOLD.

Gold-bearing lodes are now being prospected in many parts of the Province, and at Rossland magnificent ore-chutes of very profitable gold-copper ore are being mined and smelted, the Lo Roi having paid to date \$725,000 in dividends, with a large and increasing amount of ore in sight as the workings attain greater depth, while systematic development on other properties is meeting with excellent results, mining having just fairly begun in this camp. Little doubt can be entertained that Rossland will become a heavy producer of gold, and that excellent properties now only await sufficient and abundant capital to become paying mines, to further aid in which the facilities for cheaper transportation and smelting are being now supplied. At Nelson and at Fairview, Camp McKinney, Greenwood, Central and other camps in the southern part of Yale, important work is being done on the quartz ledges there, several new mills being under erection.

Exploratory work has also been in progress in East Kootenay and in Lillooet, Alberni, and on the Gulf Islands and along the coast line of the Mainland, as well as in other parts of the Province.

In Cariboo several large undertakings, involving a large amount of capital, are at work exploring both modern and ancient river channels, the Cariboo Hydraulic Mining Company, on the Quesnelle river, proving, on development, to have in a channel of the latter kind a great deposit of exceptional richness, while other parts of this district now offer every inducement to capital.

Into Cassiar, Omineca, and the great area to the north, as well as Cariboo, there now promises to be a great exodus of explorers, excited by rich diggings now being mined in the Yukon as on the Klondike, to the north, and rivers and creeks long reported to be gold bearing will now be made accessible, and well tested.

SILVER-LEAD.

Despite the drop in the price of silver, the Slocan mines are being much more extensively worked, while the shipments of high-grade ore are constantly increasing. The production for 1897 has much exceeded that of 1896, as such mines as the Payne, Ruth, Whitewater and other mines increased their output.

At Nelson, the Silver King or Hall mines are shipping constantly a large amount of silver-copper ore, and the Lardner, Trout Lake, Illecillewaet districts, on further exploration promise to become rich. In East Kootenay large bodies of silver-lead ore will be mined on completion of the railroads now under construction.

COPPER.

Copper is being produced to a limited extent at Rossland and Nelson, but the large deposits of at present low-grade ore in the Boundary Creek district will be fully tested when the railroad, now almost assured, is constructed. Prospecting is being done at Kamloops, along the west coast of the Mainland and of Vancouver Island, as well as at many other points, and Texada is producing high-grade bornite ore.

COAL AND COKE.

The large collieries on Vancouver Island are producing about a million tons of coal annually, and at Comox an excellent coke is now being produced, much of which is shipped to the inland smelters. The great deposits of coking coal in East Kootenay, at the Crow's Nest Pass, are now being opened, as the C. P. R. is now being built to the Columbia River to supply the great mining regions with cheap coal and coke.

SMELTERS AND RAILROADS.

The smelting industry is now beginning to assume large proportions, as preparations are being made to treat the ores of this Province within her own borders, a most important factor in the increasing prosperity of this country, entailing as it does, and will, the employment of much capital and many men. The extension of the railroad systems to different parts is now in progress, and the next few years will see many parts in which the prospects for good mining are excellent made easy of access, while ores can be shipped with facility to the smelting centers, where the assembling of the various intermixing ores will make possible the treatment of all British Columbia ores at home.

CAPITAL.

Capital can now find here excellent and many opportunities for investment, if proper business care and the experience of qualified men are utilized, as the values placed on mines and undeveloped properties have reached a reasonable basis.

MINERAL LANDS.

Mineral lands are open to location to any person over eighteen years of age, who has obtained a free miner's certificate, and perfect title to lode claims can be easily secured after \$500 worth of work has been done per claim. A great extent of territory has yet to be prospected.

YUKON GOLD FIELDS.

As the Klondike and other gold fields in the Yukon in British territory are reached mostly via British Columbia, all supplies and outfits obtained at Victoria, Vancouver, Ashcroft, Kamloops, etc., can be taken in free of duty, which otherwise will have to be paid if not purchased in Canada.

For information, Reports, Bulletins, etc., address

PROVINCIAL MINERALOGIST,

Department of Mines,

VICTORIA, B. C.

The HON. JAMES BAKER,

Minister of Mines,

VICTORIA, B. C.

Cariboo Exchange Hotel

ASHGROFT, B. C.

HEADQUARTERS FOR

COMMERCIAL A. H. WALTERS
TRAVELERS and
MINERS PROPRIETOR

RATES REASONABLE



Provincial Secretary's Office.

His Honor, the Lieutenant-Governor has been pleased to make the following appointment:

25th May, 1898.

W. F. Robertson, of the city of Montreal, Esq., B.A., Sc., to be Provincial Mineralogist vice William A. Carlyle, Esq., resigned. 9-7



Provincial Secretary's Office.

20th May, 1898.

His Honor, the Lieutenant-Governor, has been pleased to appoint the undermentioned persons to be Collectors of Votes, under the provisions of Section 16 of the Redistribution Act, 1888, namely:

Josiah Street, of Donald, for the North Riding, East Kootenay Electoral District.

Charles M. Edwards, of Fort Steele, for the South Riding, East Kootenay Electoral District.

John D. Sibbald, of Revelstoke, for the Revelstoke Riding, West Kootenay Electoral District.

Alexander Lucas, of Kaslo, for the Slovan Riding, West Kootenay Electoral District.

Rhoderick F. Tohmie, of Nelson, for the Nelson Riding, West Kootenay Electoral District.

John Kirkup, of Rossland, for the Rossland Riding, West Kootenay Electoral District.

Leonard Norris, of Vernon, for the East Riding, Yale Electoral District.

Walter B. Anderson, of Union, V.I., for the Comox Electoral District.

Harry O. Wellburn, of Duncan, V.I., for the Cowichan Electoral District.

Thomas Fletcher, of Alberni, V.I., for the Alberni Electoral District.

Herbert Stanton, of Nanaimo, for the Nanaimo City, North Nanaimo and South Nanaimo Electoral Districts.

And His Honor, the Lieutenant-Governor, has been pleased to appoint the undermentioned persons to be Distributing Collectors, under the provisions of Section 17 of the said Act, namely:

In the former Electoral District of East Kootenay, James F. Armstrong, of Fort Steele.

In the former Electoral District of West Kootenay, George A. Macfarland, of Nelson.

In the former East Riding of Yale Electoral District, Hugh St. Q. Cayley, of Grand Forks.

In the newly-constituted districts of Comox, Cowichan and Alberni, Andrew L. Smith, of Alberni, V.I.

In Nanaimo City, North and South Nanaimo Electoral Districts, George Thomson, of Nanaimo. 7-8



PROVINCIAL SECRETARY'S OFFICE.

8th June, 1898.

HIS HONOUR, the Lieutenant-Governor, has been pleased to appoint the undermentioned persons to be Returning Officers for the Electoral Districts, or Ridings of Electoral Districts placed opposite their respective names, namely:

JAMES D. HALL, Vancouver City.

HENRY T. THURF, Westminster, Delta Riding.

JOHN A. CATHERWOOD, Westminster, Dewdney Riding.

WILLIAM LEVEN KEENE, Westminster, Richmond Riding. 7-10



PROVINCIAL SECRETARY'S OFFICE.

8th June, 1898.

HIS HONOUR, the Lieutenant-Governor, has been pleased to appoint and declare that the following places shall be the places for the nomination of Candidates for Election to the Legislative Assembly in the respective Electoral Districts, the names of which are set opposite such places that is to say:—

ELECTORAL DISTRICT.	PLACE OF NOMINATION.
Vancouver City	City Hall, Vancouver
Westminster:	
Riding of Delta.....	School House, Ladner
Riding of Dewdney....	Odd Fellow's Hall,
	Mission City
Riding of Richmond	School House,
	Steveston. 7-10

PROSPECTORS'

Gold Mine Test Drill.

Practical Klondike Miners Who Have Tried It Pronounce It a Success

On Exhibition Daily at

Marshall's Plumbing Establish't

216 Camble Street

Most Wonderful of All Klondike Inventions
Call and See It

F. FOOKS, Patentee

PROCLAMATIONS.



[L.S.] THOS. R. McINNES.

CANADA.

PROVINCE OF BRITISH COLUMBIA.

VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland, QUEEN, Defender of the Faith, &c. &c. To Our faithful the Members elected to serve in the Legislative Assembly of Our Province of British Columbia, and to all whom it may concern.—GREETING.

A PROCLAMATION.

D. M. EBERTS, } WHEREAS We have
Attorney-General } thought fit, by and
with the advice and consent of Our Executive Council of Our Province of British Columbia, to dissolve the present Legislative Assembly of Our said Province, which stands prorogued until summoned for dispatch of business.

NOW KNOW YE that We do, for this end, publish this Our Royal Proclamation, and do hereby dissolve the Legislative Assembly accordingly, and the members thereof are discharged from further attendance on same.

IN TESTIMONY WHEREOF We have caused these Our Letters to be made Patent, and the Great Seal of British Columbia to be hereunto affixed: WITNESS, the Honourable THOS. R. McINNES, Lieutenant-Governor of Our said Province of British Columbia, in Our City of Victoria, in Our said Province, this seventh day of June, in the year of Our Lord one thousand eight hundred and ninety-eight, and in the sixty-first year of Our Reign.

By Command.

B. H. TYRWHITT DRAKE.

Registrar of the Supreme Court.



[L.S.] THOS. R. McINNES.

CANADA.

PROVINCE OF BRITISH COLUMBIA.

VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland, QUEEN, Defender of the Faith, &c., &c.

To all to whom these presents shall come,—GREETING;

A PROCLAMATION.

D. M. EBERTS, } WHEREAS We are do-
Attorney-General } sired and resolved
as soon as may be, to meet Our people of Our Province of British Columbia, and to have their advice in Our Legislature, We do make known Our Royal Will and Pleasure to call a new Legislative Assembly of Our said Province; and do further declare that, by the advice of Our Executive Council of British Columbia, We have this day given orders for issuing Our Writs in due form, for calling a new Legislative Assembly for Our said Province, which Writs are to bear date on the seventh day of June, instant, and to be returnable on or before the thirty-first day of August next.

IN TESTIMONY WHEREOF We have caused these Our Letters to be made Patent, and the Public Seal of the said Province to be hereunto affixed: WITNESS, the Honourable THOS. R. McINNES, Lieutenant-Governor of Our said Province of British Columbia, in Our City of Victoria, in Our said Province, this seventh day of June, in the year of Our Lord one thousand eight hundred and ninety-eight, and in the sixty-first year of Our Reign.

By Command.

B. H. TYRWHITT DRAKE.

Registrar of the Supreme Court.



[L.S.] THOS. R. McINNES.

VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland, QUEEN, Defender of the Faith, &c., &c.

To the Returning Officer of the Richmond Riding of Westminster Electoral District

WHEREAS His Honour the Lieutenant-Governor of British Columbia has, by a Proclamation bearing date the 7th day of June, 1898, been pleased to dissolve the Legislative Assembly of the said Province; and whereas it is necessary to hold Elections throughout the said Province to fill the vacancies caused by such dissolution. We command you that, notice of the time and place of Election being duly given, you do cause Election to be made, according to law, of One Member to serve in the Legislative Assembly of the Province of British Columbia for the Richmond Riding of Westminster Electoral District, and that you do cause the nomination of Candidates at such Election to be held on the 25th day of June, 1898, and do cause the name of such Member, when so elected, whether he be present or absent, to be certified to Our Supreme Court, at the City of Victoria, on or before the 31st day of August next, the Election so made, distinctly and openly under Our Seal duly indorsed upon this Our Writ.

IN TESTIMONY WHEREOF, We have caused these Our Letters to be made Patent under the great Seal of Our said Province of British Columbia: WITNESS, the Honourable THOMAS R. McINNES, at Our Government House, at Victoria, this seventh day of June, in the year of Our Lord one thousand eight hundred and ninety-eight.

By Command.

B. H. TYRWHITT DRAKE.

Registrar of the Supreme Court.



[L.S.] THOS. R. McINNES.

VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland, QUEEN, Defender of the Faith, &c., &c., &c.

To the Returning Officer of the Dewdney Riding of Westminster Electoral District:

WHEREAS His Honour the Lieutenant-Governor of British Columbia has, by a Proclamation bearing date the 7th day of June, 1898, been pleased to dissolve the Legislative Assembly of the said Province; and whereas it is necessary to hold Elections throughout the said Province to fill the vacancies caused by such dissolution, We command you that, notice of the time and place of Election being duly given, you do cause Election to be made, according to law, of One Member to serve in the Legislative Assembly of the Province of British Columbia, for the Dewdney Riding of Westminster Electoral District, and that you do cause the nomination of Candidates at such Election to be held on the 25th day of June, 1898, and do cause the name of such Member, when so elected, whether he be present or absent, to be certified to Our Supreme Court, at the City of Victoria, on or before the 31st day of August next, the Election so made, distinctly and openly under Our Seal duly indorsed upon this Our Writ.

IN TESTIMONY WHEREOF, We have caused these Our Letters to be made Patent under the great Seal of Our said Province of British Columbia: WITNESS, the Honourable THOMAS R. McINNES, at Our Government House, at Victoria, this seventh day of June, in the year of Our Lord one thousand eight hundred and ninety-eight.

By Command.

B. H. TYRWHITT DRAKE,

Registrar of the Supreme Court.



[L.S.] THOS. R. MCINNES'

VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland, QUEEN, Defender of the Faith, &c., &c., &c.

To the Returning Officer of the Delta Riding of Westminster Electoral District.

WHEREAS His Honour the Lieutenant-Governor of British Columbia has by a Proclamation bearing date the 7th day of June, 1898, been pleased to dissolve the Legislative Assembly of the said Province; and whereas it is necessary to hold Elections throughout the said Province to fill the vacancies caused by such dissolution, We command you that, notice of the time and place of the Election being duly given, you do cause Election to be made, according to law, of One Member to serve in the Legislative Assembly of the Province of British Columbia, for the Delta Riding of the Westminster Electoral District, and that you do cause the nomination of Candidates at such Election to be held on the 25th day of June, 1898, and do cause the name of such Member, when so elected, whether he be present or absent, to be certified to Our Supreme Court, at the City of Victoria, on or before the 31st day of August next, the Election so made, distinctly and openly under Our Seal duly indorsed upon this Our Writ.

IN TESTIMONY WHEREOF, We have caused these Our Letters to be made Patent under the Great Seal of Our said Province of British Columbia: WITNESS, the Honourable THOS. R. MCINNES, at Our Government House, at Victoria, the seventh day of June, in the year of Our Lord one thousand eight hundred and ninety eight.

By Command.

B. H. TYRWHITT DRAKE,
Registrar of the Supreme Court.



THOS. R. MCINNES.

VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland, QUEEN, Defender of the Faith, &c., &c., &c.

To the Returning Officer of Vancouver City Electoral District:

WHEREAS His Honour the Lieutenant-Governor of British Columbia has, by a Proclamation bearing date the 7th day of June, 1898, been pleased to dissolve the Legislative Assembly of the said Province; and whereas it is necessary to hold Elections throughout the said Province to fill the vacancies caused by such dissolution, We command you that, notice of the time and place of Election being duly given, you do cause Election to be made, according to law, of Four Members to serve in the Legislative Assembly of the Province of British Columbia, for Vancouver City Electoral District, and that you do cause the nomination of Candidates at such Election to be held on the 25th day of June, 1898, and do cause the names of such Members, when so elected, whether they be present or absent, to be certified to our Supreme Court, at the City of Victoria, on or before the 31st day of August next, the Election so made, distinctly and openly under Our Seal duly indorsed upon this Our Writ.

IN TESTIMONY WHEREOF, we have caused these Our Letters to be made Patent under the Great Seal of Our said Province of British Columbia: WITNESS, the Honourable THOMAS R. MCINNES, at our Government House, at Victoria, this seventh day of June, in the year of Our Lord One Thousand Eight Hundred and Ninety-eight.

By Command.

B. H. TYRWHITT DRAKE,
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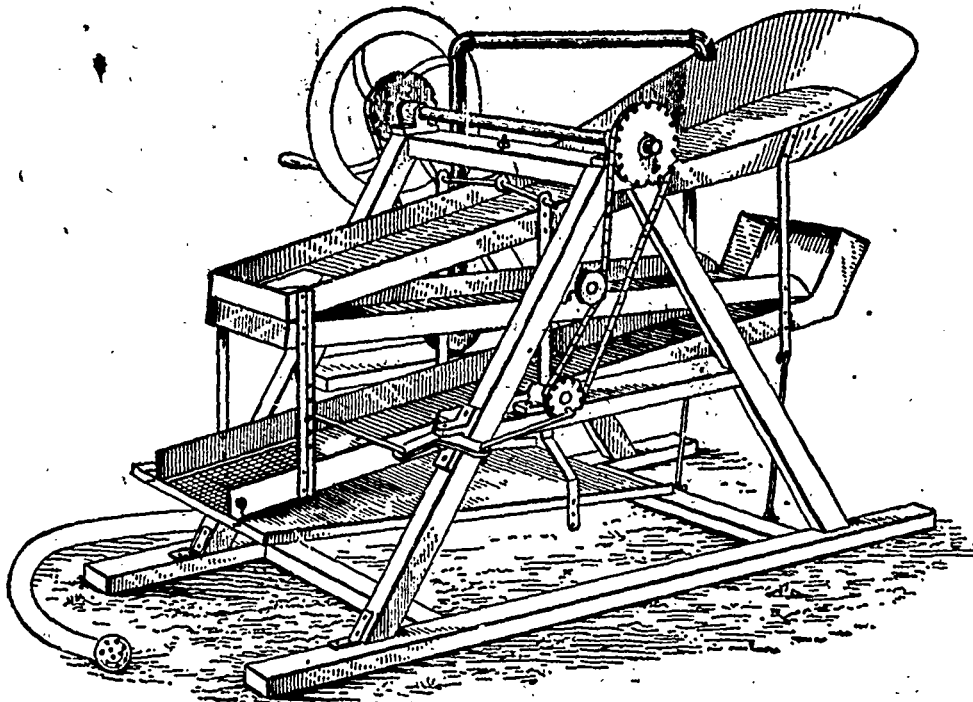
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AFTER many years of study and investigation, we have succeeded in producing and placing before the public a high-grade washing, concentrating and amalgamating gold-saving machine, the method and operation of which has been conceded by expert engineers to be the most practical and economical of any gold-saving machine ever invented.

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