

Technical and Bibliographic Notes / Notes techniques et bibliographiques

The Institute has attempted to obtain the best original copy available for filming. Features of this copy which may be bibliographically unique, which may alter any of the images in the reproduction, or which may significantly change the usual method of filming, are checked below.

L'Institut a microfilmé le meilleur exemplaire qu'il lui a été possible de se procurer. Les détails de cet exemplaire qui sont peut-être uniques du point de vue bibliographique, qui peuvent modifier une image reproduite, ou qui peuvent exiger une modification dans la méthode normale de filmage sont indiqués ci-dessous.

Coloured covers/
Couverture de couleur

Coloured pages/
Pages de couleur

Covers damaged/
Couverture endommagée

Pages damaged/
Pages endommagées

Covers restored and/or laminated/
Couverture restaurée et/ou pelliculée

Pages restored and/or laminated/
Pages restaurées et/ou pelliculées

Cover title missing/
Le titre de couverture manque

Pages discoloured, stained or foxed/
Pages décolorées, tachetées ou piquées

Coloured maps/
Cartes géographiques en couleur

Pages detached/
Pages détachées

Coloured ink (i.e. other than blue or black)/
Encre de couleur (i.e. autre que bleue ou noire)

Showthrough/
Transparence

Coloured plates and/or illustrations/
Planches et/ou illustrations en couleur

Quality of print varies/
Qualité inégale de l'impression

Bound with other material/
Relié avec d'autres documents

Continuous pagination/
Pagination continue

Tight binding may cause shadows or distortion along interior margin/
La reliure serrée peut causer de l'ombre ou de la distorsion le long de la marge intérieure

Includes index(es)/
Comprend un (des) index

Title on header taken from: /
Le titre de l'en-tête provient:

Blank leaves added during restoration may appear within the text. Whenever possible, these have been omitted from filming/
Il se peut que certaines pages blanches ajoutées lors d'une restauration apparaissent dans le texte, mais, lorsque cela était possible, ces pages n'ont pas été filmées.

Title page of issue/
Page de titre de la livraison

Caption of issue/
Titre de départ de la livraison

Masthead/
Générique (périodiques) de la livraison

Additional comments:
Commentaires supplémentaires:

Irregular pagination: [i]-ii, [1]-5, iii p. Some pages are cut off.

This item is filmed at the reduction ratio checked below/
Ce document est filmé au taux de réduction indiqué ci-dessous.

10X	12X	14X	16X	18X	20X	22X	24X	26X	28X	30X	32X
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

British Columbia Mining Critic.

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

Vol. I. No. 15.

VANCOUVER, B. C., THURSDAY, AUG. 5, 1897.

PRICE 5 CENTS.

A. Boak & Co.,
Real Estate
Insurance and
Financial Agents.
MINING BROKERS.

PRESENTING :

- Edinburgh Caledonia Fire Insurance Co., of Edinburgh.
- London Guarantee and Accident Co., of London, Eng.
- Canada Accident Insurance Co.
- Standard Life Assurance Co., of Edinburgh.
- Lloyds Plate Glass Insurance Co., of New York.
- Provincial Building and Loan Association of Toronto.
- Canadian Homestead Loan and Savings Association of Toronto.
- Butte Gold-Copper Mining Co., Ltd.
- Bon Diabolo Mining Co., Ltd.
- Eschequer Gold Mining Co., Ltd.

Real Estate in Vancouver is looking up—now is the time to buy—we have some exceptionally good bargains and intending purchasers would do well to call and get particulars from us before buying elsewhere. We have a number of houses for rent.

MINERAL CLAIMS
 Bought and Sold
 On Commission.

Head Office :

THE LILLOOET GOLD REEFS
MINING AND MILLING CO.,
 LIMITED LIABILITY.

Hastings Street,
 VANCOUVER, B.C.

PROVINCIAL NOTES.

In a recent issue of the Province, in commenting upon the population of British Columbia, it is incidentally remarked that "In the Nanaimo coal district there are between 2000 and 3000 white miners forced to live like Chinamen." This is an extreme statement and evidently lacking the elements of truth. If the miners do only work half-time during the month, there is no reason why they should exist mainly upon rice as an article of diet, which is the natural inference of the Province implication. That paper suffers badly from anti-Mongol rinderpest. Some local Koch should arise and find out an anti-bacteria.

Within the last twenty-four hours there has been no new townsite thrown upon the market. Many of them can be thrown as they exist only on paper. As far as the interior of the Province is concerned, there is a general consensus of opinion among those who travel to and fro that there will be no particularly large town or city in any given section, but that small places will exist in the different mining districts. Nelson, the oldest of them all, is still considered one of the best and the most solid.

Does the daily press of British Columbia do what it might and could in giving the mining news of the Province to the outside world, presuming some of it goes to the outside world? There seems to be a decided lack of enterprise in the service. Compare the way in which the Seattle Post-Intelligencer gives the mining news of this Province and that of the local daily press, and one is forced to the conclusion that the utlander is incomparably ahead.

A GREAT RECORD.

The most extravagantly humorous statement possibly ever uttered by the Colonist is the following: "The Colonist has masters, but they comprise the general public, in whose interests it is generally acknowledged this paper has always fought, and with good results." When it is remembered that the Colonist has been the champion of every monopolist in British Columbia, the defender of every land-grabber and the advocate of every ring of speculators that ever asked for a franchise of any kind during the last dozen years, the deep, hidden humor of the

B.C. Mining Prospector's Exchange, Ltd.

612 Cordova St., 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 principle financial centres.

Call or write for particulars to Secretary.

We Buy For Cash

Or Work on Bond any Good Mining Proposition.

Send Us

Specimens of Your Ore With Description Price, Etc. We Have the Cash for Developing any Promising Property.

CHAS. MARTIN & CO.,

Mining Share Brokers and Mine Incorporators
 Seattle, Wash., U.S.A.

Samuel Gibbs

MINING AND INSURANCE BROKER

LILLOOET, B. C.

Reports on Mining Claims a Specialty

Henry Benjamin = =

Geologist and - -

Mining Expert. -

Mines Bought and Sold for Cash.

A MINING INSPECTOR.

At the last session of the Legislative Assembly an act was passed creating the office of inspector of metalliferous mines. Nothing further has been done in the matter. By the Act, authority was given to the Lieutenant-Governor-in-Council to appoint a man of at least seven years' practical experience in mining, whose duties should be the inspection of working mines with a view to protecting the lives and health of those employed in and about them. Every owner, agent, manager or lessee of any metalliferous mine in this province shall admit the inspector to such mine on the exhibition of his certificate of appointment for the purpose of making the examination and inspection of all hoisting machinery, engines, boilers, whims, cages, buckets, ropes and cables in use, the method of working and timbering shafts, tunnels, etc., all exist, how the mine is ventilated and its general sanitary condition.

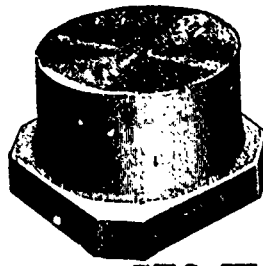
Why does the government delay in making the appointment?

It would be well for owners and managers of mines to get a copy of this act, as it also contains regulations which, unless observed, will make them liable for the payment of heavy fines.—Nelson Miner.

FOR THE YUKON.

The Clondyke rush has taken a firmer hold of the Ottawa district than most people are aware of. In so far as the qualification for river navigation counts, there is no better material than that of which the Ottawa lumber crews are composed, and it so happens that this year the prospect of winter employment in the lumber shanties and next spring's log drive is now almost nil, because of the excessive shipments of lumber from Ottawa during the past few months and the certainty of a discontinued demand for Canadian lumber in the United States owing to the restrictions of the new tariff. Under these circumstances the readiness of the "shanty-men," as they are locally called, to engage in anything that promises permanent employment is being taken advantage of by at least one Ottawa lumber firm. E. Moore, of the Moore Lumber Company, is now engaging men at \$40 per month to go to the Yukon country, and he is having his pick of the best river men in this Ottawa district. As miners they may not count for much, but in portaging and boating supplies they certainly have no equals, so that with the present congestion of freight at Dyea the Moore outfit can at least be profitably employed in transportation work when spring opens up.

The Clondyke gold excitement has



The California,

THE CELEBRATED
HAMMERED STEEL SHOES & DIES

Warranted not to Chip Off or Batten Up.

A HOME PRODUCTION.

Send for Illustrated Circulars.

GEO. W. PENNINGTON & SONS,

Please mention this Paper.
July 29-30m

218 and 220 Folsom street, SAN FRANCISCO, CAL.



specious advertisements in the local papers, offering shares in fabulously rich Kootenay mines at nominal prices, solely, of course, with the patriotic object of enriching their fellow citizens. The mining brokers did well for a brief period, but even Torontonians are not always fools, and there came a time when the big advertisements were withdrawn and the mining brokers had to seek other bait for suckers. The advertising columns of our Toronto exchanges testify that the bait has been found. Torontonians are now invited to purchase 10-cent shares in Clondyke prospecting companies and, in the words of the Toronto Telegram, "Gentlemen who would not risk their precious lives working the Clondyke for gold with picks and shovels will now proceed to get rich working the good old eastern public for money with the prospectus and the mining advertisement."

Though the extravagant tales of Klondyke riches is fated to send back to civilization many sadder but wiser men, nevertheless the interest awakened in the northern portion of British Columbia will have the good effect of turning attention to Lillooet and Cariboo. These places have by no means been overlooked by some, still they have not been estimated at their true value. So, even though thousands are rushing to certain hardship and disappointment, if this excitement shows British Columbia the imperative necessity for better transportation facilities in the upper portion of the province, this grand rush for phantasmal riches will be beneficial. Far away fields have fair nuggets and we sincerely hope those who are stampeding to the Yukon are not doomed to disappointment and we shall rely on the saying that "It is an ill wind which brings no one luck" and hope that this excitement will be the means of building the roads in Lillooet, Cassiar and Cariboo which they have so long needed but have been unjustly left without.

The Nelson Tribune, in a jocular article berating the coast papers for their too free advertising of the Clondyke gold fields to the detriment of Kootenay, concludes thus soberly: "It is to be hoped that our Coast contemporaries will sober up before next Christmas so as to fully appreciate the announcement then

INTERNATIONAL
NAVIGATION & TRADING CO.
Limited.

Steamers, "INTERNATIONAL" & "ALBERTA"
On the Kootenay Lake and River.

TIME CARD

In Effect 12 July, 1897. Subject to Change
Without Notice.

Five Mile Point Connection with all Passenger Trains of the N. & F. S. R. R. to and from Northport Rossland and Spokane.

Tickets sold and Baggage checked to all U.S. Points
Leave Kaslo for Nelson and way points daily except Sundays, 5:45 a. m.

Arrive Northport 12:15 p. m.; Rossland, 3:40 p. m.; Spokane, 6 p. m.

Leave Nelson for Kaslo and way points daily except Sunday, 5:30 p. m.

Leaving Spokane 8 a. m.; Rossland, 10:30 a. m.; Northport, 1:50 p. m.

New Service on Kootenay Lake.

Leave Nelson for Kaslo, etc., Tues., Wed., Thurs., Fri., Sat. 8:30 a. m.
Arrive Kaslo 12:30 p. m.
Leave Kaslo for Nelson, etc., Mon., Tues., Wed., Thurs., Fri. 5:00 p. m.
Arrive Nelson 9:00 p. m.

Bonner's Ferry and Kootenay River Service.
The Alberta awaits the arrival of the International on Saturday evening before leaving for Bonner's Ferry.

Leave Kaslo Saturday 9:00 p. m.
Arrive Boundary, Sunday 6:00 a. m.
Arrive Bonner's Ferry, Sunday 11:00 a. m.
Leave Bonner's Ferry, Sunday 1:00 p. m.
Arrive Boundary, Sunday 5:00 p. m.
Arrive Kaslo, Sunday 10:00 p. m.

Close connection at Bonner's Ferry with trains East bound, leaving Spokane 7:40 a. m. and West bound, arriving Spokane 7:00 p. m.
Kaslo, B. C., 12th July, 1897.

G. ALEXANDER, General Manager.

The Oriental Hotel,

The Most Prominent Hotel in Vancouver
EVERYTHING FIRST CLASS
GRIEVE & BLANCHFIELD, - - Proprietors
VANCOUVER, B. C.

RAND BROS.

STOCK AND MINING BROKERS
Real Estate Agents

CAMBIE STREET, - -

Vancouver, - B. C.

THE ACME WALLET

Patented United States, Canada, England.

SOME OF THE REASONS FOR ITS POPULARITY
IT IS: 1. A mere fraction the cost and weight of old styles. 2. Radically simple and now in form; please "AT SIGHT". 3. Testimonials from hundreds of prominent business and professional men. 4. A "BOON" to prospectors and miners. REMIT for handsome leather sample, 4x9x4

British Columbia Mining Critic.

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

British Columbia Mining Critic.

ISSUED WEEKLY.

Devoted to the Interests of Mining and the Protection of Investors.

THURSDAY,.....AUG. 5, 1897.

Letters from practical men on topics connected with mining, mining machinery, mining laws, and matters relating to the mineralogical development of Canada, are always welcome.

Manufacturers and Dealers in appliances used in and about mines are invited to send illustrations and descriptions of new articles.

Views and descriptions of mines and mining locations solicited.

Subscription, Two Dollars a year, payable in advance. Remittances should be made by Express, Postal Order or Bank Draft payable to the "British Columbia Mining Critic."

Advertising rates quoted on application.

British Columbia Mining Critic Co., Publishers.

FRANK S. TAGGART, Business and Editorial Offices :
Managing Editor. 319 Cambie St., Vancouver, B.C., P. O. Box 125.

EDITORIAL NOTES.

The Dominion Government should not act hastily in their decision in regard to mining laws and regulations governing the gold fields of Yukon. We commend the government for being just to itself and for taking the necessary steps to derive a benefit from its national resources, but we say be just to the miner, it certainly would be a most arbitrary act and a serious wrong to enforce a law "reserving to the Dominion every alternate claim in placer grounds henceforth staked off.

Let the government, if it so desires, send out a party of prospectors, locate claims and reserve for itself every alternate claim; but to send an inspector to the miner and say, "Move on, this is our alternate claim," would be a most iniquitous act.

The avowed intention of the government to collect a royalty of from 10 to 20 per cent. of the gross value of the output of every claim is preposterous. Let us suppose that a miner, after contending with the hardships of prospecting, is fortunate enough to locate a claim from which he succeeds in extracting \$1000 value of placer gold, the government steps in and demands a profit of \$200; deduct the expenses incurred by

In reviewing the mining stock market for the past month nothing with any particular discouraging feature has been brought to light. Still the market has been dull with bearish tendencies, but seeming to revive within the last few days on account of large purchases by the local buyers, who are now taking advantage of the low prices. The erection of a smelter for treating low grade ores from the coast district would make it possible for many of the low grade properties to work to a greater advantage and encourage new developments of many promising properties in the outlying district.

THE GOLDEN CACHE PROPERTIES AND OTHER MINERAL CLAIMS IN THE LILLOOET CAMP.

We have visited Lillooet and carefully inspected the numerous mineral claims under development, in particular the valuable properties owned by the Golden Cache Mines Co., Ltd., namely, the Golden Eagle, Golden Stripe, Ruby and North Star. We shall briefly set forth the details of work done by the Golden Cache Co. on their properties, as we believe in so doing we will best serve the interest of our readers. The Golden Eagle property is proved to be a dividend-paying mine beyond the possibility of a doubt. The quartz exposed in the tunnels is immensely rich; free gold is visible to the naked eye everywhere, in the slate as well as the quartz, and one would have no difficulty in crushing the quartz in a hand mortar and extracting \$100 worth of native gold out of the pan per day—assays run fabulously high, but allowing for every possible contingency, to illustrate the dividend producing power of the mine, we have placed the average value at \$50 per ton, and by taking the actual measurements of the quantity of quartz exposed by the tunnels, we are able to estimate very closely the number of tons available at present for crushing.

The work done on the Golden Eagle has been conducted with a view of exposing as large a body of ore as possible, the main tunnel being in 98 feet, cutting through the ledge. At the end of this tunnel a shaft is run down 20

nel to a depth of 22 feet, and a drift on the bottom of this shaft is run 7 feet. From about the centre of the tunnel there is an east crosscut running 25 feet in the quartz and then to the north 8 feet. On the other side of the tunnel there is a west crosscut 38 feet. To the west another tunnel is run 16 feet, known as No. 1 west tunnel, and also running out 14 feet from the crosscut to meet No. 1 west tunnel, No. 2 tunnel west is in 32 feet, No. 1 tunnel east is in 23 feet, and No. 2 tunnel east is in 30 feet. There is also a raise in the main tunnel running up 7 feet. The above represents 350 feet total of tunnels and shaft 6x7 feet, which will represent 1200 tons of milling ore on the dump. The Golden Eagle ledge has been stripped along the face for 300 feet to a depth of 8 feet. As the ledge averages 20 feet wide, that would represent 48,000 cubic feet or about 4000 tons of ore. This gives a total of 5200 tons on the dump ready for filling, and as the company are erecting a 10-stamp mill with a capacity of 20 tons a day, what they now have on the dump will take 260 days to mill. If we estimate the value of the quartz at \$50 per ton, the gross returns will represent \$260,000. As to the quartz exposed, we estimate, by measuring from the tunnels, shaft and face of the ledge, there is in sight 600,000 cubic feet, or 50,000 tons, and if the company do not increase the capacity of their stamp mill it will take about five years to crush the rock in sight on the Golden Eagle.

The other properties owned by the company are the Ruby, which is being prospected and the ledge stripped for 400 feet. One tunnel run in on the ledge 25 feet shows an assay of about \$12 to the ton; this ledge is about 8 feet wide. The Golden Stripe has a ledge about the same width and has been stripped for 300 feet and a tunnel cut in 12 feet. The quartz carries free gold.

The North Star claim has a strong ledge about 7 feet wide, in which a 6-foot tunnel has been cut. It is claimed that the Golden Eagle ledge runs through this property.

The Jumbo claim is on the other side of Cayoosh creek and as yet no work has been done on it.

A stamp mill and tramway are under construction and the contractors state that they will have their work completed within thirty days, yet it will take at least three months before the mill will be in proper order and crush

Point claim, on the bank of Cayoosh creek, at an elevation of about 1200 feet above the sea level. The camp of the Golden Cache is directly above the millsite, at an elevation of 2600, and the ledge on the Golden Eagle claim is at an elevation of 2900 feet. The Alpha Bell claim, said to have the same ledge as the Golden Eagle, has an elevation of 2650 feet. The Blue Pete, on the summit of the mountain, is 3400 feet. The elevation of Seaton lake, on the other side of the mountain, is 800 feet above sea-level.

Lillooet camp is awaiting the results from the mill test of the Golden Eagle quartz. Work is progressing very slowly on all claims outside of the property owned by the Golden Cache Co. The Alpha Bell Co. are working continuously, but as yet have not gone beyond prospecting work. On the Excelsior the work is being systematically carried on with encouraging results, but it will be some little time yet before the values are proved. The company working the Blue Pete and Eagle's Nest claims have sufficient work done to admit of inspection. The other numerous claims of the camp remain untouched outside of the necessary assessment work required by law.

Owners, prospectors and those living at Lillooet are relying upon the Golden Cache property establishing a value for their claims. If the results of the first crushing prove satisfactory, then they will go on with development work, hence considerable impatience is displayed at the slow progress made on the Golden Eagle claim and the delay in getting the company's stamp mill in working order.

We desire to express our appreciation of the courtesy and kind attention shown us by the company's superintendent, Mr. Arthur Noel, who is justly proud of the wealth that he has uncovered for his company, and we congratulate the fortunate shareholder upon being within reach of a monthly dividend that promises to multiply many times the capitalization of the Golden Cache Mines Co., Ltd.

An open letter entitled "Waverley Critics Challenged," addressed to the Editor Kootenay Mail and appearing in the issue of July 31st of that paper as well as several other provincial journals, signed by one Ole Sandberg, will receive our careful attention.

**CARIBOO-CASSIAR TO CLON-
DYKE.**

A magnificent wagon road to Soda creek, 166 miles from Ashcroft on the C. P. R., a river route on the Fraser, with the exception of rapid water at two points, viz., Cottonwood and Fort George canyons, to the upper end of Steward's lake, a distance of about 500 miles from Ashcroft. The two canyons referred to have been examined and reported on by competent authorities who say that at low water a few thousand dollars will blast out the rocks and make the stream navigable for ordinary steam vessels. An appropriation was once obtained for the purpose but not sufficient to do the work properly, although the steamer Charlotte will, it is said, attempt to make the trip as the river now is. By the route above mentioned goods could be laid down at the upper end of Stuart's lake, in the heart of a rich mining country, for about 6 cents per pound, which as it now is, costs the Wright and Black companies, near there, about 16 to 20 cents. Above Stewart's lake is a continuation of water ways, Tat-cher river, Cross lake and into North Tatlak lake and on up Driftwood river to Fort Connelly. All of these streams and lakes are navigable for small boats and could be easily made into steamer ways. Fort Connelly is about 225 miles from Telegraph creek, where the proposed railroad will run to Teslin lake and down Teslin lake to Klondyke. The route from Fort Connelly to Telegraph creek is through a series of plateaus well covered with grass, and roads and trails can be easily made. The entire route from Ashcroft to the Klondyke can be easily travelled with pack animals and good feed for them the entire distance. The total distance to go in by way of the line indicated would be about 1,000 miles from Ashcroft and the most of the way good time could be made. It is through the best mineral country in the world and it is fair to expect that as rich pay will be taken out of the as yet unprospected creeks of Cariboo and Cassiar as has ever been found in the Yukon. What is urgently needed is an appropriation from the Dominion Government to open up the Fraser to navigation and to make trails and roads. In this latter the Provincial government would no doubt assist largely. The telegraph line should be extended from Barkerville or Quesnelle to the interior to connect the new mines with the outside world. The fact that within the last few days enquiries have been made as to the distance, etc., via the route indicated goes to show that there is at least a chance that the telegraph line which will be built within a year will be the continuation of the Barkerville line. The members from Cariboo,

appropriations for the opening of the country to navigation and pack teams. Should the Yukon reports continue as favorable as now seems to be the case there will be work for many thousands of men in the Klondyke, and if so there will be tens of thousands who will visit that country next spring who will not make a stake in the northern country and will drift south. Cassiar, Omineca and Cariboo will fare well in the general shaking up that, from the present outlook, a quarter of a million or more will give the Northwest within a year.

THE ROUTE TO KLONDYKE.

[Continued.]

The all-absorbing topic now occupying the attention of merchants and miners is an all-Canadian route to Klondyke. This movement is certainly a worthy one, for the rush to the Yukon and tributaries has set in and will undoubtedly continue for a few years at least. It is unfortunate that the Provincial legislature saw fit to refuse a grant for what a railway corporation agitated a year hence. Had the railway from the coast into the northern interior been under construction the problem of an all-Canadian route to Klondyke would now have been comparatively easy. The lakes and tributaries of the Yukon stretch far into the interior, and the rich strikes on the Klondyke are evidently nothing but the continuation of what was forty years ago discovered on the Fraser river and in Cariboo. Had the Government, therefore, seen fit to aid in the construction of a railway into those northern regions and tapped the golden bars of Cassiar, Lillooet, Cariboo and Peace river districts, we would not now have lost a large proportion of the Yukon trade, nor would we have been puzzled over an all-Canadian route to Klondyke, for wagon roads and portages could have, with comparatively little expense, been constructed and the coast cities of British Columbia have obtained the million dollars already spent in outfitting expeditions, which have gone to the merchants to the south of us.

It is, however, foolish to cry over spilled milk. We have surely been awakened from our apathy in regard to the marvelously rich regions extending through Lillooet, Cassiar, Cariboo and Peace rivers, and including the Golden Cache, Cariboo and Klondyke claims. Would it not be well, therefore to reconsider that refusal to help develop the northern portion of our Province. If those interested in mines and the various Boards of Trade would agitate in concert this most necessary undertaking, not only would we have an all-Canadian route to Klondyke and Stewart rivers, with an accompanying rush of trade, but we would also have the richest por-

**KASLO & SLOCAN RAILWAY.
TIME CARD.**

Trains Run on Pacific Standard Time.

Going west	Daily	Going east
Ly 8:00 a.m.	Kaslo	Ar 3:59 p.m.
" 8:36 "	South Fork	" 4:15 "
" 9:36 "	Sproule's	" 4:45 "
" 9:51 "	Whitewater	" 5:00 "
" 1:04 "	Bear Lake	" 4:18 "
" 1:18 "	McGibban	" 4:34 "
" 1:31 "	Balley's	" 4:21 "
" 1:50 "	Junction	" 4:12 "
Ar 1:50	Sandon	Ly 1:00

STATION AND CODE.

Ly 11:00 a.m.	Sandon	Ar 11:45 a.m.
Ar 11:20 "	Code	Ly 11:35 a.m.

R. H. BRYAN,
Superintendent.

COLUMBIA & WESTERN RY. CO.

Time Table No. 6, to take effect July 3, 1897.

EASTBOUND.

No. 2 passenger (daily except Sunday)	Leaves Rossland	3:00 p.m.
	Arrives at Trail	3:59 p.m.
No. 4 passenger (daily)	Leaves Rossland	11:00 a.m.
	Arrives at Trail	12:00 a.m.
No. 6 passenger (daily except Sunday)	Leaves Rossland	7:00 a.m.
	Arrives at Trail	7:59 a.m.

WESTBOUND.

No. 1 passenger (daily except Sunday)	Leaves Trail	8:15 a.m.
	Arrives in Rossland	9:30 a.m.
No. 3 passenger (daily)	Leaves Trail	12:30 p.m.
	Arrives in Rossland	1:30 p.m.
No. 5 passenger (daily except Sunday)	Leaves Trail	6:15 p.m.
	Arrives in Rossland	7:00 p.m.

Connections made with all boats arriving and departing from Trail.

GENERAL OFFICES: E. P. GUTELIUS,
TRAIL, B.C. Gen. Supt.

FOR PUGET SOUND POINTS



Leaves Victoria (except Sundays) for Port Townsend, Seattle and Tacoma, at 5:30 p.m., making close connection at Victoria with the SS. "Chumney" returning leaves Seattle daily (except Sundays) at 10 a.m.

Passengers may, if desired, remain on board at Seattle for breakfast at steamer tables at her dock until 10 a.m., when she leaves for Victoria.

Round trip tickets at reduced rates. For tickets and information call on

J. K. DEFLIN, Agent,

21-2511 75 Government St.

Union Steamship Co., of B.C., Ltd.

Head Office and Wharf

VANCOUVER, B. C.

Northern Settlements—SS. Comox sails from Company's Wharf every Tuesday at 9 a.m. for Bowen Island, Howe Sound, Sechart, Jervis Inlet, Froese, Texada Island, Lund, Hernando Island, Cortes Island, Read Island, Valdez Island, Shoal Bay, Phillips Arm, Frederick Arm, Thurlow Island, Loughborough Inlet, Salmon River, Port Neville, and sails every Friday at 3 p.m. for way ports and Shoal Bay, calling at Butte Inlet every six weeks.

Rivers Inlet and Naas River—SS. Coquitlam sails on 8th and 22nd of each month and will proceed to any part of the Coast should inducements offer.

Moodyville and North Vancouver Ferry—Leaves Moodyville: 8:15, 10:15, 12 noon, 2, 4 and 5:45 p.m. Leaves Vancouver: 8:35, 10:15, 11:15 p.m., 3:15, 5:15 and 6:30. Calling at North Vancouver each way, excepting the noon trip.

Freight Steamers—SS. Capitano and S. S. Coquitlam, capacity 200 tons, D.W.

Tugs and Scows always available for towing and freighting business. Large storage

YUKON REGULATIONS APPROVED

The regulations governing placer mining on the Yukon are generally approved here, especially the royalty and the reserved claims clauses. There is some misapprehension as to the royalty. The regulations do not impose 20 per cent on all gold mined when the claim yields over \$500 a week, but 10 per cent on all the value of all the gold mined up to \$500 a week and 10 per cent additional on all gold mined above \$500 a week that is, the first \$500 a week will be taxed 10 per cent, or \$50, and when it goes over that the 20 per cent applies to the excesses over \$500 only. The entry fee is \$15, and the actual fee \$100. In default for 10 days after the demand for royalty has been posted on the claim shall be followed by cancellation of the claim. The gold commissioner is to determine the time of collection and name the collectors. Any attempt to defraud the government will be punished by cancellation. Every alternate claim is to be reserved for the Federal Government and sold for auction or otherwise for the benefit of the public revenue—that is, if a prospector discovers gold on a stream and stakes off his 500 feet, running lengthwise with the stream and covering the bed and both sides of the stream and running back 100 feet, the government shall have reserved the next 500 feet. That is, the first man gets his own choice, but the next man must measure off 500 feet for the government before he begins to measure off his own claim. This provision meets with universal approval in Ontario and Quebec.—Ottawa Exchange.

ALBERNI CAMP.

Mr. George Brown, who is down in Nanaimo from Alberni, reports that a very considerable amount of development work is being done on claims at Clayoquot, Anderson lake and the Alberni canal, and that the western extremity of the copper belt is proving to contain some excellent properties. Mining along the coast has been active in a quiet way throughout the summer, and sales are taking place every week.

In Alberni itself there are now quite a number of people, and trade is decidedly brisk. But little prospecting is being done inside the railway belt, but as a rule men are holding their claims, awaiting developments.

The new strike made a few days ago on the Alberni continues to look better every day, and some magnificent specimens of ore are being taken out for shipment as soon as the new Alberni road is completed, which is expected to take only about a fortnight, the work having been rapidly pushed through with a large squad of men. More important than this, however, a ledge three feet high and assaying some \$300 to the ton, has just been discovered and

STOCK QUOTATIONS.

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

Table with columns: COMPANIES, No. OF SHARES, PAR VALUE, PRICE. Includes sections for TRAIL CREEK, AINSWORTH, BOUNDARY, CAMP MCKINNEY, CAMP FAIR VIEW, NELSON, NORTHPORT, SLOCAN, and TEXADA ISLAND.

Table with columns: COMPANIES, No. OF SHARES, PAR VALUE, PRICE. Includes sections for TEXADA ISLAND, ALBERNI DIST., CARIBOO, LILLOET DIST., and various mining companies.

Dividends paid to date are as follows: Reo, \$175,000; War Eagle, \$217,500; Karib, Cariboo, \$40,000; Reo, \$150,000; Slocan, \$350,000; Cariboo, \$150,000.

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

Table listing names and amounts: Payne, \$250,000; Goodenough, \$25,000; Idaho, \$150,000; Noble Five, \$15,000; Poorman, \$50,000; Northern Belle, \$5,000; Ruth, \$50,000; Antelope, \$5,000; Whitewater, \$40,000; Surprise, \$4,000; Washington, \$20,000; Monitor, \$2,000; Slocan Boy, \$25,000; Last Chance, \$2,500.

BRITISH COLUMBIA Mines & Mining Stocks

A thorough knowledge of the Mining Business of British Columbia enables me to furnish competent and reliable information. No mines listed for sale unless endorsed some reputable mining engineer. Connections in principal cities of Canada, United States and Europe. Correspondence solicited. Address FRANK S. TAGGART, 319 Cambie St., Vancouver, B.C.

Cable address, "Ambrosino," Moreland, Neil, Clough's, (now and old), Bedford, Neil, and A. B. C. Codes

Telegraphic address: Bed-rock. Code: Moreland & Neil. DAVEY & BOSOMWORTH Mining Brokers. GOLD, SILVER AND COPPER CLAIMS BOUGHT AND SOLD. HOLLAND BLOCK, CORDOVA STREET VANCOUVER, B. C.

No Book and Good Shifting. HICKS + BROS HACKS, CARRIAGES & EXPEDIENTS. HACKS ON STAND DAY AND NIGHT. Corner of Cordova and Abbott Streets. Near Tel. 240 - Stable Tel. 250.

DOUGALL HOUSE Located in the Centre of the City Headquarters for Miners and

CONCENTRATES.

rossland. Over \$7,000 in licenses have been collected since June 1st. So far this month over \$5,000 has been turned into the city treasury by Inspector Barr, says the Record.

According to the Spokesman-Review arrangements are being made this week for the construction of the Le Roi wharf at Northport, and the contracts for brick, timber and lumber are let. The company are to get a cheap freight on ore over the Corbin road and members of the company have a third interest in the townsite, the boom for which is just about ready to be launched.

A shipment of about twenty tons of ore from the Athabasca mine was delivered from the tramway at the smelter at Dawson. This, with the two previous shipments made this month and another which will come down next week, will make eight tons for the month of July—very remarkable showing, when it is borne in mind that all this ore is the result of development work started under the direction of the British-Canadian Gold Fields Company early in June, nothing having yet been taken from the dump formed during the progress of the exploration work of last year. The smelter values of all the ore so far shipped have run over \$75 per ton, and the ore not only shows every appearance of increased value, but the vein now being worked is rapidly increasing in width. Within the last few days still another rich vein has been discovered and stripped for fifty feet. The mine is now in shape to continue steady shipping and its capacity is being increased all the time. The ore is one that can be very economically worked, and owing to the proximity of the workings to the smelter's tramway the cost of transportation is very light.

STRONG LODE OF GALENA.

British Columbia continues to prove its right to the claim of being the richest mining camp in the world. The largest discovery yet made of galena ore is reported from the Upper Arrow lake district. Alexander McMaster, of Rossland, has just returned from Lexington Creek, a small stream running into Fish Creek, which flows into the northeast corner of the Upper Arrow lake not far from Arrowhead, and brought with him several large samples of galena ore from the Katsup claim. Mr. McMaster states that a solid body of galena seven feet thick has been opened and that the hanging wall had not been reached when he was away. The foot wall is slate and schist on the hanging side. The lode appears to be 15 feet wide, with 7

UP THE COAST.

On Phillips Arm a large force of men is at work on the Dorothy Morton under the superintendence of Mr. Davy, who recently purchased this claim for a London syndicate, paying \$20,000. A number of men are also at work on the Empress, an adjoining claim, which was recently bonded at \$10,000 to Montreal parties. On the divide between Phillips Arm and Loughborough Inlet a good strike has just been made by four prospectors, who located four claims on a strong lead which they recently discovered. It is said that the lowest assay they have had from their rock is \$106. A good deal of work is being done on other properties about Shoal Bay. The outlook for the camp is exceedingly bright.

A NEWSPAPER AT CLONDYKE.

Mr. J. W. Scott, formerly connected with the provincial government printing office at Winnipeg, called at the office of the MINING CRITIC before sailing for Dawson City, where he intends to start a weekly publication to be known as the Yukon Nugget. Mr. Jack Carr is associated with Mr. Scott in the enterprise, and their combined efforts will insure for the people settling in the Yukon county a bright, wide-awake up-to-date newspaper. It will be issued in pamphlet form on thin but tough paper.

BIG BEND CAMP.

A number of new locations have been recorded recently and the indications are very promising. On Keystone and Lake View mountains the surface showing is very rich and the ledges strong and numerous, carrying arsenical iron and galena, with gold and copper values. The formation is schist and siliceous lime, with dykes of black shale. Development work is progressing on Ole Bull, Old Reliable, Cariboo, El Dorado and Black Diamond.

IRON MASK CLAIM AT KAMLOOPS.

A discovery made on this property in the south drift gives promise of a rich yield of high grade ore. The vein is four feet wide, solid ore and high grade. As this is the first work done south of the crosscut in the vein, it is very satisfactory, as it proves the continuation of the rich ore chute.

SHIPMENTS VIA REVELSTOKE.

The following were the ore shipments through Revelstoke for July:

Mine.	Pounds.	Value.
Payco.....	29,000	\$11,447
Slocan Star.....	700,000	28,520

CARIBOO.

The French syndicate seems disappointed with the quartz showing, and are dropping the bonds on most of the properties they had terms on. Many here do not think their development work has been done to good advantage.

The parties who purchased the Ahearn mine, near Bonaparte, state that they have discovered a large body of tin ore in the property.

We are in receipt of a publication from the librarian of the legislative assembly and secretary of the bureau of statistics, Victoria, pertaining to the department of agriculture and compiled under the supervision and authority of the Provincial Board of Horticulture, devoted to insect pests and plant diseases and how to remedy the evil. The suggestions are valuable and of much interest to farmers and fruit growers of this province. We recommend to the agriculturists of this province the adoption of the course of treatment set forth therein.

Much has been said about the coal lands that will be opened by the construction of the Crow's Nest Railway. It is averred that neither the C. P. R. nor the Dominion Government will get an acre of known coal lands through the construction of this road, as the whole of such lands were corralled by a syndicate some years ago. Provincial Minister Baker knows something of this matter.

The Canadian government will establish weekly mail service in Yukon between Tagish and Clondyke. Dominion customs officers will be stationed at Dyea to advise prospectors that duties will be levied. Other offices will be stationed at Tagish, where the proper duties will be collected. These officers left for the north on the steamship Islander.

The British Columbia Review, published in London, says: "Notwithstanding the prejudice which exists among English investors regarding silver, it is probable that if a good galena property were again offered to the public with a moderate and reasonable capital, the enterprise would not fail for want of support."

Lowery of the Ledge saith: "British Columbia papers will be ahead if they make L. C. Dillman, of Spokane, Wash., put up in advance for his advertising. He is a deadbeat, one of the penny-ante kind, that should be run out of any community."

It is reported from San Francisco that every available steamer and schooner is being pressed into service for the Yukon.

Kekionga Mining & Development Co.

(LIMITED.)

Incorporated Under the Laws of British Columbia.

CAPITAL, \$1,000,000.00

Divided into One Million Non-Assessable Shares of a Par Value of \$1.00.

TREASURY:

Four Hundred Thousand Shares have been placed in the Treasury to be used in the Development of the Properties.

OFFICERS AND TRUSTEES:

F. W. COWAN,	President and General Manager,	Trail, B.C.
E. A. K. HACKETT,	Vice-President,	Fort Wayne, Ind.
C. D. WILT,	Secretary-Treasurer,	Trail, B. C.
F. M. McLEOD,	Solicitor,	Rossland, B. C.
GEO. W. RICHARDSON,		Rossland, B. C.
GEO. TIGHE,		Trail, B. C.
H. W. TREAT,		Chicago, Ill.

AUDITOR:

FRANK HUNT,		Rossland, B. C.
-------------	--	-----------------

BANKERS:

BANK OF BRITISH NORTH AMERICA,		Trail, B. C.
--------------------------------	--	--------------

CONSULTING ENGINEER:

J. W. HAMILTON, M. E., of		Butte, Montana
---------------------------	--	----------------

OFFICES:

COWAN, TIGHE & WILT,		Trail, B. B.
----------------------	--	--------------

EVERGREEN MINE,

SALMON RIVER DISTRICT.

In accordance with your request I have inspected the Evergreen Mineral Claim, and herewith I hand my report:

"The country rock is chiefly diorite and granite at different places on the surface. Prospecting holes have been sunk showing a remarkably strong body of mineral bearing quartz within two permanent walls, the quartz body being 20 feet in width where it is cut by four feet of intrusive porphyry, then occurs another 15 feet of mineralized quartz. The vein is plainly traceable the full length of the claim a distance of 1500 feet. The quartz on the surface is a decomposed rose color. In some places native gold is plainly seen. On trying it with a pan I found considerable free gold, it also showed quite rich in sulphurets but as depth is attained the gold is found in a pyritic form, increasing in value very rapidly, assaying from \$17.00 to \$220. One assay running as high as \$380.00, but this was taken from a place showing a thoroughly decomposed mass and was more or less concentrated. The course of the vein is northeast by southwest and from the work at present done appears nearly vertical. I believe this to be a true fissure vein, cutting as it does, the formation at an angle of 15 degrees and would recommend that a shaft be sunk on the foot wall for a distance of 300 feet and the ledge crosscut at each 100 feet in depth when enormous quantities of good paying ore will be opened up which, with the facilities for shipping, will make this property a good dividend-payer. I find plenty of good timber and water in abundance for mining purposes, with the close proximity of the great water power of the Kootenay falls, making this a desirable place for the erection of large smelting works. In conclusion, I am glad to state that during my experience in mining, I have met with few properties that show such strong indications of a brilliant future."

J. W. HAMILTON, M. E.

FRANK S. TAGGART,
OFFICIAL BROKER.

H. C. Ludorf.

Fl. De Keyser Verbleest.

De Keyser's Placer Amalgamator Manufacturing Company

OFFICE: 2417 Cordova Street,

Vancouver, B. C.

OUR MACHINES ARE
LIGHT, COMPACT, OF
GREAT CAPACITY,
AND SPECIALLY AD-
APTED TO THE
WORKING OF TAIL
INGS OF HYDRAULIC
MINES GENERALLY

Full Particulars sent on Application.