Technical and Bibliographic Notes / Notes techniques et bibliographiques

copy may b of the signif	nstitute has atter available for film be bibliographica e images in the re icantly change the red below.	ning. Featu Ily unique, production	res of this which ma , or which	copy wi y alter a may	hich ny		1	lui a é exemp biblio reprod	ité pos plaire d graphi duite, a méti	microfilm sible de so qui sont p que, qui p ou qui pe node norn	e procu eut-êtr peuvent euvent (rer. Le e uniqu t modifi exiger u	es détails les du po ler une i lne mod	s de cet pint de s mage ification	vue
П	Coloured covers	*					ſ			red pages,					
	Couverture de c	ouleur					L		Pages (de couleu	r				
	Covers damaged	/					Г		Pages (damaged/					
	Couverture endo						l	1	_	endomma					
	_						_		_			_			
	Covers restored Couverture resta								-	restored a restaurées					
L	Couverture resta	uree et/ou	peniculee				L		rages	restaurees	et/ou	bemean	662		
	Cover title missi	ng/					ſ	ال	Pages (discoloure	ed, staiı	ned or f	foxed/		
	Le titre de couve	erture mand	ane				L		Pages (décoloré e	s, tache	tées ou	piquée	S	
	O. I						_	····•	n		,				
	Coloured maps/ Cartes géographi		uleur				ļ		-	detached/ détachées					
	Cartes geograpin	iques en co					_		. 0503	200011003					
	Coloured ink (i.e	e. other tha	n blue or l	black)/			ſ		Showt	hrou g h/					
	Encre de couleu	r (i.e. autre	que bleue	ou noir	e)		L	<u></u>	Transp	arence					
	Coloured plates	and/or illus	erations!				_		Onali+	y of print	variaci	,			
	Planches et/ou i			r			Ŀ			é inégale (1		
				•			_			·		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•		
	Bound with other	- · · · · · · · · · · · · · · · · · · ·					Γ			uous pag		/			
	Reiié avec d'aut	res docume	nts				Ĺ		Pagina	tion cont	inue				
	Tight binding m	av cause sha	adows or o	distortio	n		r		Includ	es index(c	ns)/				
\vee	along interior m	-					L			rend un (d		lex			
	La reliure serrée	-			la										
	distorsion le Ion	g de la marq	ge intérieu	re						n header		•			
	Blank leaves add	led during r	ectoration	may an	0027			1	Le titr	e de l'en-	tëte pro	ovient:			
	within the text.	_			-		Г		Title p	age of iss	ue/				
	been omitted fro	7					L		-	e titre de		ison			
	Il se peut que ce	- •		•			_								
	fors d'une restau mais, forsque cel				-		ſ		-	n of issue le départ :		uraicon			
	pas été filmées.	e cour has	anio, ves p	wyca ii U	•••		•		u C U	re ucpail	ar id III	- 4 GIJ VII			
							٢	7	Masthe	ead/					
							L		Généri	que (péri	cdique	s) de la	livraiso	n	
	Additional com	neote:/		•		•		r - 7	· · · · · · · · · · · · · · · · · · ·	.)		C			- 66
1 . ZI	Commentaires si	· ·	ires:	ırr	egular p	agina	נוסח:	[1]-	11, [1]-5, 11	1 p.	some p	pages a	re cut	ort.
		- •													
	tem is filmed at 1														
	cument est filmé		reduction	•	e ci-dessou	is.									
10X		14X	.	18X			22X	,	·	26	×	,	30	×	
											11				
<u> </u>	12X		16X		20>			<u> </u>	24X			202			1
	12.7		144		O) /	•			477			28X			32 X

COMMERCIAL SUPPLEMENT

British Columbia Mining Critic.

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

No. 23. VOL. I.

VANCOUVER, B. C., THURSDAY, SEPT. 30, 4897

PRICE 5 CINTS.

A. Boak & Co.,

Real Estate. Insurance and Financial Agents.

AINING BROKERS.

EPERSENTING :

he Caledonia Fire Insurance Co., of Edin-burgh.

be London Guarantee and Accident Co., of London, Eng.

he canada Accident Insurance Co. he Standard Life Assurance Co., of Edin-

he Lloyds Plate Glass Insurance Co., of New York.

he Provincial Building and Loan Associa-tion of Toronto.

he Canadian Homestead Loan and Savings Association of Toronto. be Butte Gold-Copper Mining Co., Ld.

he Bon Diable Mining Co., Ld. he Exchequer Gold Mining Co., Ld.

Real Estate in Vancouver is ooking up—now is the time to buy—we have some exceptionlly good bargains and intendng purchasers would do well o call and get particulars from s before buying elsewhere.

We have a number of houses o rent.

MINERAL CLAIMS

Bought and Sold On Commission.

Head Office:

THE LILLOOET GOLD REEFS MINING AND MILLING CO.

LIMITED LIABILITY

is Hastings Street. VANCOUVER, B.C.

O.Box, 758. Telephone 132.

THE ROSSLAND RAILROADS.

Both the Red Mountain and Columbia & Western rallwags running into Rosse-land report very satisfactory mercase, in the volumes alike of freight and passenger travel. The Columbia & Western in particular claims an increase of nearly 50 per cent, in business during the last fow weeks.

THE MOVIE PLACERS.

The Moyie Placer Mining Co. of East Kootenay is about to work energetically this fall on its gold-bearing gravels at Moyle Creek, making a first cleanup next May. The interim expenses in connection chiefly with ditching and hydrauheing will amount to about \$3,000, and Mr. McVittle, the manager, expects as a result a big return when the cleanups of 1898 begin.

THE GOLDEN CACHE.

A letter from Superintendent Rives, of the Golden Cache, dated Sept. 27th says that the mill has not yet been started up, the delay being caused by the tramway, which was not completed. Mr. Rivers, however, expected the tramway would be finished in a couple of days. and then he would immediately commence sending down ore. Messrs. Oldroyd, Mackinnon, Robertson and Munsie are still at the mine and will wait till the first crushing takes place.

THE HALL MINES, LIMITED.

The British Columbia Review, of London. Eng., thinks that the loss by this mine and smelting company of Mr. Paul Johnson's valuable services as manager is "not exactly good news to the share; holders". Doubtless the company has lost a good man in Mr. Johnson, but he seems to be replaced by a man who is also highly competent in Mr. Robert Hedley, who is working the blast furnace at the smelter to its fullest capacity. one considerably in excess of its nominal He has lately treated between 230 and 250 tons per diem.

CHANNE MINING COMPANY.

The Channe Mining Co., Ltd., is pushing development work day and night on its East Kootenay properties and the ore bodies now exposed are very promising. Several miners were sent from ising. Several miners were sent from here this week on account of the star-city of men in the Fort Steele section. G. W. Willis, the Company's superin-tendent, left on Tuesday's train to visit the mines and will remain sever-al weeks to personally look after the work. The Channe Company is also comping in a very promising copper opening up a very promising copper property on the coast, and judging from the fine samples of peacock copper ore in the Company's office the claim should No. 2 Arcade, Hastings Street.

B.C. Mining Prospector's

Exchange, Ltd.

612 Cordova St., Vancouver, B.C.

MINING, DEVELOPING. PROMOTING AND BRO-REB IGE AGENCY

Free Milling Gold:

Also Gold, Copper, Galera and Copper Propositions to sell or bond

Agencies in the principle find, ancial 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. Lite. We Have the Cash for Developing any Promising Pro-

HAS. MARTIN & CO.,

Bining 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. Hines Bought and Sold for Cash.

CONCENTRATES.

A haif interest has been sold in the Ida May claim in the Bridge River section of the Lillooet by Haymore & Gib. ver, for \$20,000.

Things are lively on the right of way at the Silver King mine near Relsor. Twenty men are burning charcoal for use in the smelter and over 3,000 cordof wood have been delivered at the mine.

R. C. Laird has struck rich gravel on Willow Creek near Barkerville. Figures are not obtainable, but it is known that the work done on the property assures a thorough success and that the gravel passed through lately is rich in gold.

On Hall Creek, near Nelson, properties are coming to the front under develop-ment work. On the Clipper a force of men is sinking a 50-foot shaft on the lead. Among other good properties may be mentioned the Bonny Doon, Lookout, Eugene and Purple Queen.

The sinking of the chaft on the Pretty Girl, on Horse Thief Creek near Golden, a distance of 15 feet, has shown a splendid body of ore. The assays of surface ore ran 32 ozs. in silver and 36 per cent. copper. The property is owned by W. G. Mitchell-Innes.

Reports from Siwash Creek near Yale are of a most favorable character. John Dunn, an old prospector who has been on the creek for 15 years, recently made a discovery in his tunnel by cutting through a stringer of quartz carrying free gold. The upper portion of the creek has been staked as piacer grounds and shades will he sunk immediately. and shafts will be sunk immediately.

Mr. McGregor, of Ashcroft, has just returned from a trip through the Ominees country in the northern part of British Columbia. He took 83:40 worth of gold dust out of Manson creek in four hours and 19 feet down the dirt was tried and 854 in gold were taken from 75 yards above bedrock. At another place on Manson-creek he saw five Chinamen at work and they were making \$3 50 per day to the man.

"-It is reported that a big deal is pendthe on Lone Creek camp group of six claims about six miles from Grand Forks owned by Brooks Brokhers and known as the Celorado, Whistle, Red Chief, Free Coinage, Loue Creek Star and Ivy. Considerable work has been done on these claims. The ore is of a base nature and it is said assays have shown \$137 in all values. The names of the parties invest-- ing have not been learned. -

At Spokane last week the number of inquiries for good mining stocks was largely hierensed, but there was a generi disposition to bear the market. Roi stock advanced to sa. Monte Christo went up from 16 to 17% cents and Even-ing Star from seven to nine. Rambler-Cariboo has been a favorite stock with purchasers and the active demand cleaned up all that was available and the result has been an advance of 4% cents.

On Wild Horse Creek. a dozen miles sauth of Nelsou, the Big Chief is showing. up well. Assays from two 10:foot shafts show \$65 in gold, \$0 per tent. In lead and 12,025, in sliver. There are three shafts sunk on the lead, about 100 feet spart, and the the life of the 100 feet. The Wilcox mine has been bonded by Mr. Corbould, of the 20:80 Exploration Co; for between \$40,000 and \$50,000. Work has been suspended of 1555. New Vetch up well. Assays from two 10:foot shafts



The California,

THE CELEBRATED

HAMMERED STEEL SHOES & DIES

Warranted not to Clip Off or Batter Up A HOME PRODUCTION.

Send for Illustrated Circulars.

LEO. W. PENNINGTON & SONS.

Please mention this Paper.

July 29-6m

218 and 220 Polsom street, SAN FRALC.....

Designs 🌡

Notary Public. LODGE, AND

Stock Certificates & Companies' Seals.

As Required Under The

New Companies' Act of 1897.

can supply you with private cheques on any of the Chartered Banks of this city, printed in Black or Tints, without charging you for engraving. Envelopes printed or embossed such as no other house in this city Call and get my sample packet can supply. and price.

Color labels printed, and cut in shape when

Give mea call when you want anything in the above lines and you will save money.

Ladies, you can save 50 cents per 400 on your visiting cards.

J. B. GRANT. Cambie Street, VANCOUVER, B. C.

BRITISH COLUMBIA

Mines & Mining Stocks

A thorough knowledge of the Mining Regions of British Columbia enables me to furnish competent and reliable information. No mines listed for sale unless endorsed by some reputable mining engineer.

Connections in principal cities of Canada, United States and Europe. Correspondence solicited. Address

solicited. Address

FRANK S. TAGGART, 319 Camble St., Vancouver, B.C.

Cable audress, "Ambrozine," Moreing & Neal, Clough's, new and old,) Bedford McNeill, and A. B. C. Codes

'NELSON'S SHIPMENTS.

The exports of ore and matte for the current month have been the beariest in the history of Nelson, and indications are that the inheral exports for the full month will aggregate \$800,000. The value of exports for the first twenty-five days of the mouth exceeds that of any previous month, and gives an average of \$27,000 per day for mineral exports alone. The exports of matte and bullion from, the Hall mines for last week were the INTERNATIONAL

NAVIGATION & TRADING MI

Steamers. "INTERNATI NAL" & "ALBERTI On the Kootenay Lake and River.

TIME CARD

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

Five Mile Point Connection with all h senger Trains of the N. & F. S. R. R to and from Northport Ross-land and Spokane.

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

Arrive North port 12:15 p.m.; Rossland 1. p.m.; Spokane, 6 p.m.

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

Leaving Spokane 8 a.m., Rossland, Fiam., Northport, 1:50 p.m.

New Service on Kootenay Lake.

Leave Nelson for Kaslo, etc., Tues. Woo', Thurs., Fri., Sat. Arrive Kaslo Leave Kaslo for Nelson, etc., Mon. Tues., Wed., Thurs., Fri Arrive Nelson.

Bonner's Ferry and Kootenay River Serviz. The Alberta awaits the arrival of the Ex-national on Saturday evening is low leaving for Bonner's Ferry

Leave Kaslo Saturday. 1 Pp
Arrive Boundary, Sunday. 1 Pp
Arrive Bonner's Ferry, Sunday. 1 Pp
Arrive Bonner's Ferry, Sunday. 1 Pp
Arrive Boundary, Sunday. 1 Pp
Arrive Roundary, Sunday. 1 Pp
Arrive Kaslo, Sunday. 1 Pp
Close connection at Bonner's Ferry trains East bound leaving Spokane Pupp
Kaslo, B. C. 12th July, 1897.

G. Al EYANDED. General Many

G. ALEXANDER, General Manage

The Oriental Hotel,

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

RAND

STOCK AND MINING BROKERS Real Estate Agents

CAMBIE STREET,

Vancouver, B. C.

THE ACME WALLE

Patented United States, Canada, English SOME OF THE REASONS FOR ITS POPULE weight of old styles. 2. Radically signal new in form; pleases "A | 162 and new in form; pleases "A | 162 and new in form; pleases "A | 162 a. Testimonials from hundred of princip to the properties and meas." BOON 'to prospectors and miners. BEMIT for handsome leather san | 16, 15 and 16 and 16

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.

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

Ma infacturers and Dealers in appliances used in and about mues are invited to send illustrations and descriptions of new criticles.

Views and descriptions of mines and mining locations solicited.

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

Advertising rates quoted on application.

British Columbia Mining Critic Co., Publishers.

RANK S. TAGGART. Pusiness and Editorial Offices:

RANK S. TAGGART, Pusiness and Editorial Offices:

Managing Editor. 319 Camble St., Vancouver, B.C., P. O. Box 125.

A REJOINDER FROM THE "COL-ONIST."

The Colonist is again angry because the MINING CRITIC strives in a small way to hinder s Yukon boom operations, by warning British nvestors not to invest in Clondyke companies rganised in London, which in nine cases out fevery ten bear about them the "mark of the east," or at least the trail of the "shark pronoter." We remain, however, convinced, alhough some of these companies have secured s "decoy ducks or "stool pigeons," several anadian public men. These gentlemen will or hould some day regret their association with ecklessly speculative Clondyye mining schemes, rganised by promoters in London, who usualknow nothing of the far north mine country nd are only anxious to make big profits for hemselves by foisting very doubtful company tock on the British public. It is a truism to tate, as we did, that Western Canadian and merican trading companies conversary with he trade and transporte requirements of such a gion as the Yhkon, can do more-far, better-such a field than beterogeneous directorates men chiefly gor together in London, and, as rule, noted chiefly for their utter want of acpaintance with Western Canada.

We except, of course, from our criticism of British companies operating in far north Canada, such an experienced body of northern traders as the Hudson's Bay Co., which, though organised in and directed from London, has had a long and historic experience of northern regions, and can at any time make large and successful trading developments in the Yukon country. Not so is it, nor will it be, with any Clondyke trading company as yet organised in London, where it is noticeable that the most trusty financial guides in the press denounce practically all the Yukon schemes now formulated by London promoters.

It is, moreover, notorious 'that' placer number as conducted in the Yukon, and as distinct from work by hydraulicing and other scientific methods which cannot there be used, is not a form of mining that as a rule pays a company, let the Colonist say what it will to the contrary. company thus working placers, invariably "buys them high," works them dearly, and is almost wholly at the mercy of the working miner, whose operations can only be successfully supervised and checked by individualist effort, constantly directed on one spot. It is far better, we repeat, for British investors to look to and participate in more permanent mine ventures nearer home than in the Yukon, under infinitely better climatic and other conditions, and directed in a thoroughly business like way. Such opportunities are more than ample in British Columbia.

The manner in which the Clondyke is being boomed, often as a part of British Columbia, bodes harm rather than good to our own mining development, though it may bring a temporary accession of trade to a not very large number of outfitters in Victoria and elsewhere.

We should of course have less to say in deprecation of the Yukon as a field for British investors were we aware of a single Clondyke company organised in London and intended in the main to be directed and worked by men who know the Yukon, and are not mere nominees of profit hunting promoters and But no such company, has yet been organised bang, as not seed

ROADS WANTED BADLY.

How urgently better trunk road access to mining centres is needed in some of our best country, is well shown by the case of the shipping mines at Bugaboo, East Kootenay, belonging to the Golden and Fort Steele Company. These cannot get their ore out at reasonable cost owing to this deficiency. In fact Mr. Wattelet, the manager, states that the shipment of Bugaboo sample ores to Everett will cost in all, including working and getting out, \$100 a ton, of which no less than \$35 stands for the cost of ore transport from the mines to the Columbia River. This last amount might surely be reduced greatly by further Provincial road provision. Few precious metal ores will stand an enormous charge of \$35 a ton for road trausport to a smelter lying at no very great distance in miles from shipping mines. And now that mining revenue and mining revenue only, is readjusting the Provincial balance between receipts and expenditure, it were well and profitable—in order to increase more than pro rata, such revenue-to do far more than has yet been done to make tolerable trunk roads for wagons in some of our best mine dietricts. Further effort in this direction may perhaps accrue from Premier Turner's present official visit to the Kootenay country, more especially as the next election looms in sight, and there are many and increasing votes in the mine regions of B. C. ters of state are very human, especially out west, and vigorous, if by no means always well directed, road work in consequence invariably precedes the period of a Provincial general election in B. C., where voters in general are by no means remarkable for the possession of any fixed political principle, other than a broad distrust of politicians.

YUKON PROSPECTING.

The exact nature of the functions of an Archdeacon, though they are undoubtedly useful to his Bishop, if extended as they often are by a vigorous man, in many and various directions of spiritual work, have always been proverbially difficult to define. They certainly don't, however, include prospecting for gold and placer working in the Yukon, and the Ven Archdeacon McKen later of Coldennic probably, the first

cleric on record, even of the retired archida conal rank, that holds to go gold mining. The Archdeacon, who is a vigorous man in the prime of life, has now arrived at Dawson City which he states he will make his winter quarters and either go out prospecting or take work at \$15 a day, till such time as opportunity offers Presumably the Archdeacon means clerical op portunity, though the Golden Era, which quote his words, leaves this uncertain. It is, however certain as aught well can be, that the usual Yu kon miner's wage, this winter won't reach any thing like \$15 a day. There are 5,000 men a least now in the country, and placer and other work for hire available for not more than 2,500 This means a fall in wages to the lowest living rate of the Clondyke, probably about \$5 or \$6 day, a sum which won't leave any margin in land where whiskey only flows in plenty an wholesome food is scarce. Meanwhile Seattle expects at least 50,000 people, "mostly fools"after the Carlylean dictum—to make in spring for the Yukon. Yet even now at least 100 deluded pilgrims to the Clondyke country w return to North Pacific coast cities, at which a advance guard of some 208 members of the motley retreating force has already arrived i small groups of weary, wayworn men.

Nevertheless, the Seattle press continues to boom the Yukon country almost as extraving gantly as of yore. The Mining Critic will however "go slow" as heretofore in its discussion of the Yukon gold possibilities pending further and more authoritative information the will doubtless be forthcoming shortly. Mean while there is nothing to show any incorrect ness in an opinion already frequently expressed that the obtainable gold wealth is too generally exaggerated, the risks and cost of getting being as generally minimised.

A NOTE OF CAUTION.

The News-Advertiser opposes strenuously grant of any municipal smelter bonus by the of Vancouver to any company promoters. England, not having behind them practioned metal working industrialists. Our contemporary fears that otherwise not only will mere protected moters practically absorb the whole of the nicipal concession, but also may hap involved city's good name in a venture quite as likely

capitalisation and other obstacles, including bad business management. There is certainly something in the News-Advertiser's contention, and full assurance should be got that there will be men of knowledge and substance behind the smelter and refinery project, ere any subsidy is offered to promoting concessionnaires.

But as things are, despite our contemporary's further deprecation of such a course, we remain of opinion that the beginning of a most valuable and indeed necessary industry in Vancouver can be accelerated by many months, if not some years, by a reasonable concession offered in a businesslike way to men of business, who mean business.

Hitherto, however, the methods of the would be London promoters have not been such as to inspire any great confidence in their effort. Their inactivity has been anything but masterly.

ANOTHER MINE RAILROAD COM-PLETED.

Trail has now a new railroad, the Trail-Robson link of the Columbia & Western being completed, its total course being 28 miles. Mr. Heinze and his associates do more than talk and scheme, building and working valuable mine district railways. It is usually only when they face the C. P. R. that it becomes necessary for them to make terms.

THE SAME STALE STATEMENT.

The Seattle Post Intelligencer again predicts that the steamer Portland will bring down from the Yukon three tons of gold. The tall talk of Scattle's boom paper is, however, eclipsed by the sensational despatches of Joaquin Miller, the Sierra poet of very unsavory repute, who avers that the season's cutput of the Clondyke will be 200 tons. He got the information of course in a saloon, and it was probably largely inspired by whiskey of the "forty rod" type. So one may judge by the fact that the truthful Joaquin credits one of his informants, a tough Yukon miner, with being perhaps the richest mining man in the world. "In posse," however only, the great wealth of the man being like Miller's verses, a product of a big western im-

THE FERN MINE.

Advices just received from the super-intendent of the Fern Mine near Nelson state that the stamp mill, tramway, etc., ite now all completed, and on the with last the whole machinery was testedhe stamps being dropped on wood—and tworked like a charm, not a hitch of ny kind occurring. It was expected to ave the first load of ore put through ast week and the mill will be running continuously from now. The expedi-ious manner in which the work on this property has been completed speaks well or its energetic management considering bat the first order for machinery was liven on July 1st. The time in which he plant has been put in is certainly a cord of which the company can well-eproud. The first clean-up will doubte proud. The first clean-up will doubt-us be looked forward to with interest Vancouverites, a great many of 1 om araboldara.

A MAYORLESS MINE CITY.

Grand Forks is struggling municipally as best it may in the absence from troublesome business causes of Mr. Manly, its mayor. His absence seems likely to be continued for a somewhat judelimte period, and many Grand Forks people call for his resignation. However, there isn't municipal business to be done in a place that was prematurely incorporated and Grand Forks can probably manage somehow without a mayor for a further period.

THE B.C. BULLION REDUCTION CO.

Operations will be resumed immediately on the new reduction works which the British Columbia Bullion Extracting company will erect on the line of the Red Mountain railway, near the O.K. mill, for the treatment of the low grade ores of the camp. L. H. Webber, the general manager, says that the preliminary work to be carried out at present consists of a railway siding, four thousand feet of flumes, ore bins and excavations for the founcations of the works. Thos. W. Fisher, of Helena. who has been engaged for some time. making the drawings and plans for the proposed reduction works, will have charge of the construction. It is hoped that the new plant will be in running order by the first of next May.

JAPAN'S SILVER MINES.

Nearly all the silver mines, says the Japan Mail, have stopped work of late owing to the fall in silver. The Incai silver mine in Ugo Province which em-ployed about 5,000 miners, produced about 350 kuamme of silver per month. The owner of the mine lately fitted up new electrical machinery at a cost of about 300,000 yen, in order to expand the work early in the spring, but now that silver has depreciated so gratly he also is obliged to stop and discharge all his miners.

This is the more remarkable as the Jap miner will work for a daily wage that would do little more than find a single meal for a West Kootenay man. Our up-country miners may thank heaven that hitherto they have not been compelled to compete with the "little brown But now that the mines of Japan are failing, the Mongols of Japan may haply migrate to the B.C. precious metal country. Not, however, let us hope, in any large numbers.

NO DEPRECIATION OF GOLD.

Many American papers of the "gold bug" order talk volumes of nonsense about gold depreciation to result from Alaskan and Yukon finds. Mr. Brenton Symons. M.I.C.E., in the London Mining Journal trenchantly refutes this absurdity as follows:

There prevails an exaggerated opinion on the importance of the Alaskan discoveries and some newspapers are actually discussing the question what effect the flow of gold from there will have on the silver question. The gold production would, indeed, have to assume colossal proportions to have any effect on the relative value of the precof the world to be 9,000,000 ounces per annum, the silver yield of the United States alone runs up to 40,000,000 ounces. Taking the production of the whole world, weight for weight, there are 20 times more silver than gold won from the earth. If the Yukon were six gold fields rolled into one it would not affect their relative appreciation."

KASLO & SLOCAN RAILWAY.

Trains Run on Pacife Standard Time.

loing (vest	;	Dal	lly		(te	oing	east
N 5.00	11.11	١	Da Ka South.	٠ol		۸r	3.50	p.m.
. 8.34	•••		South	Fork.		••	3.15	• • •
9.30	• • •		Spro	ulo's.		••	2.15	••
. 971	••		White	water.		••	2.10	4.
. 1			. Bear	Lake.		••	1.45	**
" 10.18	••		. MeGr	ilgan		••	1.23	••
10.38	••		June	tion.	٠	**	1.12	• •
Ar DS)		··· .				Lv	1.00	••

R W. BRYAN. Superintendent.

COLUMBIA & WESTERN RY. CO.

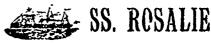
Time 'able No. 6, to take effect July 3,1897.

EASTROUND. EASTBOUND.

No. 2 promeer (bally except Sunday)
Leaves Rossland 3.00 p.m.
Arrives at Trail 3.50 p.m.
No. 4 passenger (bally)
Leaves Rossland 11.00 a.m.
Arrives at Trail 12.00 a.m.
No. 6 passenger (daily except Sunday)
Leaves Rossland 700 a.m.
Arrives at Trail 7.50 a.m.
WESTBOUND. No. 3 passenger (daily except Sunday)

GENERAL OFFICES: TRAIL, BC. E. P. GUTELIUS. Gen. Supt.

FOR PUGET SOUND POINTS



Leaves Victoria (except Sundays) for Port Townsend, Seattle and Tacoma, at 8.35 p.m., making close connection at Victoria was the SS "Charmer:" leturning leaves in daily (except Sundays) at 10 a.m.

Passengers may, if desired, remain on board at Seattle for breakfast, as steamer lies 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. DEVLIN, Agent, 21-7-97tf 75 Government St.

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

Head Office and Wharf VANCOUVER, B.C.

Warthern Settlements, S. Comox sells from Company's Wharf every Tuesday at 9 a. m. for Bowen Island, Howe Sound. Seehelt. Jervis Indet Frocek, Texada Island. Lund. Hornando Island. Cortez Island, Read Island. Vaidez 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 Bute Inletevery six weeks. weeks.

Bivors Inlet and Naas Biver—SS. Coquit-lam sails on %h and 22nd of each month and will proceed to any part of the Coast should inducements offer.

Moodyville and North Vancouver Perry-Leaves Moodyville: 8, 9:15, 19:45, 12, noon, 2, 4 and 5:45 p.m. Leaves Vancouver: 8:35, 10, 11:20, 1:15 p.m., 3:15, 5:15 and 6:2, Calling at North Vancouver each way, excepting the noon trip.

Fraight Steamers-SS. Capilano and S.S. Coquitlam, capacity 300 tons, D.W.

Tugs and Scows alwas available for towing and freighting business. Large storage accommodation on company's wharf.

H. DARLING, MARAGOR Telephone 94

STOCK QUOTATIONS.

Corrected Veekly by Percy W. Charleson, Mining Brok 1, 417 Hastings St., Vancouver,

ing Brok ', 117 Har	tings St	, Vancou	
COMPANIES.	No. or Shares,	PAR V viju	Parce
TRAIL CREEK			
Alberta. B. C. Gold King	1,000,000	\$ 100 100	รับ 8 10
B C Gold Fields	2,500,000 750,000	2 00	11
Beaver	1.000,000 3.500,000	1 00	
Bruce	600,000	1 00	
Caledonian Con .	1,000,000	1 (0)	23.4 25.4
California	2,500,000	1 00	_
Coltic Queen Contre Star	750.000 500,000 1,000,000	1 00	71/2
Crown Point	1 000,000	1 00	18
Deer Park	1,000,000 1,000,000 1,000,000	1 00	10
Eastern Star	1,500,000	1 00	12
Enterprise	i 1 000 000	1 00 1 00	20
Eric. Evening Star Georgia	1,000,000 1,000,000 500,000	1 00	1012
Gertrude	300,000	!	
Golden Drip	500,000 1,000,000	1 00	
HIRIU DIOWIL	1,000,000 1,000,000 600,000	1.00	8
His i Ore	500,000 1,000,000 500,000	1 00 1 00 1 00	04 5 8
TURNO.	i i.(rx).(ux)	1 1 (X)	'
Imperial			15
I. X L	1.000.000	1 00	31
Josie	700,000 500,000	100	i 36 70
		100	10
Lily May	500,000 1,000,000	5 00 1 00	13
		1 (2)	!
Monte Cristo	I.UANJ.UARJ	1 00	20 18
Morning Star Nest Egg	1,000,000 000 1,0 .000	1 00	071/4 31/4
Northern Belle Northern	1,000,000	. 1 (10)	10 06% 10
Pilo A'to	1,000,000 500,000	100	5 11
Poorman	· O		
R. E. Lee Red Mountain View. Red Point.	1,000,0 500,000	1 00	10
Dugaland Can	1 000 000		15
St. Elmo	1,000,000 1,000,000 1,000,000	1 00	US
Silverine	500,000	1 100	34
Southern C. & W. C. Sultana. Trail Mining Co	1,000,000 250,000	1 00	10
Union Vuginia	500,000	1 00	1
War Eagle Con West Le Roi	500,000	1 00	90
White Bear Young British Am.	2,000,000	100	11
AINSWORTH.		-	
Delile Ellen	700,000 1,000,000	100	
BOUNDARY		• •	
Old Irousides	1,000,000	1 00	8
CAMP MCKINNEY	800,000	1 00	54
CAMP FAIR VIEW	1		
Occidental	600,900	100	3
NELSON.	11,000,000	1 00	10
Exchequer Hall Mines	3 0.000		
NORTHPORT.	1,000,0 ~	\$1.0	10
SLOCAN.	-, -,	•1.0	1
Athabasca	1,000,000 500,000	10	322
Ron Diable	75.00	אור וו	100
Buffalo. Cumberland	1,000,000 159,000 4 500,000	기 10 0	25
Durdenelles	1,000,000 259,000	10	15
Kootenay-Columbia	1,000,00)	31 10
ANGLES CONTRACT	TE 110	A STORES	1000

Conpanies.	NO. OF SHARLS		PRICE
Noble Five Con	1,200,000	1 00	22
Rambler Con	1.000.000		
Reco	1 000,000	1 00	
poean Star	1,900,000		2.33
Sunshine,	500,000	10 00	
Washington	1,000,000	1 001	
Wonderful	1,000,000	1 (6)	ď
TEXADA ISLAND			l
Texada Proprietary	1,000,000	. 25	3025
Van Anda	5.000.000		5
Victoria-Texada	600.000	25	25
ALBERNI DIST. Alberni M't'n Rose Alberni Con Mineral Preek. Mineral Hill Quadra	250,000 1.000,000 500,000 750,000 500,000	1 00 1 00 1 00	19 05 05
Cariboo Gold Fields	£500,000	1	•
Cariboo Hydraujie.	300,000	5.00	10.50
columbia & Caribo			15
Horsefly Hydraulic.	200,000		1
Horsefly Gold M. Co	1.000,000		
Slough Creek LILLOOET DIST.	500,000 ,	. 100	50
Golden Cache	500,000	1 00	1 771
Lillooet Gold Reofs	200,000	25	25
Dom.n Development		25	
Alphu Bell	500,000	100	
Cayoosh Creek Mine«	500.900		50
B. C. Mining Pros- pectors' Exchange.	1 000,000	25	25

Dividends paid to date are as follows: Le Roi. \$575,000; War Fagle (Old Company) \$217,500; Rambler-Cariboo. \$40,000; Leco. \$150.000; Slocan Star, \$350,000; Cariboo. \$156,000.

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

Payne	\$250,000	Goodenough,	\$5,000
		Noble Five	
		Northern Belle.	
Ruth		Antoine	
		Surprise	
washington.	20,000	Monitor	15,000
Stocan Boy	20. 00	Last Chance	50,000

THE BLUE BELL SOLD.

At a meeting of the Frederick Arm Mining Company the advisability of disposing of the Blue Bell mine on Frederick's Arm was considered, and as a result the deal for the sale of the property is now about closed. The buyers are an English syndicate, and by the terms of the agreement they will spend \$10,000 on the property within six months, and at any time during that period the company can take over the property if hey so desire. The conditions are that they will form a new company with a capital of \$500,000, with \$10,000 in the treasury for development purposes, and give the stockholders of the old company 40 per cent. of the stock in fully paid up and non-assessable shares, besides \$15,000 in cash. The showing on this property has been a remarkable one, and the deal is one of the largest consummated for some time

THE LUCKY STRIKE.

Mr. Jno. Cobeldick, a syndicate headed by whom owns this copper-gold mine at Kamloops, is very sanguine of future good results the efrom. The ore runs well in copper at 'shows about \$12 to the ton in gold, whilst Mr. Cobeldick hopes that the gangue matter will be rich enough in gold to pay for stamp milling. Shipping ore has been got from the surface down, and the shaft is stated to be sink in a shaft seven feet wide. Shaft sinking is now being steadily continued and Mr. Cobeldick means to make the mine a large shipper at an early date.

The wagon road to the Ymir mine is almost completed.

THE TENNESSEE GROUP.

Shaft sinking on the Tennovece of a at Ymir, owned by the Hamilton Rosland Gold Mining Co., Limited is stood lift proceeding. The shaft is a value of feet, revealing values valve, but tween \$9 and \$28 a ton.

GOLD IN FORTY-NINE MIL! CREEK

The Nesson Hydraulic Mining Coconsiders prospects decidedly map, average Forty-Nine Mile Creek. The distribute being found in larger quantum including maggets of moderate size one such, weighing nine ounces was not found in the Creek and sold for softmere has been much hard and god work done on the Creek deserving of the substantial results which, it is particularly accurate.

CLOSED DOWN.

One of very few Slocan mines to closdown is the Enterprise at Ten Mile, a change partly due to proposed clarge of management involving a chearenry of working and main ling a reducting from \$3.50 to \$3.50 fmmers' daily wage. The Enterprise employs about 50 workers. The temporary closing down of the Enterprise is not stated to be attributable to the fall in silver, but this doukless is nevertheless a leading cause of the proposal and the wage cut to 1 dlos.

REPORTED GOLD FIND AT KASLO

A Mr. Robert Kane, of Kas'o, sing to be a trustworthy man, recease brought into Kaslo from across the Laggold bearing ore assaying 806 a to stated by him to have been found as a claim known as the Homestake, lark now out on the hills beyond the Lagsecking to verify and ascertain the settent of the find, which if as still angurs well for a point which has a reto been solely reliant on its silver-leaf resources.

INTERESTED IN TEXADA.

Judge Shope, of Chicago, who convisited Seattle, there stated to a l'all Intelligencer representative that he as associates of his, who are already lacely interested in the Van-Anda man mean to acquire shortly interested in the Van-Anda materials of the properties on Texada Island at along Jervis Inlet. They have got faith in the copper-gold properties at these districts, some at least of whe will, according to Judge Shope, be take up very shortly by monied men from Eastern States. Judge Shope was men of the party which accompanied as least President Stevenson to B.C. in 1843.

RIGHTLY SUGGESTED.

The Colonist is correctly of opins that it is desirable that the limits Government should provide a place Victoria and another in Valoria where persons going to the Yukon or obtain mining licenses. Our committed with the person they are shown to Dawson City, which means great los of time and conside the pense to those who intend to more upon the upper waters of the Yukon City.

The Colonist's suggestion might who adopted by the Hon. Mr. S fton, whom it will doubtless be signed with much force on the occasi a clayleit.

LOSSLAND'S RICHES.

The Rossland Record in a recent issue could of the following: The aggregate of the following: The aggre gate more No other city in the world has some a wealth in comparison with its point from no other city in the world can wast of having 80 mine-claims stable consideres city limits, 17 of which are to be developed properties running full 1 ist. If the other 63 claims should product one-third of the wealth turned out by the other 17 developed properties, the wealth of it is sland would run up into the billions besides which the wealth of the knondyke, South Africa, Austraha and other places would pale into sig-The citizens of Rossland even, many of them, do not know the wealth contained within the limits of their own city the order to satisfy the inquisitive it win be necessary to classify the wealth morner that the figures given may not seem visionary. Inside of the city limits ere so properties. The 47 developed properties are as follows: Le Roi, War Eagle, Centre Star. Nickel Plate, Iron Horse Iron Colt, Kootenay & Columbia, Sunset No. 2, White Bear, San Francisco, California, Josie, Great Western, boden Charlot, Ciry of Spokane, Black Bear These mines represent \$20,000,000 in cold cash. The 63 undeveloped mines are varued at \$1,000,000, which is a very conservative estimate infleed when the good results obtained from the surrounding diveloped properties, are considered. This brings the wealth inside the city ingits up to \$21,000,000. Add to this amount the assessed valuation of the ory, which i-\$1,500,000, and the amount dumbs up to 522,500,000, or nearly \$23,-If the wealth were distributed equality every person in Rossland would ceive mearly \$3,000 on his or her share. If the oryidends paid by the mines could be added to this amount the total would facts startle the credulous. The Le Roi ame has paid 5575 000 dividends. Then there is to be considered the amount of money invested in stocks, the sums represented by those interested in mines here, and the bank accounts from varbus mines, which would again swell the total to a fabulous amount. There is actalay roll of \$75,000 per month or over in the opinion of a prominent mining man from whom these figures were obtained, inside of a year there will provatly be 40 more claims shipping ore. providing there are facilities for handhaz it which will bring the total up to fideveloped properties. When it is further considered that the city is but three fears and and is equipped with all modem appliances, such as finely graded streets, a sewerage system, a city coun-Gioboard of trade, water and light plant. then it will be easy for outsiders to understard why the citizens of Rossland reprove and have such faith in their city. So speaks the Record, making of course the most of its city. The figures gusted however, are certainly signifitant of a fair future for Rossland.

ORE SHIPMENTS.

The one shipments from Rossland for hepast week aggregated 1,760 tons, all f which went to the Trail smelter. the Landers ontput was 1,650 tons, which lyings the total shipments from his many since the beginning of the earup of 41,997 tons. The Iron Mask pine furnished its usual quota of 60 ons, whale the Centre Star was in the st with a shipment of 50 tons. This the total tonnage sent out from

A SHREWD OPINION.

This is what the Mining Journal, of London, Eng., the oldest mining paper in the world and certainly one of the best, thinks of the Cloudyke and its companies in their relation to the British

investor. Quoth the Mining Journal:
"The Pall Mail Gazette has been at pains this week to interview His Honor Mr. Maclatosh, Lieutenant-Governor of the North-West Territories of Canada, to ascertain his views on the richness of the Klondyke gold fields. As might be expected from one who is imbues with the sentiment of patriotism, this gentleman thinks very highly of this gold field and expressed himself in this self-satis-fied manner—'The Territories are a treasure house of the empire, and when it has been exploited the rest of the world will rub its eyes and wish it had a share in it. All our great colonies in Africa, Australia, and India have had their time, and they are not played out But now it is Canada's by a great deal. turn, and I think our little surprise packet on the Yukon river, as well as in British Columbia, will be about the bigest thing of the century. Give us a year or perhaps two and we will astonish the dear old mother country, and make the nations outside the empire green with onvy.' No person, we take it, would be insane enough to deny the wonderful richness of the Klondyke gold-field, and no one has the slightest doubt that it possesses an abundance of the precious metal. But what we do contend is that. owing to the terrible difficulties encountered in the gold field, and the insur mountable obstacles which forbid mining work during a great portion of the year, the possibility of profitable working is almost out of the question. There may be a few persons who will alone benefit from this marvellous 'treasure house,' but we think the chances which British and other investors stand of reaping any profits from the development of the field are very remote. Judging from the amount of capital that has already been subscribed in Klondyke companies we greatly fear that those who have been foolish enough to part with it will stand little chance of ever seeing it back again, and, in spite of Mr. MacIntosh's opinion, we would earnestly advise them not to en rust any further capital in the expicitation of this phenominally rich but unworkable gold field. But when applied to Canada, and especially to British Columbia and Ontario, the remarks of the Lieutenant Governor possess a great-We have persistently er significance. advertised the claims of both these gold fields, and we repeat what we have frequently said, that investors, if they wish to embark upon safe enterprises, would be far wiser to intrust their capital in mining properties in gold fields such as these, which possess abundant facilities for economical working, than to send it to a country such as Klondyke, where it stands a great chance of being profitlessly expended. Therefore, we have no exception to take to the views held by Mr. MacIntosh on Canada generally. We desire to add our testimony to his that the future will reveal this country to be a veritable 'treasure house,' and that it is destined to give the mining community and the world in genera! . pleasurable surprise."

CLONDYKE GOLD.

This gold is much less pure than that of California, which averages at least \$17,50 an ounce. Some of the Cloudyke gold only assays at the mine \$15.48 wa

MR. HEINZE'S ADVOCATE.

The Rossland Miner has begun its work for its new owner. Mr. Heinze. It consequently advocates very strongly the cause of the Columbia and Western Railwa; and its claims for a Dominion subsidy towards the proposed line from Penticton to Boundary, as against the Coast railroad syndicate, whom, referring to Dr. Milne's attempted bargain and sale of charter claims, it stigmatises as charter mongers. Meanwhile, whether Mr. Heinze and his press advocate like the situation or no, the C. P. R. has determined to extend its Crow's Nest road from Neison to Rossland, if possible fair terms being arranged, via the Columbia and Western line of Mr. Heinze and his associates, otherwise by a new branch of its own. The news naturally delights both Nelson and Rossland.

It looks as if, having regard to the practically unlimited resources of the C. P. R., it were best for Mr. Heinze to follow the scriptural maxim. "Agree with thine adversary quickly." All shrewd observers in B. C. are compelled to recognise that as things are, it is useless to oppose the great transcontinental railroad in any large and important matter, be it Mongol immigration, local service or otherwise. The C.P.R. is strong enough at Ottawa and elsewhere to go very directly in any direction which it may please its powerful director e to take, and fortunately for B. C. the cresent policy of the C. P. R. is, as rerds the mining country at any rate, emine tly progressive.

THE LAST CHANCE.

The Slocan mine, adjoining the "Noble Five," is reported sold for \$250 000 per Mr. McDonald, manager of the Payne mine, Messrs, McCune, who own already dominating mine interests in the Slocan, are reported to be the purchasers.

OFF FOR PEACE RIVER.

R. Applegate, who was in Vancouver for several weeks, left the other day for Peace river where he and his party will do some prospecting and next spring they will probably push through to the Klondike. They left by way af Ashcroft and from there took the trail to Quesnelle. They had two years' provisions.

Telegraphic %doress: Bed-rock.

Code: Moreing & Neal+.

DAVEY & BOSOMWORTH.

Mining Brokers -

GOLD, SILVER AND COPPER CLAIMS BOUGHT AND SOLD.

HOLLAND BLOCK, CORDÓVA STREET VANCOUVER, B. C.

No Book and Good Shifting.

HICKS + BROS.

HACKS, CARRIAGES & EXPRESSES

HACKS ON STAND DAY AND RIGHT ... Comer of Cordova and Abbott Streets

Stand Tel. 940 Neable Tel. 994

....DOUGALL HOUSE Located in the Centre of the City

Kekionga Mining & Development Co.

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. E. A. K. HACKETT, C. D. WILT, F. M. MCLEOD, GEO. W. RICHARDSON, GEO. TIGHE, H. W. TREAT,	•	- Vi Secre	ce-Presiderary-Tres Solicitor	ent., isurer,	• • •	- Foi	t Wayne, Ind. Trail, B. C. Rossland, B. C. Rossland, B. C. Trail, B. C.
			AUDI	ror :	-		

FRANK HUNT, Rossland, B, C.

BANKERS:

Trall, B. C. BANK OF BRITISH NORTH AMERICA,

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 took is classly diorate 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 one by four feet of it trusive porphyry, then occurs another 15 feet of mmeralized quarts. The vein is plainly traceable the full length of the caum a distance of 1500 feet. The quarts 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 iron, 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 thoroughy decomposed mass and was more or less concentrated. The course of the vem is northeast by southwest and from the work at present done appears nearly vertical. I believe this to be a true fission vein, cutting as it does, the formation at an angle of 45 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. 1 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 mning, 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. . . .

De Keyser's Placer Amalgamator: Manufacturing Company

OFFICE: 417 Cordova Street,

Vancouver, B. C.

OUR MACHINES ARE

GREAT CAPACITY

LIGHT, COMPACT, OL

AND SPECIALLY AB

TOAPTEDTHI

WORKING OF TAIL

INGS OF HYDRAUL

MINES GENERALE

Full Particulars sent

Application