

# SKETCHES.

## BRITISH AMERICA CORPORATION, LIMITED.

This great corporation was organized in London, England, in 1898, for the purpose of purchasing and operating the famous Le Roi mining properties, at that time controlled by Spokane capitalists. The company was incorporated with a paid in capital of \$5,000,000.00, and was promoted by the Hon. C. H. Mackintosh, Lieutenant-governor of the North West Territories of Canada. The valuable properties referred to cost the company the enormous sum of \$4,000,000.00. This was certainly a fabulous price to pay for a mine; but subsequent developments have demonstrated the conservative nature of the deal.

The properties now being developed by the British America Corporation, Limited, are herewith given, with full details:

**Le Roi**—This property is superintended by W. B. Wilson, late of Cripple Creek, Colorado, and employs 330 men. During the present year, over 62,000 tons of ore from this mine has been shipped to the company's smelter at Northport. These shipments could have been materially increased, but it has been the policy of the company to extend the development of the mine in such a manner that large reserves, properly prepared for extraction, can insure a steady production on a large tonnage. The present shaft is down to the 900-foot level. Greater depths will be attained by the new shaft (three compartments), now sunk from the interior end of the Black Bear tunnel to the 700-foot level, and to be as rapidly as possible pushed down to the 1,400- or 1,500-foot level, after which a large vertical shaft will be sunk. Electric hoists will be equipped with a 150-horse power hoist motor, and a double-decked cage may be put in each compartment. Shortly all men will be lowered and raised by this hoist, as well as all mine timbers, supplies, etc., and very likely all, or a considerable part, of the ore will be raised at this point.

The mine is now shipping from the 500, 600, 700 and 800-foot levels, and will shortly ship from the 900-foot level, where a large quantity of ore is now being exposed. The air compressor plant consists of a 40-horse power compound, condensing Corliss steam engine, with compound cylinders, made by the Canadian Red and Drill Company, and a recently another of the same capacity, with all the improvements, has been ordered to be placed alongside of the older machine, and thus give a capacity for 80 drills. This air will be conveyed to all of the properties, excepting the Columbia-Kootenay.

**West Le Roi Mining Company, Limited**—Superintendent, J. M. Long, No. 1 Mine. The vertical shaft is now down to the 400-foot level. This is being made a three-compartment shaft, and sinking will be proceeded without interruption. The vein is now exposed in the tunnel, and the 200-, 300- and 400-foot levels will be prepared for stopping. The shaft will soon be equipped with a double electric hoist, similar to the one ordered for the Le Roi.

**Josie Mine**—The shaft is now down to the 500-foot level, and for the time being, development will proceed on the 300- and 500-foot levels, until the new compressor will permit the use of more drills. A tramway already has been built to lower ore from these two mines to the railroad track. The number of men employed is 75.

**East Le Roi Mining Company, Limited**—Superintendent, W. S. Haskins. Nickel Plate Mine. A new vertical, two-compartment shaft is now down 375 feet, and extensive prospecting will be done when the 400-foot level is reached and opened up. A new shaft house has been built and a good plant installed, that will now permit the thorough prospecting of this property, in which two veins have been disclosed in the workings on the 200-foot level.

**Great Western Mine**—The two-compartment shaft is now down 340 feet, and development will be extensively carried on at the 400-foot level. A plant suitable for a considerable amount of development is now installed in new buildings. Forty men are employed on these properties.

**Columbia-Kootenay Mining Company, Limited**—Superintendent W. S. Haskins. Nearly 7,000 feet of work has been done on this property since this corporation began seventeen months ago. Work is now proceeding in tunnel No. A, and B, and is proposed to sink a three-compartment shaft and run levels from it. There is a 20-drill Ingersoll compressor on this property, and in all 40 men are employed.

**Machine Shops and Stores**—A well equipped machine shop for repairing and manufacturing, is owned by the company, and is now running to its full capacity. The company also has a well arranged store house, stocked with a good supply of mine goods, which are now bought in large wholesale lots, and as well, its own stores and teams.

The Rossland offices of the British America Corporation, Limited, occupy the company's own commodious building, which stands on an eminence commanding an excellent view of the city and surrounding country. The building is surrounded by a cluster of artistic dwellings, which are occupied by the company's resident representatives. They are W. A. Carlyle, mining engineer, in charge; Edwin Durant, office manager; R. E. Palmer, mining engineer; J. V. Bohn, assayer; R. H. Stewart, surveyor.

## THE WAR EAGLE CONSOLIDATED MINING & DEVELOPMENT COMPANY, LIMITED.

The above company was incorporated in 1896, for the purpose of acquiring the War Eagle mine, situated on Red Mountain in the Trail Creek mining division of West Kootenay. The authorized capital stock of the company is \$2,000,000.00, of which \$1,750,000.00 is paid up. The directorate is as follows: George Gooderham, president; T. G. Blackstock, G. A. Cox, W. H. Beatty, W. G. Gooderham, A. E. Gooderham. The head office of the company is in Toronto, Ontario, and the local office in Rossland, under the general management of Edmund B. Kirby.

**Machinery.**

The plant, which employs about 1,000-horse power, operates two air compressors, one with a capacity of 40 drills, and another with 20 drills and hoists. The elec-

trically driven hoisting plant is designed for a double compartment shaft, 3,000 feet in depth, to lift a load of eight tons on a single line, at an average speed of 750 feet per minute. The motors for the hoist and compressor are designed for alternating currents of 2,900 volts delivered through cables from the plant of the West Kootenay Power & Light Company, at Bonington Falls, a distance of about 31 miles.

**Underground Workings.**

These consist of a three-compartment shaft, 750 feet in depth, which, together with drifts, tunnels, etc., aggregate about two and a half miles in length. Last year the average width of ore bodies in the mine were eight feet. The vein, of course, is much wider than the ore, running as high as 40 feet in width.

**Assay Values, Output, Etc.**

The assay values of the mine throughout average about \$23.00 per ton. The ore output of the mine for the eight months of the current year, is 59,822, 797 pounds. The total output of the mine shows shipment of 100,845 tons, of a gross smelter value of \$2,192,360.34. The daily output now averages 300 tons.

**Dividends, Payrolls, Etc.**

The dividends paid by this company, to the present date, amount to \$637,750.00. The monthly payroll for the last month was \$29,000.00, and is on the increase. There are an average 320 men employed in the mine each month.

## CENTRE STAR MINE.

The Centre Star mine is owned and operated by the Centre Star Mining Company, Limited. The authorized capitalization of the corporation is \$3,500,000.00. Its officers are: George Gooderham, president, and T. G. Blackstock, vice-president, with local office in Toronto, Ontario, and local office in Rossland, under the general management of Edmund B. Kirby.

**Machinery Plant.**

Operations are now in progress for the erection of a big hoist and steam compressor plant to operate 40 drills with corresponding boring plant.

These are operated from a large three-compartment shaft, now down 325 feet. There are about one and a half miles of drifts, tunnels, crosscuts, etc. So far but very little stoping has been done, and consequently but a small quantity of ore drilled. Such has been shipped, however, was taken from vein about 20 feet wide, the ore in this vein averaging about 16 feet.

**Assay Value, Shipments, Etc.**

Assays of the above ore show an average of about \$26.00 to the ton. No data is available of the amount of ore shipped prior to the change of ownership.

There are about 150 miners and laborers employed at the Centre Star, and the monthly payroll amounts to about \$13,000. The matter concerning the War Eagle and Centre Star has been prepared from carefully compiled data and is not only correct from a statistical standpoint, but is conservative to the last degree. These companies have done, and are doing, as much for the prosperity of Rossland and the Trail Creek district, by the development of the excellent properties under their control and by the immense sums monthly put into circulation through the medium of their payrolls, as any two agencies in the district. The officers and directors of the company manifest an interest in this district, which exceeds the private affairs of their companies and has a salutary effect upon Rossland and the rich mineral region tributary thereto.

**BANK OF MONTREAL.**

If it is claimed, the stability and character of a community and its industries may best be judged by its character and standing of its banks, the people of Rossland have every cause for gratulation; for, without exception, the banks of this city are branches of old and well-established financial houses. Among them none is more worthy of favorable mention for the stability of its financial condition or for the readiness of its public spirit and enterprise than the Bank of Montreal.

That a comparatively new mining district and its trade center should possess a branch of so great and conservative a financial institution as the Bank of Montreal, is no less surprising in itself than it is an endorsement of the most favorable published reports of the great mineral resources of this section of British Columbia. The three words, Bank of Montreal, have been in Canada, for more than 80 years, a synonym for honor and integrity, and in the commercial and financial world have commanded a confidence unsurpassed by that of any financial institution on the continent.

The Bank of Montreal was established in 1817, and was incorporated by act of parliament. It has a capital (all paid up) of \$12,000,000, a reserve fund of \$6,000,000 and \$850,000 of undivided profits. The head office of the Bank of Montreal is in the city of Montreal, and its officers and directors and managers are among the most noted financiers of the continent. They are: Rt. Hon. Lord Strathcona and Mount Royal, G.C.M.C., president; Hon. G. A. Drummond, vice-president; A. T. Paterson, Esq., T. C. McDonald, Esq., Hugh McLennan, Esq., R. B. Angus, Esq., W. W. Ogilvie, Esq., Edward B. Greenhields, Esq., A. F. Gault, Esq., E. S. Clouston, general manager; A. Macnider, chief inspector and superintendent of branches; A. B. Buchanan, inspector of branch returns; W. S. Clouston, assistant inspector; James Aird, secretary.

The Bank of Montreal has more than 40 branches in Canada, one in Newfoundland, two in the United States and one in London, England. Its bankers in Great Britain are the Bank of England and the other of the most stable banks of the mother country. Its correspondents and agents in the United States are the greatest banks of New York, Boston, Buffalo, San Francisco and Portland, Oregon.

The Rossland branch of the Bank of Montreal was opened for business in March, 1896, by A. H. Buchanan, at present in charge of the Nelson branch. It has been said that its coming as a pioneer to Rossland was an endorsement of the camp. That endorsement has been emphasized by substantial support extended for the development of the country's latent resources and is confirmed in the building here of a fine modern pressed brick building at an expense to the bank of

## THE BANK OF BRITISH NORTH AMERICA.

As the metropolis and financial center of one of the richest mineral districts of the North American continent, it is not surprising that Rossland has attracted to her gates some of the most stable and conservative financial institutions in the commercial world; but it is a compliment to the clear judgment and worthy enterprise of the general managers and directors of the institutions which have established branches here that they foresaw and assisted in making the healthy future of the camp.

The first bank to open its doors for business in Rossland was the Bank of British North America. This old and time-honored house was founded in 1836, and was incorporated by royal charter four years later. Having its head office at Montreal, it has, in the 63 years of its honorable career, spread its ramifications throughout the provinces of Canada, and now has establishments in the Dominion at Montreal, Quebec, Ottawa, Toronto, Midland, Kingston, Hamilton, Brantford, London, Halifax, St. John, Fredericton, Victoria, Vancouver, Rossland, Trail (sub-agent), Kaslo, Greenwood, Ashcroft, Atlin, Bennett, Winnipeg, Brandon, and Dawson City. The American agents are: Messrs. W. Lawson & J. C. Welsh, 52 Wall street, New York City, and Messrs. H. M. J. McMichael & J. R. Ambrose, 120 Sansome street, San Francisco. The London, England, office is situated at 3 Clements lane, Lombard street, E. C.

The affairs of the Bank of British North America are conducted by J. H. Brodie, Esq., J. C. Cater, Esq., Gaspard Farrer, Esq., Henry R. Farrer, Esq., Richard H. Glyn, Esq., E. A. Hoare, Esq., Henry J. B. Kendall, Esq., J. J. Kingsford, Esq., Frederic Lubbock, Esq., and G. D. Whetman, Esq., a secretary. A. G. Wallis, Esq., and a general manager, H. S. The man, Esq., who has twice visited Rossland, and is a firm believer in the great wealth of the Kootenays.

The latest report of the financial condition of the bank, delivered by the court of directors, bears date of the 30th of June, 1899, and is renewed evidence of the great strength of this concern. The features of the report are: The capital, fully paid up, \$1,000,000; the reserve fund, \$200,000; and the total assets, which exceed \$6,000,000. This excellent showing leaves nothing to be desired by the management and must be a source of felicitation to the thousands of patrons and friends of the institution. The confidence of the bank in the future of the Kootenays is richly evidenced by the fact that it has bought all the debentures issued by the city since its incorporation, aggregating \$207,000.00.

W. T. Oliver, manager of the local branch of the Bank of British North America, has been connected with the institution since 1883, having entered the bank at Brandon. He has since been continuously in the employ of the bank, and, since opening the branch in Rossland, in March, 1896, has been a resident in this city. The Miner has no hesitation in saying the Bank of British North America could have no more energetic representative in Rossland, nor one more popular with patrons of the bank and the general public.

**MERCHANTS' BANK OF HALIFAX.**

No better evidence could be desired of the permanency of the mining industry in this section of British Columbia and of the importance of Rossland as the trade and financial center of the Trail Creek district than the fact that within the limits of the city less than five of the great banking institutions of Canada have established branches here. Of these, the Merchants' Bank of Halifax was the third to open its doors, having begun business here in Oct., 1897, since which time it has commanded a liberal share of the banking patronage of the continent.

The Merchants' Bank of Halifax is one of the old and substantial financial concerns of Nova Scotia. It was incorporated in 1809, and has a fully paid up capital of \$1,911,910.00, and a rest of \$1,543,922.00. Its operations are conducted under the direction of one of the ablest bodies of financiers on the continent, and its scope embraces the greater part of British America. Its board of directors is composed of Thomas E. Kenney, president; Thomas Ritchie, vice-president; Michael Dwyer, Wiley Smith, H. G. Bauld, Hon. H. H. Fuller, M.L.C., and Hon. David MacKee. The head office is in Halifax, General Manager, D. H. Torrance, and at Montreal—Joint general manager, Edson L. Pease, inspector, D. M. Stewart. The bank maintains 40 establishments, of which 13 are in Nova Scotia, eight in New Brunswick, two in Prince Edward Island, three in Quebec, one in Ontario, 10 in British Columbia, one in Newfoundland, one in Cuba, West Indies, and one in the United States, besides an agency at Republic, State of Washington. The bank's correspondents are as follows: Canada, Merchants' Bank of Canada; Boston, National Shawmut Bank; Chicago, American National Bank; San Francisco, First National Bank; London, England, Bank of Scotland; Paris, France, Credit Lyonnais; Bermuda, Bank of Bermuda; China and Japan, Hong Kong and Shanghai Banking Corporation.

In view of the above it were superfluous to say the Merchants' Bank of Halifax and the other of the most stable financial institutions of Canada. It may be truthfully asserted that there is no concern which is in closer touch with the interests of the Dominion provinces than this bank. With its 40 branches stretching from the Atlantic to the Pacific it is brought into direct connection with all the great centers of its influence is felt throughout the entire Canadian territory.

It is gratifying to Rosslanders that the Merchants' Bank of Halifax is contemplating the erection of a modern banking building on one of the central corners of the city. It is a compliment to the prosperity of the district and financial advancement of the business section of the town. The Miner need not bespeak for the bank the wisdom of the investment,

## WEST KOOTENAY POWER & LIGHT COMPANY, LIMITED.

Man has long since recognized himself an infant in the comprehension of electricity, and, as its possibilities unfold in the minds of its students and experimenters, the world stands in awe, and inquires, "What next?" It transmits the voice for hundreds of miles; it affords the most perfect illumination, solar light excepted, known to man; it enables the vision to penetrate opaque substances; it supplies the power for locomotion; it conduces to the health of the infant—short, it is a factor in almost every utility known to human experience.

The Kootenay-Rossland power transmission is in many respects one of the greatest exploits of electrical genius recorded in the annals of a yet unknown force. To properly appreciate the colossal undertaking it has been to install and put into operation a system the magnitude of which has never been conducted by the West Kootenay Power & Light Company, Limited, one must be an electrician and be acquainted with the country and conditions. To properly appreciate what the success of the enterprise means for the future of the Kootenay country, one must be a philosopher.

The eastern half of British Columbia is one of the most irregular and rugged regions on the North American continent, embracing, as it does, portions of the Selkirk, Purcell and Rocky mountain ranges. Its snow-fed torrents tumble through time-hewn canyons and empty their troubled waters into the Gulf of Columbia. The more water falls and the more the water runs, the more opportunities for investment in power plants; but the difficulties of installation and transmission are only short of appalling—yet this is what the West Kootenay Power & Light Company, Limited have accomplished.

The falls selected as the most centrally located for furnishing power for the whole of the Kootenays, are the Lower Bonington, 31 miles from Rossland and 12 miles from Nelson, on the Kootenay river. There the generating station is situated, and from there transmission lines communicate with distributing stations at Nelson, Trail, and Rossland. The power house capable of being developed at the lower falls, and upper falls combined, at low water, is estimated at 267,000; but as yet the company has found it necessary to avail itself only of a portion of the lower falls, which, under the minimum head of 40 feet, can be developed to give 100,000 horse power.

It would be impossible, within the limited space accorded this sketch, to give any idea in detail of the plant at the generating station. It must be estimated by the results wrought, and passed with the statement that it is one of the most modern, complete and valuable electrical plants on the Pacific coast. The transmission lines are worthy of more than passing mention. A pole line from Bonington to Rossland traverses a broken strip of country, heavily wooded, and varying in altitude at different points by more than 2,200 feet. At one place the Columbia river is crossed with a span 1,500 feet in length, without intermediate support of any kind whatever. The poles are set at intervals of 100 feet, and the heavy snows of this section.

The plant of the West Kootenay Power & Light Company, Limited, was built with special reference to its utility for furnishing power to mines, mills, concentrators and manufacturing concerns of the Kootenays, and on Main Street 25 per cent of the capacity is at present used in lighting. With that small percentage, the cities of Rossland, Trail and Nelson are illuminated at a lower cost than obtains in many metropolitan cities.

Among the most important concerns at present receiving power from this plant, we note the War Eagle Mining & Development Company, Limited, the British Columbia Bullion Extraction Company, Limited, the British America Corporation, Limited, and the Gertrude, Big Three and Iron Mask mines, and Canadian Smelting Works. These properties utilize about 1,700 horse power in the operation of their various machinery and in electric lighting.

Mr. George P. Low, to whom the writer is indebted for much valuable information and data concerning the Rossland-Kootenay transmission, says, in a review of the system, published in the May and June numbers of The Journal of Electricity: "It has been my fortune to make personal examinations of the principal electric power transmissions of the west, and it is without hesitation that I state that in none of them is the West Kootenay Power & Light Company's transmission exceeded in points of thoroughness, of engineering design and of commercial advantage."

In concluding this too brief sketch, the writer cannot do better than to quote Mr. Low's closing paragraphs, to wit: "The conception and commencement of the work on the remarkably interesting transmission of the West Kootenay Power & Light Company, Limited, are closely due to the efforts of Sir, Charles Ross, Bart., and Mr. Oliver Durant. The charter was obtained in the name of Mr. Patrick A. Largey, president of the Centre Star Mining & Smelting Company, Oliver Durant, manager, and C. R. Hoerner, manager of the Canadian Pacific Railway Company's telegraphs, and it was afterwards transferred to the West Kootenay Power & Light Company. Preliminary surveys were made early in 1897, but it was in July of that year that the location of the plant was definitely settled and actual construction begun. The plans of the company contemplate the ultimate utilization of the entire three falls."

The present board of directors of the West Kootenay company are: Sir Charles Ross, Bart., Balnagown, Scotland, president; Mr. W. M. Doull, Montreal, vice-president; Mr. J. M. Smith, Rossland, secretary and treasurer; Mr. L. A. Campbell, general manager, and Messrs. Oliver Durant, Rossland, C. R. Hoerner, Trail, Paul, Montreal, and T. G. Blackstock, Rossland. The entire plant is under the personal management of Mr. L. A. Campbell, to whom great credit is also due for the able administration of the position of electrical engineer, which he has filled in addition to his duties as general manager. The line was erected under the supervision of Mr. B. O. Boswell, so well known in California, as superintendent of construction of the lines of the Folsom-Sacramento, Fresno, and other transmissions."

## RATHMULLEN CON. MINING AND DEVELOPMENT CO., LTD.

Among the mining corporations of the Kootenay country, few, dividend payers excepted, are doing more active development work or have brighter prospects for getting on a shipping basis than the Rathmullen Consolidated Mining & Development Company, Limited. This company owns 16 claims, known as the Rathmullen properties, in Summit camp, Boundary district. Crown grants have been applied for on six of their properties, while the requisite assessment work for crown grants has been done on each of their remaining claims, and before the close of the present year the entire group will be crown granted. The properties, eight of which were located in 1895, and the balance more recently, are the Rathmullen, Westward Ho, Glasgow, Chietain, Peeler's, Trafalgar, Lansing, Rob Roy, Ione, Maple Leaf, North Star, Ben Hur, Malta, Helen Ray, Belle Marie and Toledo. The claims lie in one block and cover a surface area of 720 acres.

In the Boundary district the general formation is of diorite, in which porphyry dykes are of frequent occurrence. The Rathmullen properties are no exception in this respect, and, from all indications, are exceptionally rich in mineral deposits. The claim on which the company is doing the bulk of development work, is the Maple Leaf. On this property, a thoroughly modern compressor plant, of the Rand type, with capacity for five drills, has recently been installed and is now in operation. These added facilities will greatly expedite work on the property, and development is being pushed day and night. The prospecting on the Maple Leaf ledge consists of a main vertical shaft 75 feet deep, being sunk with the view of striking the ledge at about the 150-foot level, and a crosscut from the 65-foot level, which has been run in 87 feet, meeting the ledge at an acute angle about 40 feet below the surface. At this point the vein is 29 feet wide, and is chiefly quartz, interspersed with ordinary rock. About six feet of the ledge matter is of a shipping grade. The ore runs all the way from \$10 to \$40 per ton, principally gold, though selected samples exceed that value, notably three samples treated by Hastings & Parker of Rossland, which assayed \$41, \$12 and \$28. These results were confirmed by the assayer for the B. A. C., using the same pulp. The ledge has been traced for two miles and intersects a number of the Rathmullen properties. Development work has been prosecuted on the remaining claims, and, while not to the extent mentioned on the Maple Leaf, has been sufficient to warrant the company in following up the indications with rapid work. Diorite and porphyry contacts similar to the famous contact in the B. C. mine, which is in the vicinity, are frequent, while a number of iron caps which have been prospected have given every promise of rich mineral deposits below. The Ben Hur was recently examined by a distinguished mining engineer, who made an excellent report upon the property; the ore running nine and one-half per cent copper and five ounces silver, valued at \$36 per ton.

The situation of the Rathmullen properties is most auspicious. Surrounded by the famous B. C., the Victor, Thirty-Seven and other rich properties, the Rathmullen claims are in the midst of one of the richest mineralized sections of the Boundary district. Transportation and smelting facilities will soon be such that Rathmullen ores can be treated at a minimum cost, and there is every reason to hope the day is not far distant when this proposition will be on a paying basis.

The Rathmullen Consolidated Mining & Development Company, Limited, was organized and incorporated in 1897, under the Companies Act, 1892 (Imperial). Its authorized capitalization is \$2,500,000.00, divided into 2,500,000 shares of a par value of \$1 each, of which 1,000,000 shares are treasury stock. The officers of the company are: J. M. O'Toole, president; J. B. Henderson, of Grand Forks, vice-president; L. H. Moffatt, secretary and treasurer. These gentlemen are ex-officio directors, and are supplemented on the board by C. S. Wallis, Hon. George E. Foster, ex-minister of finance, W. M. Wood and Alexander Nicoll, of Dundee, Scotland.

The above personnel is widely known in mining and financial circles, and the names vouch for the character of any enterprise with which they are connected.

**J. V. BOHN.**

It is claimed by Coloradoans that their state has produced more competent mining men than all the rest of the world. Whether or not he claims is correct, the Miner will not attempt to say, but that many of the successful experts of the day have received their initial experience in the mining camps of that state is well known.

J. V. Bohn was born in Dayton, Ohio. He took two years' course in mining engineering, at Washington University, St. Louis, after which he took the mechanical engineering and electrical course at Cornell University. Leaving Cornell in '91, he completed his mining engineering course at the State School of Mines, at Golden, Colorado. Mr. Bohn graduated from this institution in 1893, and his first experience in the practice of his profession was as assistant manager of the downtown properties at Leadville. He remained in Colorado, until the fall of 1895, at which time he went to Butte, Montana, and accepted the responsible position of assistant engineer on the celebrated Anaconda property. Mr. Bohn's next promotion in the profession was with F. Aug. Heinze, of Butte, by whom he was employed in the capacity of chemist. When Mr. Heinze built the big smelter, now owned by the Canadian Pacific Company, at Trail, B. C., Mr. Bohn was placed in charge of the assaying and chemical laboratory there, which position he filled with credit until the sale of this melter to its present owners. He was not long at liberty, however, for almost contemporaneous with this notable transfer the British America Corporation was organized and purchased the famous properties now under its control, and Mr. Bohn was called to his present position as head assayer and chemist for the company.

(Continued on Page Nine.)

**Daly & Hamilton.**  
Barristers, Solicitors, Notaries.  
Solicitors for the Bank of Montreal.  
Rossland B. C.

## CERTIFICATE OF IMPROVEMENTS.

Notice.  
K. and K. C. L. Fraction mineral claim, situated in the Trail Creek mining division of Kootenay district. Where located: On Lake mountain.  
Take notice that I, J. A. Kirk, acting as agent for the King Mining Company, Limited, free miner's certificate No. 11, 12935, intend, sixty days from the date hereof, to apply to the mining recorder for a certificate of improvements, for the purpose of obtaining a crown grant of the above claim.  
And further take notice that action, under section 37, must be commenced before the issuance of such certificate of improvements.  
Dated this 23rd day of September, 1899.  
9-28-100.  
J. A. KIRK.

## CERTIFICATE OF IMPROVEMENTS.

Notice.  
Joanna mineral claim, situate in the Trail Creek Mining division of West Kootenay district. Where located: Five miles southwest of Rossland.  
Take notice, that I, Kenneth L. Burnet, as agent for Thomas H. Tracy, Esq., F. M. C. No. 70442, free miner's certificate No. 34063 A, intend, sixty days from the date hereof, to apply to the mining recorder for a certificate of improvements, for the purpose of obtaining a crown grant of the above claim.  
And further take notice that action, under section 37, must be commenced before the issuance of such certificate of improvements.  
Dated this Twelfth day of October, A. D. 1899.  
10-12-100.  
KENNETH L. BURNET.

## CERTIFICATE OF IMPROVEMENTS.

Notice.  
Daily mineral claim situate in the Trail Creek mining division of West Kootenay district. Where located: On Record mountain. Take notice that I, Kenneth L. Burnet (agent for Smith Curtis, F. M. C. No. 34,039A and W. L. Lawry F. M. C. No. 35,687A) free miner's certificate No. 34,063 A, intend, sixty days from the date hereof, to apply to the mining recorder for a certificate of improvements, for the purpose of obtaining a crown grant of the above claim.  
And further take notice that action, under section 37 must be commenced before the issuance of such certificate of improvements.  
Dated this eighteenth day of August, 1899.  
KENNETH L. BURNET  
Young & Burnet, Rossland, B. C.

## CERTIFICATE OF IMPROVEMENTS.

Notice.  
Legal Tender Fraction mineral claim, situate in the Trail Creek Mining division of West Kootenay district. Where located: In the city of Rossland and adjoining the Le Roi mine.  
Take notice that I, Kenneth L. Burnet (acting as agent for Edmund Haney, Esq., F. M. C. No. B13033) free miner's certificate No. 34063 B, intend, sixty days from the date hereof, to apply to the mining recorder for a certificate of improvements, for the purpose of obtaining a crown grant of the above claim.  
And further take notice that action, under section 37, must be commenced before the issuance of such certificate of improvements.  
Dated this fifteenth day of September, A. D. 1899.  
KENNETH L. BURNET.  
Young and Burnet, Rossland, B. C.

Certificate of Improvements.  
Notice.  
Elk No. 1, Ethel No. 1, Iron King No. 4, Tenderfoot, Ada L., Blue Bell No. 1, Elk No. 1 Fraction and Ethel No. 1 Fraction, mineral claims situate in the Trail Creek Mining Division of West Kootenay district. Where located: At the head of Murphy creek. Take notice that I, R. E. Young, (as agent for The Pavo Consolidated Mines, Limited Liability, free miner's certificate No. B13,077) free miner's certificate No. B13,446, intend, sixty days from the date hereof, to apply to the mining recorder for certificates of improvements, for the purpose of obtaining a crown grant of the above claims.  
And further, take notice that action, under section 37, must be commenced before the issuance of such certificate of improvements.  
Dated this Twenty-fourth day of August, A. D. 1899.  
R. E. YOUNG,  
Young & Burnet, Rossland, B. C.

## NOTICE.

In the Supreme Court of British Columbia, in re estate of Harry Tomlin Burruss, deceased, intestate.  
Take notice that I, Robert Ryland Burruss, administrator of the estate of Harry Tomlin Burruss, deceased, by letters of administration dated 2nd October, 1899, have been appointed administrator of the estate and effects of the above named deceased.  
All persons having claims against the above estate are required to send the same to me on or before the second day of November, 1899, and all persons indebted to the said estate are requested to pay the amount of said indebtedness forthwith.  
Dated at Rossland, B. C., the 2nd day of October, A. D. 1899.  
R. R. BURRUSS,  
Administrator Estate and Effects of H. T. Burruss, deceased.  
10-5-99.

The Empire Mines of British Columbia, Limited.  
Notice is hereby given that we, the undersigned, have been appointed attorneys for the Empire Mines of British Columbia, Limited, by its power of attorney, duly executed and deposited with the registrar of joint stock companies, to replace the attorney formerly appointed.  
Dated at Rossland, B. C., this 2nd day of October, 1899.  
CHARLES STAYNER WALLIS.  
ROBERT ROBERTSON.  
ROBERT LECKIE-EWING.  
Address: Rossland, B. C.

## THE MINING

Output for Week So...  
by Shut D...

## ENTRE STAR TO

Work on the Le Roi...  
Interest-New Steam...  
Centre Star—Tramway...  
Being Pushed for Ship...

Beyond the ordinary of the camp there has been news of importance to week just ended. The Evening Star mine after being continuously worked is to be regretted. The reserve of ore in sight was out to the Northport fitably under the present abundance there of \$4.50 for ment. The misunderstanding arisen among those content of the Evening Star stood to be serious as expected to be resumed. The temporary closing of the mine in order that some made in the old work the shipping returns be intended to resume operation. The War Eagle and the both have been in trouble owing to a couple of electric power supply from the mentioned both these properties are coming the difficulties of and before the end of the mines mentioned with temporary power, the Centre Star manager a large steam hoist for of note.

The visit of Mr. Job comes to the camp during the week it is the X. L. management. As the property which is interest, his observation with interest. The building of the Number One and Josie, under way, makes it the B. A. C. intend to all properties by the end management, however, state just what the plan usual, however, for mine 1900-foot tramways must and an official amount peded shortly about the per.

Today is the date of day of this camp. The Star and some of the their men yesterday, a the men will receive the The figures for the yet to hand, but it is the amount paid out, at least be equalled, if not Ore Shipp

What with the Le Roi the 11th and the War Star being obliged to during the week it is ing that the output of week just ended has tained as it has. App shipments for the wee 228 tons, a decrease fi the previous week, w amounted to 5,180 tons der the circumstances, up to the average expe of the year. Had not, obliged to close down ment would have es required 5,000 tons wh for every week. The tons to Northport on Friday or Saturday, shipped 1,457 tons and 713 tons, both outputs smelter. The Iron M carloads to Trail, or 18 Star has one carload credit and the Virgin The combined output of Centre Star amount credible showing coucilities at the two min agement have to stru present time, but wic ally overcome. The received 1,822 tons a smelter at Trail, 2,370 shipped. The total of Rossland camp for the 14th is put at 129,037.

Appended is a detail approximately) of the ea week ending October late:

Week—  
Le Roi.....  
War Eagle.....  
Iron Mask.....  
Evening Star.....  
Deer Park.....  
Centre Star.....  
Columbia-Kootenay.....  
Virginia.....  
Mountain Trail.....  
I. X. L.....

Total.....  
War Eagle and Ce termination of the Centre Star mine to steam hoist has been The order has been Camp and Lane compa to the immense amou the new hoist will no ably for three months. steam in place of elec It may be taken for gement has well veral merits of steam and final decision now m doubtless made in the property concerned regret by all those wh electricity as the com advance on steam. A trouble and delay, the ground for the gment has been in place this clearly understood th the plant is only a tem