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# THE MINING REVIEW.

Vol. I.

ROSSLAND, B. C., OCTOBER 21, 1896.

No. 6.

Cable address, "Mugwump," Rossland. Use "Lieber's,"  
"Moreing and Neal's," and Bedford-McNeil's Codes.

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CONSULTING MINING  
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MINES EXAMINED AND REPORTED ON.  
MANAGEMENT OF MINES UNDERTAKEN

Office over Weeks & Wright, 3 doors east of Bank of Montreal,  
ROSSLAND, B. C.

## E. S. TOPPING,

TRAIL, B. C.

HAS FOR SALE TOWN LOTS IN TRAIL AND DEER PARK.

Mining Claims for sale near Rossland, Trail and in the whole  
Columbia basin.

WILL EXAMINE AND REPORT ON MINES.

### MINING NOTES.

The Josie has a magnificent face of ore in its lowest drift. The ore samples \$75 to the ton and the whole face of the drift is in ore. The Josie company has ceased shipping ore by wagon to Northport and has made a contract with the Trail smelter for part of its output. The Josie is only shipping ore taken out in development work. It has a large area of stoping ground which is untouched as yet. It is said that the mine is being put in shape to sell for a large figure. Nothing sells a mine better than proof of success in the shape of dividends, particularly when the purchasers wish to float a public company.

Development work has been begun on the White Bear.

A force of men are at work on the Southern Cross laying in a supply of wood, building shops and putting the mine in shape to work all winter.

A compressor plant has been ordered for the Red Mountain and will be installed as soon as it arrives.

Last Wednesday the first drill was turned on the Monte Cristo and the mine is now in full blast with about the best equipped machinery in the camp.

It is reported that F. A. Heinze is buying lead ores in the Slocan with a view of treating them at Trail. Transportation from the Slocan to Trail would not be an easy matter during the winter.

A magnificent exhibit of ore from the Nest Egg was on view in Rossland this week. This ore, which is reported to be of shipping grade, and certainly looks like it, is taken from the breast of a drift on the fifty-foot level where there is a face of four feet of solid ore. The Nest Egg has been a sadly abused property. It was abused by jumpers, by the press and by the stock brokers. But with a crown grant and four feet of shipping ore at 50 feet of depth, it is in a better position to-day than many of its more popular and favored neighbors.

J. D. Sword has returned from a trip into the Illecillewaet camp. He reports that the company owning the Lanark are about to put in a cable tramway and open up that splendid property.

THE REVIEW had a fine sample of Deer Park ore assayed out of curiosity. It gave a return of \$97.60 in gold and 61.5 ounces in silver to the ton. This is wonderful ore and it is taken from one of Trail Creek's lowest grade prospects on the surface.

The machinery being installed on the Homestake will soon be in working order.

Tiger Creek gulch has a most active appearance now. The Crown Point company's compressor plant is in place and the thick timber that fringes the gulch has been pretty well thinned out and piled up as cordwood to provide fuel for it.

The April Fool and some other claims on the south belt have been purchased by Mr. Henry Croft, representing Victoria parties.

A live frog was found in the rock on the Eric below the 60-foot level. G. Pfunder says it must have been a mascot to the mine as the shaft is now all in ore.

The control of the Colonna has passed into the hands of the Montreal syndicate, which has purchased the townsite; that is to say, they have acquired an option on 800,000 shares of the stock and have paid down a substantial consideration. By the way, things will be lively in Montreal this winter if Jim Wardner has got his oar in there.

The north vein of the Le Roi has been discovered on the surface of the West Le Roi and Josie, about 90 feet west of the old workings. It shows about nine feet wide, strongly mineralized and carrying plentiful indications of copper.

The Commander's compressor plant has arrived and is being installed.

Some ore taken from the raise in the Mugwump assayed high enough in gold with its copper valuation to make it of shipping grade.

The boilers for the new hoists on the Nickel Plate have arrived.

A neat and artistic map of the Wild Horse Creek mining camp has been published by W. F. Newell, C. E., of Barrett, Newell & McDonald.

The Esmeralda, adjoining the Eden and Cracker Jack, has been sold to Mr. Foster, of Toronto.

Mr. Montgomery, of Toronto, purchased the Hattie, a 1,300x1,500 foot claim in the south belt, for a good figure the other day and afterwards refused an offer of \$6,000 over the purchase price.

Mr. J. F. McRae has returned to Montreal where he will handle Iron-Colt's assay stock.

A piece of land 50x40 feet on Commissioner street, Johannesburg, recently changed hands at the price of \$100,000. Seven or eight years ago Johannesburg was a smaller town than Rossland is to-day. To-day Rossland has a greater future before it than Johannesburg had then. There are possibilities in Rossland's real estate.

Marc Gilliam, the pioneer of the Salmon River country is in Rossland and is highly elated over the present showing and prospects of the future development of Salmon river.

Since the article on the Silver Bell, in this week's REVIEW, went to press, work has been started on the property and a good body of galena and carbonates was discovered under the quartz capping; it is reported to be about three feet wide and should, judging from assays obtained before, run high.

A strike of ore is reported on the Good Hope.

Preliminary work on the Waneta and Trail Creek Company's claims gives encouraging results. Superintendent Peterson brought in some good looking rock yesterday.

Harold Kingsmill, representing J. Geale Dickson, has let contracts for the survey of the Mountain Chief, Nelson group and Black Pearl.

A man at work on a well on the Red Mountain mine fell back in the hole after lighting his fuse yesterday and before he could get out the shot went off. His arm was broken in two places and he received other injuries.

### THE NORTH FORK OF THE SALMON.

What is known as Craig's camp, lies about six miles up the North Fork of Salmon River, from Salmon Siding on the Nelson & Fort Sheppard railway. On a number of claims located there development work has shown up good value. On the Victoria, owned by R. W. Craig, assays of \$22 in gold, 15 ounces in silver and 5 per cent copper were obtained at a depth of eight feet. From a shaft 12 feet deep on the Daisy the rock ran \$8 in gold, 40 ounces in silver and 8 per cent copper. The Mersey owned by Marc Gilliam and others, gave 126 ounces of silver at a depth of ten feet. The Arnold is more extensively developed than its neighbors and ore was taken from the bottom of a 30 foot shaft, assaying \$22 in gold, 40 ounces in silver and 10 per cent copper. The Porto Rico is a claim from which some very astonishing results in free gold were obtained from surface rock.

The country behind Craig's camp rises to the summit of the divide between the Salmon and Kootenay rivers. Nearly the whole district has been staked up to the summit on both sides, and many of the claims show up well on the surface. From the Salmon up the divide, gold, sometimes in quartz and sometimes under iron cap, predominates over silver. Near the summit, however, the ore becomes very rich in copper, while over the divide, toward the Kootenay, it runs into silver and copper.

## BIG SALE OF ROSSLAND REAL ESTATE.

When Ross Thompson planted the stakes that now mark the boundaries of the town of Rossland no thought can have crossed his mind that inside of four years Rossland would be the busiest and most progressive little city in British Columbia. Town lots in Rossland were first sold in the summer of 1894. At that time it was impossible to trade off the choicest on Columbia avenue for more than \$50 apiece, and then terms had to be made easy. The people of West Kootenay had been badly bitten in real estate in the Kootenay and Arrow Lake country and they were not going to invest in a wildcat townsite which was taking advantage of one low-grade gold prospect, the Le Roi, to boom itself into existence. It was not until Patsy Clarke found ore in the War Eagle and commenced to ship that anyone had any faith in Rossland real estate. Still no active market in real estate was established until after the spring rains in 1895. In 1895 the appearance of Columbia avenue was not such as to captivate buyers. It was impassable for a team. The ore teams followed the government wagon road, now known as Sour Dough Alley, which crossed the line of Columbia avenue at the east end. From Spokane street east our main thoroughfare rose at a grade of about 45 degrees, covered with stumps and boulders and then descended into the bed of Center Star creek, then a stream of drinkable water, flowing through a ravine on the present site of the Burns' block and fringed with willows and hazel bushes. What Columbia avenue was like farther east may be judged by the unsightly mound of rock which still disgraces it. Real estate was not very saleable under these conditions and circumnavigation of Rossland after dark was a matter of extreme delicacy and danger.

What changes have taken place since those days, one has only to look around to see. Streets have been opened up and fine buildings put up and now Columbia presents as fine an appearance as any street could in a wooden town. At the same time Rossland has never gone ahead of the mines. The big prizes have been in mining and except for building purposes, real estate has been neglected. In fact, in the rush to secure mineral wealth, the interests of the town have been very much overlooked. It has grown wild and free as business spread and increased and no improvements have been made which were not exacted by necessity.

The sale which was made last Friday, of all the unsold lots, for a very large sum, should awaken people to the value of Rossland realty, a value neither fictitious nor speculative, but actual and intrinsic, and it is to be hoped that property owners from now on will take more interest in the fair appearance, prosperity, and wise regulation of town affairs.

## CONCERNING THE DEER PARK.

The Rossland Miner says in its last issue:

"We are unable to give any particulars of the development in the Deer Park mine this week. Mr. Kelly, the manager of the property has been in Spokane for the past few days and during his absence a most mysterious secrecy has been observed. Mr. Jeldness, one of the largest owners, went out there yesterday and was refused admission to the shaft. Whether the ore in the bottom is running a trace or \$250 we are therefore unable to learn."

Surely this paragraph, if not absolutely ill-natured, is just a trifle petulant. It reminds one of the woman who says to her husband. "Let me see! let me see!" and, refused the satisfaction of her curiosity, tosses her head with "Oh! You've got nothing there;" and makes a mighty bobbery over nothing at all. Petulance in youth is apt to become shrewish in old age. And a shrew is a creature wanting in dignity and usefulness. This paragraph shows positively a slight trace of the shrew. There is a magnanimous repression of irritation about it, and it closes with a confession of ignorance that contains a doubt. The Miner had better study the voracious history of Bluebeard and his wife or the harrowing recital of the one-eyed Calendar in the eastern tale (whom Mark Twain refers to as an almanac), who was not content with forty beautiful maidens and thirty-nine gardens of paradise, but must needs penetrate the fortieth to be hurled down to earth on a black horse and lose an eye by a whisk of its tail, yes, and be glad it was no worse.

The R. J. BEALEY CO.,  
LIMITED LIABILITY.

## Mines, Stocks, Real Estate and Insurance

CONVEYANCING, GENERAL AGENTS, NOTARY PUBLIC.

Offices at Rossland, Trail and Nelson.

## THE SILVER BELL.

The property owned by the Silver Bell Mining Co. lies to the south of the Zilor and East St. Louis. It is easily accessible from the grade of the Red Mountain Railway which skirts the mountain not more than half a mile from the tunnel site on the Silver Bell. Comparitively speaking, little work has been done on the ground as yet. A series of shallow cuts and some surface stripping has uncovered a well defined vein for some distance. The vein is from twelve to fourteen feet wide and is mineralized throughout, the vein matter consisting of quartz and some lime and it carries steel galena, zinc and a little iron pyrites. It all carries some value in gold and silver and some shipping ore can be sorted out of what has been taken from the surface. The vein is characterized by seams of lead and iron oxide, commonly called carbonates, from which some very high returns in silver have been obtained and also better values in gold.

There are several of these seams coming up through the capping, the widest, showing at different points, is from four to eight inches, being toward the hanging wall side of the vein. There can be no reasonable doubt that when depth is obtained these will show up as seams of very high grade ore in the vein. While, if the whole body of the vein proves to be of shipping value, there is a chance of the Silver Bell making a very big mine. The rock looks as though it would concentrate but whether experiments have been made in that direction or not THE REVIEW does not know.

A road is being cut down to the railway grade and a force of men will be set to work to open up the property this week. The ore is not dissimilar in character to that on the Mayflower, on this side of the mountain. The vein is so wide and strong and its direction so true that there should not be a great deal of trouble in developing it.

## A NEW SOURCE OF GOLD.

The receipt of 4,000 ounces of gold from the placer workings on the island of New Guinea, which is reported by the Australian papers, marks the progress made in a new field, the full extent and value of which have yet to be ascertained. Miners from Australia have been going to New Guinea for some time past, attracted by reports of rich placers discovered on the island, and there must be now quite a number at work. The gold so far found, we believe has been taken entirely from the beds of streams and the alluvial deposits on their banks. The country is under British protection, and what settlements have been made are entirely from Australia. It is one of the group which includes New Caledonia and the New Hebrides and is divided from the northern point of Australia only by Torres Strait.

Gold as well as nickel has been reported to exist in New Caledonia, but we are not aware that any appreciable amount has been recovered there. The development of the resources of that island, however, have been checked by its use as a penal colony by the French government, free settlers being unwilling to go there with a convict population.

Gold is known to exist on some of the larger islands of the Indian ocean, especially Borneo and Celebes, but very little prospecting has been done by white men. It is not impossible that the next new developments in gold production may be in these far eastern islands, of which so small a part has really been explored, notwithstanding the centuries which have passed since they were first known to Europeans.—Engineering and Mining Journal.

ROBBINS & LONG, Chas. P. Robbins  
Leo. H. Long  
ASSAYERS AND CHEMISTS.

PRICES FOR ASSAYING:

Copper only .... \$2 00	Lead, wet assay \$2 50	Antimony .... \$5 00
Gold and Copper 2 50	Silica ..... 2 50	Arsenic ..... 5 00
Gold only ..... 1 50	Iron ..... 2 50	Nickel ..... 10 00
Silver only ..... 1 00	Zinc ..... 3 00	Cobalt ..... 10 00
Gold and Silver. 2 00	Sulphur ..... 3 00	Coal Analysis 10 00
Lead, fire assay 1 00	Aluminum ..... 3 00	

Ten or more samples from same party in any one month, 30 per cent off list prices. Five or more brought in at one time same discount. Special attention given to samples by mail.

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## CHAS. W. CLUETT,

ASSAYER.

REAR OF GROCERY,

OPPOSITE BANK OF MONTREAL.

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ROSSLAND, B. C.

## MINING PRINTING.

We are prepared to print STOCK CERTIFICATES, PROSPECTUSES, PAY ROLLS, VOUCHERS, ORDER BLANKS, and other Mining forms. Our work speaks for itself.

REVIEW PRINTING HOUSE.

Miner Block, East of Postoffice.

## SPOKANE FALLS &amp; NORTHERN

RAILWAY.

Nelson &amp; Fort Sheppard Railway.

The Only Route to Trail Creek

and the Mineral District of the Colville reservation, Nelson, Kaslo, Kootenay Lake and Slocan Points.

DAILY EXCEPT SUNDAY BETWEEN  
SPOKANE AND NELSON.

Leave Going North, 1:10 p.m.	.....	NORTHPORT.....	Arrive Going South, 11:40 p.m.
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Passengers for Trail creek mines connect at Northport with stages and steamer daily.

Close connection at Nelson with steamers for Kaslo and all Kootenay lake points.

Passengers for Kettle river and Boundary creek connect at Marcus with stage daily

## COLUMBIA &amp; WESTERN RAILWAY

Time Table in Effect July 1, 1896.

No. 2. PASSENGER, Daily except Sunday—	
Leaves Rossland .....	7:00 a. m.
Arrives at Trail .....	7:45 a. m.
No. 6. PASSENGER, Sunday only—	
Leaves Rossland .....	5:30 a. m.
Arrives at Trail .....	9:15 a. m.
No. 4. PASSENGER, Daily—	
Leaves Rossland .....	3:00 p. m.
Arrives at Trail .....	4:00 p. m.
No. 3. PASSENGER, Daily except Sunday—	
Leaves Trail .....	10:30 a. m.
Arrives at Rossland .....	11:45 a. m.
No. 1. PASSENGER, Daily—	
Leaves Trail .....	5:00 p. m.
Arrives at Rossland .....	5:45 p. m.
No. 5. PASSENGER, Sunday only—	
Leaves Trail .....	11:00 a. m.
Arrives at Rossland .....	11:45 a. m.

Connection made at Trail with ALL STEAMERS, both up and down the Columbia river.

For freight rates and further particulars, write to  
F. P. GUTELIUS, Gen'l Sup't.  
Rossland, B. C.

# The International Gold-Copper Mining Co.

LIMITED LIABILITY.

Incorporated under the Laws of British Columbia.

**CAPITAL STOCK,** - 1,000,000 SHARES,  
PAR VALUE \$1.00 PER SHARE.

**TREASURY,** - 350,000 SHARES

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Organized for the purpose of developing the SNOW  
DROP MINE, located in the South belt, about 3½ miles  
from Rossland, and adjoining the Summit mine.

**STOCK:**

The first block of stock is now offered at the low price  
of 1½¢ The second block of stock will go on shortly at 5¢.

Full information upon application.

Address all communications to

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Remittances may be made to the Manager of the Bank  
of B. N. A., Rossland, B. C.

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**BARRETT, NEWELL & McDONALD,**HEAD OFFICE,  
SPORANE, WASH.**MINING BROKERS,**

IN OFFICE OF

California and Big Three Gold Mining Company,

**Burns' Block, ROSSLAND, B. C.**

**NOW OFFER 50,000 SHARES OF THE TREASURY  
STOCK OF COLONNA GOLD MINING  
COMPANY AT 12½ CENTS.**

We strongly recommend this purchase to investors. The:

**Colonna Gold Mining Co.**

is capitalized for 1,000,000 shares, par value, \$1.00, 200,000 shares of which is  
Treasury stock. Officers of Company are: President, Chas. Schmidt, Butte,  
Mont.; Vice-President, A. Klockmann, Rossland, B.C.; Treas., Louis Lienemann,  
Butte, Mont.; Sec'y, Harold Kingsmill, Rossland, B.C.

**Situation**—Buckeye No. 2 on west slope Monte Cristo Mt.; size 22 acres.  
Bounded by the well known properties Monte Cristo, Evening Star, Silverine and  
Eddie J. claims.

**Title**—Absolutely perfect, company possessing crown grant and has no in-  
debtedness, bonded or otherwise.

**Stock Pooled**—Individual stock pooled for 3 months from Oct. 1, 1896.

**Veins**—Three separate veins on Buckeye, 6, 18 and 25 ft. wide, running full  
length of claim. The Colonna or South vein has been traced 1000 feet, an ex-  
tension of the Evening Star vein, by whom it is being developed.

**Ore**—Is auriferous copper in sulphide form. It is generally a massive  
chalcopryrite in quartz and calcspar gangue.

**Assays** from this ore run as high as \$40 gold, 20 per cent. copper, and \$85  
gold. These assays are not picked.

*The Buckeye is first mining property in camp placed on market with body of  
pay ore actually in sight.* Twenty tons already on dump, commanding a premium  
at Trail Smelter on account of its copper.

**Development**—Shaft 25 ft. deep, showing solid copper ore at bottom. A  
tunnel along hanging wall 47 feet, headed for shaft tapping ore chute at depth  
125 feet, opening vast stoping area. Open cut 250 ft. east discloses 4 feet \$60  
gold and copper ore. Arrangements have been made with Monte Cristo Co. to  
use two air drills, Monte Cristo Co. furnishing the power.

We strongly recommend this purchase and request investors to visit the  
property to verify facts as stated.

**PROSPECTING NEARLY OVER.**

West Kootenay has been favored this season with  
an Indian summer of wonderful duration and beauty.  
Now, towards the end of October, there is not a speck  
of snow on the highest peaks, but this is a condition  
of affairs which must shortly cease. The first wet  
weather we have, the higher ranges will put on their  
winter nightcap and the prospector's attention must  
be diverted from what is above the ground to what is  
underneath. The extension of the mining area of  
Trail Creek district has been one of the great features  
of the year and will doubtless be of succeeding years.  
But for this season that extension is doomed to sud-  
den arrest at the hand of nature. It is therefore a  
good opportunity to roughly cast up the gains which  
have been made in outlying districts during the past  
summer. Four main camps have been specially  
prospected this summer from Rossland as a center,  
Murphy Creek, Champion Creek, Waterloo and that  
enormous stretch of country roughly known as Sal-  
mon River.

Murphy Creek has so far, produced one great pros-  
pect, the Heather Bell. But a great deal of surface  
work and some elaborate development has been done  
on Murphy Creek. Still its standing as a producer is  
yet a matter of the future, but its chances are good  
and growing better. Property on Murphy Creek has  
distinctly improved this summer. China Creek and  
Burnt Pass have received a little attention as appen-  
dages to Murphy Creek, but have, so far, not war-  
ranted any furious excitement.

On Champion Creek serious development work has  
been undertaken by three companies, the Black  
Hawk, the Gladiator and the English syndicate now  
in control of the Free Coinage and Jeff Davis. The  
first of these has sunk a shaft 72 feet and between 60  
and 70 feet struck a body of pay ore. The Gladiator  
is down 32 feet and has put in a pump to handle the  
water encountered. On the Free Coinage a crosscut  
tunnel, calculated to reach the ore at a depth of 100  
feet, has been started and is now in 75 feet. This  
tunnel will do much to prove the district of Champ-  
ion Creek. On Bear Creek, which might be consid-  
ered part of Champion Creek camp, very little has  
been done as yet.

Waterloo camp is not so prominently before the  
public as it was at one time. It is to a large extent,  
as yet, untested. It is not generally known that the  
Waterloo camp was spotted as a likely country for  
mineral as far back as 1891, by some prospectors who  
made their way across the Rover Creek mountains  
on Kootenay river. But at that time low grade show-  
ings were not much in favor.

At the present time public interest is centered on  
Salmon River and particularly on Wild Horse Creek,  
and the impression is growing that one of our great-  
est mining districts will be opened up there, among  
men who are not generally carried away with un-  
founded enthusiasm. Great activity in that country  
is to be expected during the winter and spring.

This has been a rapid glance at an enormous tract  
of country. It shows two things, first that gold is not  
picked up ready minted in those hills. It takes time  
and an infinity of patience to develop a camp, how-  
ever promising, even when it can borrow prestige  
from the Rossland mines; and second, that in these  
outlying districts there are as great opportunities as  
Trail Creek ever afforded. Because it stands to  
reason that where one good prospect has been dis-  
covered others will be found, and that where one  
mine has been opened up others will be. Kootenay  
has a vast reserve of virgin resources which are a  
standing advertisement of inducements to the capital,  
brains and enterprise of the whole world.

**THE LOWEST PRICE ON RECORD.**

Tin prices in New York last week reached the  
lowest point on record, the quotation on Friday, Oct.  
2, being 13 cents per pound for spot sales and 12½  
cents for future deliveries. The average quotations  
for parallel dates have been 14½ cents in 1895, 16¼  
cents in 1894, 20¾ cents in 1893, and 20¾ cents in  
1892. The fall in five years has therefore been 7¾  
cents per pound or 36.2 per cent. The present pros-  
pect is that the price will continue lower, even if there  
should be no further decrease.

Various causes have contributed to the reduction in  
the values of this metal. The opening of new sources  
of supply in the Dutch East Indies, and the fall in the

price of silver cheapening the cost of production,  
which is now chiefly from silver-using countries, have  
largely increased the output of the metal, which has  
grown a little faster than the demand. Just at the  
present time also the tin-plate manufacture in Great  
Britain is in a state of great depression, largely be-  
cause the exports to this country have been cut off  
by the competition of our new plants, while these  
works are also suffering from the general depression  
of trade.

We may add that the British production of metallic  
tin, which has long since ceased to be a factor in the  
trade, continues to decrease. With the exception of  
the small quantities which come from Australia and  
Bolivia the market is now supplied from the old dis-  
tricts of the Malay Peninsula and the more recently  
opened mines of the Dutch islands. It is a curious  
fact that the mining of tin is at the present day very  
largely in the hands of the Chinese, who are spread-  
ing so rapidly over the far east and are obtaining con-  
trol of the mines in the Straits settlements and else-  
where because they are there the only race of steady  
laborers.—Engineering and Mining Journal.

**ANCIENT EGYPTIAN COPPER MINES.**

A note by M. Berthelot, recently published in  
Comptes Rendus, says that the copper mines of Sinai  
are the most ancient of which history makes mention.  
According to authentic documents they were worked  
from about 5,000 years B. C. until the end of the  
Kamesseides (about 1,300 to 1,200 B. C.) Their pos-  
session had been the object of several wars, but they  
have been abandoned for 3,000 years on account of  
the poverty of the ores. It was from these mines that  
was obtained the sceptre of Pepi I., a king of the  
Sixth dynasty. This sceptre, made of pure copper, is  
preserved in the British Museum. The adits still ex-  
ist, as well as the ruins of the furnaces, the crucibles,  
the huts of the miners and some fragments of  
their tools. In the specimens obtained by M. de  
Morgan there occur three ores, turquoise, copper, hy-  
drosilicate and sandstone impregnated with copper.  
These actual ores are superficial and form a cap, de-  
rived from the alteration of deeper pyritic beds  
which the ancient miners failed to reach. The tur-  
quoise contained 3.32 per cent cupric oxide; the cup-  
riferous gritstones are equally poor. Among the  
debris have been found remains of furnaces and cru-  
cibles, slags and cinders, fragments of tools. Nor is  
there evidence of the use of fluxes. Some of the  
fragments of tools contain arsenic, which was used by  
the Greek and Egyptian alchemists for hardening  
copper. It is interesting to note that metallurgical  
procedures similar to those of our days had been  
reached empirically 7,000 years ago.

# THE MINING REVIEW

A weekly newspaper devoted to the mining interests of Trail Creek District.

Published every Wednesday at the office of The Mining Review, Columbia Avenue, Rossland, B. C.

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VOL. I. OCTOBER 21, 1896. No. 6.

## EDITORIAL NOTES.

WHY waste breath talking about sewerage and street improvements and fire protection under the government of Victoria. Let us have a Rossland government of Rossland. The citizens of Rossland could surely elect a mayor and council with some intelligence to appeal to. The trouble about the Victoria government is that there is no use in appealing by reason to its head; the only way to move it is by applying pressure to a more sensitive and equally intelligent portion of its anatomy.

WEST KOOTENAY has now a daily mail service to Canadian points east and west via Spokane, thanks to Laurier and Bostock. Is it not curious that the authorities in Washington were always in the way of this reform so long as Mara was member and held the mail contracts? The first thing we know West Kootenay will have a good mail service; and when it does the average inhabitant of West Kootenay is likely to see a supporter of the Laurier government when he looks in a mirror.

THE MINING REVIEW may take credit for this:—That in five weeks it has shut up the outside journals who were publishing vague indiscriminating articles on wild cats and kindred enterprises in Trail Creek. Facts and figures are great things and when these journals were asked for facts and figures they had none to produce. One or two stock transactions, admittedly doubtful, were used as a basis from which to throw mud at the whole district, and the resultant harm to legitimate enterprise was not considered. Possibly THE REVIEW was only the fly on the wheel, but in any case it is a good thing that the tone of the press has changed, and THE REVIEW is generous enough to itself to take a little credit for the change.

THE following is from the Toronto Star: "Rossland, B. C., Oct. 12.—Practical miners here find amusement in reading the despatches in Toronto papers that from day to day report increased value in the assays on certain properties. Eastern investors should exercise caution in purchasing the shares of such companies, as a shaft can only be sunk a few feet a day without air drills, and these companies do not possess air drills." In sinking the grade of an ore body is not likely to show material improvement from day to day, but in cross-cutting from foot to hanging wall it is extremely likely to do so. A shaft can only be sunk a few feet a day without air drills, can it? There is an airy indefiniteness about that "few feet." Any miner could sink a shaft in oxygen as fast as it could be timbered, but when it comes to Trail Creek rock he measures his daily results in inches.

THE COLONIST again quotes a short article from THE REVIEW on which it comments at length. "Such rubbish," it says, "passes current among a class of badly informed people as very clever writing," which may be true. It may comfort itself with the reflection however, that nothing in its own comment is likely to pass current as very clever writing with anyone, however badly informed. It goes on "if we were to judge the community which THE REVIEW is endeavoring to cultivate as a constituency by this kind of newspaper provender, we should have a very poor

opinion of their morality or their intelligence." This only proves that the Colonist and the people it represents, entirely under-estimate the depth of the feeling which has been stirred up by the abominations of the Turner government's land policy. THE REVIEW admits that its language may be "demagogic froth," but if it is, it is froth churned by the storm of a deep seated and righteous popular resentment.

THERE are a few public spirited men in Rossland. No town is wholly without them. Why do they not stir up the Ratepayers' Association? By the way, what is that hole-in-corner, out-of-date effete and moribund institution doing? Does it not know that the snow is at hand when people will not be able to take protracted trips into the mountains hunting wild cats, and require agitation, public meetings, resolutions, denunciations and the other playthings which amuse the gens humana and make the long evenings pass pleasantly away? And why does it not provide the public with that kind of pabulum necessary for the process known as chewing the rag? What is it here for? We want this town incorporated and we (not the editorial we—God preserve the editorial Us from municipal politics but the community at large) are going to have it incorporated. Is the Ratepayers' Association taking any steps in this direction. If not, the members of that august body had better disband and let somebody else attend to things in general and the interest of the town in particular.

THERE is never likely to be any very hurtful speculation in Trail Creek mining stocks so long as the business is carried on on the some principles as present, so long that is as an actual transfer of stock and payment in full accompanies each transaction. What the purchaser buys he pays for and owns. It may be worth more than he pays for it, or he may pay more for it than it is actually worth. It may rise in value or it may fall in value, or the value may be altogether fictitious, but such as it is he owns it and has parted with his money in exchange for it. Several attempts have been made to establish stock boards at various points with a view of protecting the investor by making stocks listed comply with certain conditions. It is all very well to establish stock exchanges, but dealing in margins will follow their establishment as sure as night follows day. And, apart from the fact that dealing on margins is gambling in one of its most reprehensible forms, it would result in great injury to the interests of the mining district. Under the present conditions the bulk of the money invested in stocks is money actually subscribed for the development of property. Under a system of stock gambling certain stocks would become popular coupons on the movement of which to bet. It would be more difficult to get subscriptions to stock which did not have a quotation, and the capital which is now going into the ground with the reasonable hope in many cases of taking substantial returns out would be swallowed up in a vortex of speculation, and finally make its way into the pockets of the men who were running the game for a percentage, the stock brokers.

We are very likely to see a real estate boom in Rossland. There has never been one yet. Speculative purchase of town lots have been rare, but there is a whisper in the wind now which bids those who have an eye to business to look out. A real estate boom is not a thing to be greatly desired. Increase in the value of real estate depends on increase in the volume of business and value of resources; and in a real estate boom the cart is apt to get before the horse and increase in the volume of business is apt to depend on the speculative exchange of real property. So far this topsy-turvy wealth has been conspicuously absent from Rossland. The increase in the value of real estate has been steady and continuous, but it has been derived from the business done in the town, not from a speculative fever. There is a great difference between a mining boom and a real estate boom. A mining boom, while much money may be wasted on it, brings new mines to the front and enriches the community, for every ounce of gold taken out enriches every individual living in the district. But speculative transactions in town lots enrich only the individual owners of the lots. They add not one iota to the wealth of the community. Suppose I own a lot on Columbia avenue and it suddenly under the influence of a boom doubles in value, that lot is in-

trinsically worth not one dollar more than it was before. Suppose, on the contrary, I own a wild cat prospect which a mining boom enables me to get money to develop and I discover a paying mine, that adds to the resources of the country and increases the wealth of every human being in it. There is only one good feature about a real estate boom, it generally leads to some money being spent in improving and beautifying the town. From that point of view we could stand a little boom in Rossland.

C. F. CLOUGH, President. L. J. McATEER, Vice-Pres. & Treas. J. F. PIGGOTT, Secretary.

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## CERTIFICATE OF IMPROVEMENTS.

### CAMBRIDGE MINERAL CLAIM.

Situate in the Trail Creek Mining division of West Kootenay district. Where located: About 4 miles south east of the town of Rossland, on Violin Creek.

TAKE notice that I, N. F. Townsend, as agent for H. S. Wallace, No. 73,405; John Elliott, No. 75,011, and Ernest Miller, No. 72,357, intend, sixty days from the date hereof, to apply to the Mining Recorder for a certificate of improvements, for the purpose of obtaining a Crown grant of the above claim.

And, further take notice, that action under section 37 must be commenced before the issuance of such certificate of improvements.

Dated this 10th day of October, 1896.  
10-14

N. F. TOWNSEND.

THE MINING REVIEW.

A weekly paper devoted to the mining interests of Trail Creek district.

A valuable advertising medium—a reliable newspaper.

REPORTS FROM THE EAST

J. B. MacArthur, accompanied by his wife, returned from Toronto on Monday night. Mr. MacArthur is heavily interested in the Monita and reports that the stock has been laid hold of by Montreal capitalists and will undoubtedly be a successful flotation.

Regarding the attitude of the east toward British Columbia mines, he says, it has been converted to the belief that in order to prosper it must open up the mining resources of the west, and that there is a better tone in eastern business circles already, that the pulse of Canadian enterprise seems to have been quickened by the magnificent results from Kootenay and that all mining sections of the Dominion, particularly Western Ontario, are reaping the benefit, which is a happy augury for Canada's future.

He says that people in Toronto are now thoroughly convinced of the bona fides of our mining ventures here but that they are conservative and given to looking before they leap. The Toronto market is pretty well loaded up with stocks but the spare capital of other towns is beginning to buy Trail Creek shares, and he anticipates a good market for good mining stocks throughout the winter. Montreal is beginning to wake up and the public there are beginning to realize what a scoop Toronto enterprise has made in securing a heavy holding in Kootenay, at low prices.

THE MINING REVIEW, Mr. MacArthur says, has already acquired quite a standing in Toronto as a reliable source of information about Kootenay, one article in particular, demonstrating the legitimate gains made by Toronto investors, having been widely read and commented on. The Toronto World he says, has made a feature of mining news and has very much improved its circulation in consequence.

THE JULIET MINE.

The following is condensed from a report on the Juliet mine, by Mr. J. H. Inkster, M. E.

The Juliet is a full sized claim of 52 acres, situated on a mountain known as Red Mountain, from its similarity in appearance to the Red Mountain at Rossland. It is within a mile of Sayward, on the Nelson & Fort Sheppard Railway and is admirably located for transportation facilities. The Juliet has a main ledge running through the center of the claim. The very fine grained country rock is itself iron-stained, but there is no difficulty in defining the ledge, which is characterized by a very strong and deep iron cap.

The formation is the same as that of Rossland, the ledge occurring in eruptive rock, mostly greenstone or diorite, varying from a very fine grained compact rock to a coarse crystalline aggregate. The ledge runs with the mountain in a north easterly direction and dips into it. The ledge is heavily mineralized and undoubtedly overlies an ore body of great extent.

A tunnel, now driven 22 feet, has been started on the line of the ledge. An unusually good showing has been developed in the tunnel and the indications are that greater improvements may be looked for. The face shows considerable mineral of assayable character but is still in loose rock; the solid formation is not to be expected before 30 or 40 feet.

Development on the Juliet will not be a matter of any great difficulty and the work should be cheap and rapid. Under intelligent development the Juliet should become a property of great value.

MARKET REPORT.

This has been a quiet week in stocks. There have been no startling advances, but the volume of business has been well maintained and the market is strong. There have been no additions to the list of favorites. THE REVIEW predicted that when pay ore was struck on the Deer Park the stock would go straight to a dollar. It is on the way now. Realizations to make a profit of course keeps it back to some extent. When a stock triples in value in three weeks it is bound to come on the market in considerable quantities. Great Western, Evening Star and Muggump are still in demand. Very little of the latter can be bought underneath the company's quotation of 20 cents. West Le Roi and Josie should make a popular and rising stock as the new showing is opened

up and developed. There is very little of this stock on the open market and holders of it had better hold on for the present. The control of Colonna falling into the hands of a syndicate managed by Jim Wardner is a guarantee that Colonna stock will rise and the wonderful showing on the property be energetically opened up. Steady work has been going on on the Good Hope for some time and should the reported strike on the property prove up, as there is reason to expect, the stock will treble in value inside a month. It is distinctly on the cards that Monte Cristo, now that work is progressing in good shape, will shortly regain its popularity and come to the front of speculation again. Nest Egg with its present showing is one of the best stocks in the camp to hold. The next two mines in Trail Creek to pay dividends ought to be the Josie and Evening Star. The market for Yale has been so well loaded up with promoters' stock at a cent and a half that the new issue of treasury stock will have a whole lot to contend with unless a good showing of ore is opened up on the property. Cambridge is being withheld until work is started on the property and the next block is not likely to be put on at less than 10 cents. Iron Colt treasury has had a ready sale on the fine and improving appearance of the property. Juliet is a stock which has had had usage at the hands of fortune. If the property has the merit claimed for it by the promoters it will stand the severe tests put to it, and the fact of its value will be fairly well established if it survives.

COMPANIES.	CAPITALIZATION.	PAR VALUE.	MARKET PRICE.
Alberta.....	\$1,000,000	\$ 1 00	t 10
Butte Gold Copper.....	1,000,000	1 00	t 07 1/2
Caledonia Con.....	500,000	1 00	t 8 1/2
California.....	2,500,000	1 00	15
Cambridge.....	1,000,000	1 00	t 08
C & C.....	500,000	1 00	*
Centre Star.....	500,000	1 00	*
Commander.....	500,000	1 00	t 25
Crown Point.....	1,000,000	1 00	50
Colonna.....	1,000,000	1 00	t 12 1/2
Cariboo.....	800,000	1 00	36
Deer Park.....	1,000,000	1 00	21
Elise.....	1,000,000	1 00	t
Enterprise.....	1,000,000	1 00	*
Eureka.....	500,000	1 00	t 05
Evening Star.....	1,000,000	1 00	30
Georgia.....	1,000,000	1 00	35
Good Hope.....	500,000	1 00	8
Great Western.....	1,000,000	1 00	22
High Ore.....	500,000	1 00	07 1/2
Homestake.....	1,000,000	1 00	
Hall Mines.....	£300,000	£1	8 15
Idaho.....	500,000	1 00	*
Iron Colt.....	1,000,000	1 00	t 15
Iron Horse.....	1,000,000	1 00	*
Iron Mask.....	500,000	1 00	75
Ivanhoe.....	1,000,000	1 00	t 10
Josie.....	700,000	1 00	60
Jumbo.....	500,000	1 00	75
Kohinoor.....	1,000,000	1 00	t 10
Le Roi.....	2,500,000	5 00	7 00*
Lily May.....	1,000,000	1 00	15
Mayflower.....	1,000,000	1 00	16
Monte Cristo.....	1,000,000	1 00	t 20
Muggump.....	1,000,000	1 00	t 20
Monita.....	750,000	1 00	t 25
Northern Belle.....	1,000,000	1 00	t 15
Old Ironsides.....	1,000,000	1 00	15
O. K.....	1,000,000	1 00	32 1/2
Orphan Boy.....	7,000,000	1 00	t 10
Phoenix.....	500,000	1 00	t 12 1/2
Poorman.....	500,000	1 00	11
Red Mountain View.....	1,000,000	1 00	20
Rossland, Red Mt.....	1,000,000	1 00	20
St. Elmo.....	1,000,000	1 00	15
Silverine.....	500,000	1 00	12 1/2
Southern Cross & W Con.....	500,000	1 00	20
St. Paul.....	1,000,000	1 00	t 10
Trail Mining Co.....	250,000	100 00	*
Union.....	600,000	1 00	*
Virginia.....	500,000	1 00	28
War Eagle.....	500,000	1 00	75
West Le Roi.....	500,000	1 00	*15
White Bear.....	500,000	1 00	t*
Young British America.....	1,000,000	1 00	t*
Alamo.....	500,000	\$ 1 00	*
Cumberland.....	500,000	10 00	*
Grey Eagle.....	750,000	1 00	*
Kootenay-Columbia.....	40,000	100 00	*30
Minnesota.....	1,000,000	1 00	*
Noble Five Con.....	1,200,000	1 00	50
Rambler Con.....	1,000,000	1 00	*
Slocan Star.....	500,000	50	*15
Sunshine.....	500,000	10 00	*
Wonderful.....	1,000,000	1 00	15

Dividend paying properties appear in italics. An asterisk denotes that there is no stock on the market. t denotes treasury stock.

THE B. C. MINING RECORD.

The October number of the B. C. Mining Record is full of platitudes concerning mining, which would be admirable if they were not all used to point the moral and adorn the tale, that everyone connected with mining business in Rossland was a liar and a swindler. It calls THE MINING REVIEW a "mendacious sheet," an indictment THE REVIEW will probably survive. In the stand which THE REVIEW has taken, to protect the fair fame of Trail Creek, it has received the endorsement, hearty approbation and support of every mining man in the country.

It is content to take its stand with the liars and swindlers who are digging out gold while cranks in Vancouver and elsewhere are vaporizing because practical conditions have not accommodated themselves to their idea of the fitness of things.

The Monita Gold Mining Co. OF BRITISH COLUMBIA, LIMITED.

Incorporated under the "Companies Act, 1862," Imperial Act.

OFFICERS—President, J. B. MacArthur, Q.C., Rossland, B. C.; Vice-President, G. W. Richardson, of R. J. Bealey Co. Nelson; Treasurer and Managing Director, John K. Cook, of Cliff Mine, Rossland; Secretary, A. B. Irwin, of Trail Mining Co. Foreign, Rossland.

BROKERS—The R. J. Bealey Company (Ltd. ly.) Rossland.

BANKERS—Bank of B. N. A. SUP'T—John Moynahan

CAPITAL \$750,000, divided into 750,000 fully paid and non-assessable shares, par value \$1. TREASURY 172,000 Shares

THE MONITA MINE.

The property of the company consists of the Monita mineral claim, which adjoins the great War Eagle mine on Red Mountain in the Rossland camp, and is bounded on the east by the Red Mountain, Pilgrim and War Eagle mines; on the south by the No. 1; on the west by the You Know and Surprise; and on the north by the Lucky Queen Fraction. Its greatest length from east to west is about 600 feet and from north to south 1200 feet. In area it exceeds twelve acres. It has nearly 900 feet on the strike of the War Eagle vein, and about 300 feet on the Pilgrim ledge.

Title.—The company's title to the claim is clear and perfect. A certificate of improvements has been issued for the claim, and a crown grant to the company is now in course of preparation and will issue in its favor.

Accessibility.—The property is one-half mile from Columbia avenue, Rossland, and is adjacent to two wagon roads and the track of the Columbia & Western railway and of the Red Mountain railway now in course of construction, and which will be in operation by Nov. 1 next. The Columbia & Western railway runs to Trail, situate on the Columbia river seven miles distant where are located the British Columbia Smelting & Refining company's works, and where connection is made by the steamer with the Spokane Falls & Northern railroad, and with the Canadian Pacific railway, by which easy access is obtained to the Nelson and Pilot Bay smelters. When the Red Mountain railway is in operation all rail communication will then be made with the American smelters.

Present Development.—The No. 1 tunnel of the War Eagle is now within 100 feet of its west end line and shows a fine body of ore. The first shaft upon the Monita is within 40 feet of the west end line of the War Eagle, and this shaft is down 70 feet, showing a beautiful vein, the assays running from \$5 to \$15 in gold.

About 250 feet further west upon the strike of the vein another shaft has been sunk 70 feet showing ore all the way down, from which assays were taken that ran \$5 in gold. About 150 feet further west upon the same vein another shaft is sunk 45 feet deep, from which assays were taken that ran \$25 to \$30 in gold. This vein passing through the claim shows to be about seven feet wide.

In all these shafts, except the first one, some very good ore was found and at one time there were two feet of \$50 ore in the middle shaft. The No. 1 shaft as stated above, is only down 70 feet. As the west ore chute of the War Eagle is in shipping to the west and into the Monita ground the shaft will not have to be sunk much further to tap this ore body.

About 300 feet north of the War Eagle vein is another known as the Pilgrim vein on which a large amount of work has been done on both the Pilgrim and Surprise claims. On the former it is opened by two shafts each about 20 feet deep, from which assays up to \$25 in gold have been obtained. On the Surprise it is opened by a tunnel on the vein 200 feet long which shows a vein about five feet wide for most of the distance solid iron ore which assays fairly well in gold.

The most important event in the history of the Trail Creek district is a sale of the celebrated War Eagle mine to the Rossland War Eagle Mining company of London, England, the head of which is J. H. Rothschild.

Some of the terms and conditions of the agreement entered into between Mr. D. C. Corbin and the War Eagle company of Spokane, were, that the Rossland War Eagle Mining company of London, England, should set apart \$30,000 for the erection of a smelter, and \$20,000 in addition for working capital, besides paying \$1,000,000 in cash for the mine, and give to the shareholders of the original War Eagle Mining company 175,000 shares in the Rossland War Eagle Mining company of London, Eng.

This means development on a large scale on the War Eagle mine and every dollar spent in development upon the War Eagle mine enhances the value of the Monita mineral claim very largely and will materially increase the value of its shares.

The company intends to commence development work at once, and to purchase machinery, and for this purpose the directors of the company have placed 20,000 shares of the company's stock in the hands of its brokers for the purpose of sale.

Monita shares fully paid and non-assessable, par value \$1.00 each, are now offered at 25 cents per share, subject to advance or withdrawal without notice. Orders filled for 100 shares and upwards. Address orders and remittances to

THE R. J. BEALEY CO. (Limited Liability).

Box 508.

ROSSLAND, B. C.

# Delacola Gold Mining Co.

LIMITED LIABILITY.

Incorporated under the Laws of the Province of British Columbia, Companies Act 1890, and amending Acts.

CAPITAL STOCK, 1,000,000 Shares; TREASURY STOCK, 300,000 Shares  
PAR VALUE \$1.00 EACH.

HEAD OFFICE AND MINE, ROSSLAND, BRITISH COLUMBIA.

**OFFICERS**—President, E. W. Johnson, Rossland; Vice-President, Jno. Donahoe, Rossland; Treas., Ross Thompson, Rossland; Sec., Harold Kingsmill, Rossland  
**DIRECTORS**—E. W. Johnston, John Donahoe, Geo. Hering, Ross Thompson, Harold Kingsmill, G. W. Myers.

**Bankers**—Bank of British North America, Rossland, B. C.  
**Solicitor**—J. S. Clute, Jr., Rossland, B. C.

## THE DELACOLA.

The Delacola mineral claim is situated one and one-half miles due north of the town of Rossland, on the north slope of the famous Monte Cristo mountain, and adjoins the well-known Eric. It is a location 1,500 feet square and contains 37 acres. The company, which is composed entirely of Rossland men, has been incorporated under the laws of the Province of British Columbia. The claim has been surveyed and a crown grant applied for. There is no flaw in the title and the certificate of improvements will be issued in due course. The company has no indebtedness.

**Timber and Water Supply.** A luxuriant growth of timber, consisting of fir, pine, tamarack and cedar is standing on the claim and is sufficient to supply wood for fuel and timber for mining and building purposes for some time to come.

There is a never-failing supply of water in the shape of a creek at the bottom of the gulch.

**Transportation Facilities.** A first-class wagon road runs within a half a mile of the workings on the claim, while the preliminary survey lines of the north spur of the Red Mountain Railway, now in course of construction between Northport and Rossland, pass through one end of the claim.

**Vein and Ore.**—The Delacola has a well-defined east and west vein which passes through the center of the claim. This vein has been traced for a distance of 600 feet, and several open cuts have demonstrated beyond question the certainty and regularity of the ledge. The ledge has an average width of four feet. The ore streak is eighteen inches wide and is very well defined. The ore is a chalcoprite and pyrrhotite in a good quartz gangue. Assays as high as \$8.50 in gold have been obtained from this ore.

**Development Work.**—In addition to the numerous open cuts across the vein the company has started out and are now busily engaged in sinking a shaft on a very favorable outcrop. To continue this work and sink the shaft to a depth of hundred feet before cross-cutting and drifting are commenced, the directors have decided to place a block of 50,000 shares of the treasury stock on the market at the extremely low price of 4½ cents per share.

For further particulars or any other information address

HAROLD KINGSMILL, Sec'y Delacola Gold Mining Co., ROSSLAND, B.C.

# Orphan Boy Gold Mining Co.

Limited.

Incorporated under the Laws of the Province of British Columbia.

## OFFICERS.

E. H. WEDEKIND, Trail, B. C., President.

J. W. HASKINS, Revelstoke, Vice-Pres't and Manager.

F. C. WHITNEY, Revelstoke, Secretary-Treas.

H. C. BELLINGER, Trail, Director.

Capital Stock 700,000 Shares. Par Value \$1 Each  
FULLY PAID AND NON-ASSESSABLE.

Treasury Stock 200,000 Shares  
TO BE SOLD FOR DEVELOPMENT PURPOSES ONLY.

The Orphan Boy Mineral claim is situated about five miles from Gold Stream up McCulloch Creek on the West Fork, or commonly known as Barrett Creek, and about 65 miles north from Revelstoke, B.C., in the country known as the Big Bend of the Columbia River.

The company will push the development of the Orphan Boy with all possible dispatch. The Orphan Boy being a free milling and Cyanide property it does away with all expense of shipping ore to be treated or smelted outside. The surface showings being of such high grade, guarantee excellent results and steadily increasing stock values as development progresses.

Four assays from surface returns were respectively \$6.50, \$10.00, \$72.00 and \$140.00. A mill test recently made shows \$39.20.

A limited number of Treasury Shares will be disposed of at 10 cents per share for first cash requirements, subject to advance without notice.

For Prospectus and Engineer's Report apply to Secretary-Treasurer or Manager at Revelstoke, or

Barrett, Newell & McDonald, Rossland, B. C.

### WANTED A UNIFORM BASIS.

Toronto World, Oct. 12th:—"It is becoming more and more evident every day that something will have to be done to place mining stocks on a uniform basis. A great deal of Toronto capital will, in the next few months, go into mining shares, and, out of justice to the people, the market should be put in such a shape that they may know just exactly what they are doing.

At present some brokers, and especially some of those dubbed "curbstone" brokers, are making too great a margin on their sales. A legitimate rake-off on a sale is a cent a share, but some of these men are getting away with four or five cents on the deals they put through. The way they work it is this: They buy from the responsible brokers, who purchase in large blocks in the west, and resell to outsiders. Take Deer Park, for instance. Most of last week its shares could be bought from the bigger brokers for 17 cents, but the curbstone men, and others, succeeded in obtaining 19 and 19½ cents on a good many deals.

The fact of the matter is that the buyer should get as near as possible to the original seller, and thus escape paying middle-men's profits. The effect of the existing circumstances is that this market is being too strongly hulled, and unless it can be placed upon a steadier and more permanent basis it will not be able to stand under any reaction that may temporarily arise."

Things may be very much as The World says. Doubtless sales are made in Toronto, as in Rossland sometimes, where the same stock could have been bought a cent or two cheaper. The fact is a "curbstone" broker brings the stock to the small investor just as the small retailer brings sugar to the buyer of a few cents worth at a time. And the small retailer gets a bigger price than his purchasers need pay if they went to a large store. People, from members of Parliament down, seem to have an itch to regulate mining business on different principles from every other business. Sift this desire for the regulation of stock broking and it all concentrates down to a plan for securing the control of the business for a close corporation, such as all stock exchanges are, of which

the members can prey upon the gambling instincts of their neighbors without let or hindrance.

The World says the Toronto market is being hulled too strongly. It makes use of a sorry instance to prove it. Deer Park stock has already covered up the delinquencies of the "curbstone" broker on the local market here and any investor in Toronto who wants to sell Deer Park at 19 cents can do his business in four hours by wire through a Rossland broker.

But a broker's list taken at random from the same issue of the paper shows that Toronto prices are substantially the same as Rossland prices, and what is more every movement in those prices originates in Rossland. Is Rossland a holder at a certain figure, then the price goes up, a seller, then the price goes down.

Crown Point.....	.48	St. Elmo ..	.16
Josie ..	.60	Mayflower.....	.16
Monte Cristo.....	.20	Great Western.....	.23
Monita ..	.25	Silver Bell ..	.06
Evening Star.....	.28	Caledonia Con.....	.10
Deer Park ..	.22	Poorman ..	.12
Rossland Red Mountain ..	.20	Yale.....	.01

### A DISCREPANCY.

The following appears in a display advertisement in the Toronto World of October 12:

"Rossland, B. C., Oct. 10, 1896.

"Toronto Mining Agency.—Yale off market. Reddin & Jackson.

"On Saturday we received the above telegram from the Yale Gold Mining Company's agents. We have still at our office a small block of Yale which we will sell at 4c per share. This is the last chance the public will have to purchase Yale at this low figure, as when the stock is again offered it will be at an advanced price. As we told you last week Yale is a working mine, with a good location and is destined to be a money-maker. Do you want to share in the profits?—TORONTO MINING AGENCY, cor. Toronto and Adelaide streets. Tel. 2010. Open between 8 and 9 evenings."

The following is a part of a display advertisement which appears in the Rossland Miner of October 16th: "Yale Gold-Copper Mining Co., 50,000 shares of treasury stock now offered at 3 cents. REDDIN & JACKSON, Mining Brokers, Sole Agents, Rossland, B. C."

Comment would be superfluous.



G. A. POUNDER, Pres. M. O. TIBBITS, Sec.

...THE...

## Silver Bell Mining Company

Assays from surface ore: \$24.35-  
\$42.96, \$53.00, \$52.30, \$51.00, \$85.26.

Situated two miles from Rossland, B.C., has good shipping facilities and all other conditions favorable for a paying mine.

Price on first block of Treasury Stock now FIVE (5) cents per share, subject to raise without notice. Order from main office, Rossland, B.C.

(NOTE. Before purchasing, Rossland residents and visitors are invited to call at the company's office and a representative will gladly show them the property.)

The Silver Bell Mining Company,  
ROSSLAND, B. C.



# The Idler Mining Company

REGISTERED.

INCORPORATED UNDER THE LAWS OF THE STATE OF WASHINGTON

## CAPITAL STOCK:

1,000,000 Shares, - - - - Par Value \$1 Each

## TREASURY STOCK:

300,000 Shares, - - - - Par Value \$1 Each

ALL STOCK FULLY PAID AND NON-ASSESSABLE.

Head Office, Spokane, Wash. ————— Mine at Three Forks, B. C.

## OFFICERS.

PRESIDENT, -- - HON. GEORGE B. DENNIS. President of the Northwest Mining Association.  
 SECRETARY, - - GEN. A. P. CURRY, First Vice-President of the Northwest Mining Association.  
 TREASURER, - - J. C. MILLER.  
 SUPERINTENDENT, - - JOHN BOUGH, an old resident of Butte, and formerly a partner of the noted Con Sullivan, discoverer of the Bunker Hill and Sullivan mines.

The management of this company is a guarantee in itself of the stability of the enterprise:

## THE IDLER MINE.

**TITLE.**—The title to the Idler is perfect and is vested in the Idler Mining Company of British Columbia and Washington.

**LOCATION.**—The Idler is a full claim, 1,500 by 1,500, and contains something over 50 acres of land; is situated in the famous Slocan camp, about three-quarters of a mile from the railway running between Naskup and Sandon, and about one and one-half miles from the town of Three Forks; is right in the vicinity of the celebrated "Slocan Star," Alamo, Idaho, Wonderful and other dividend-paying mines.

**CHARACTER OF THE ORE.**—Is silver-lead and of exceptional richness. A fair average of nine samples assayed gives a general average of 97.4 ounces in silver and about 45 per cent. in lead; also from 5 to 8 per cent. of copper. Picked samples of this ore run as high as 2,000 ounces in silver. In each of the two tunnels driven the ledge runs from 20 to 24 inches in width; the galena ore in this body is from four to six inches wide and is very rich; the carbonates, of which there are between six and eight inches, run something over 200 ounces in silver.

**DEVELOPMENT.**—The deepest workings in this ground so far are about 12 feet; a tunnel is now being run to tap the ledge at about 100 feet in depth, and it is calculated that inside of 30 feet more the main ledge will be encountered, not only regular, but considerably wider. (All the mines in that district show a greater richness as depth is obtained.) They are now in over 100 feet on the tunnel. The property is very easily worked, and with transportation so near at hand the ore should average from \$800 to \$1,000 per ton.

A night and day shift are now working in the mine, and it is expected that the vein will be reached in the very near future, when, if the ore still retains its present richness, there will be sufficient value in sight to warrant the stock selling for \$1.00 per share, as was witnessed by several of the mines under circumstances almost identical. (It would be altogether unprecedented if the ore did not show up a greater richness when the vein is reached.)

Mr. Bough, superintendent of mine, who is known as a thoroughly practical miner, pronounces the "Idler" as one of the very best prospects in the famous Slocan mining district.

**TREASURY SHARES.**—Three hundred thousand shares of this stock are set aside for the purpose of buying machinery and other development work; the other 700,000 shares are pooled, and cannot be sold at any figure, hence it will be impossible for the stock to be cheaper than now.

We advise our clients to invest, if only a small sum this time, in the "Idler," before the limited amount of treasury stock offered at 7½ cents per share is exhausted.

C. W. RICHIE & Co., SPOKANE, WASH.

Agents for the sale of Treasury Shares.

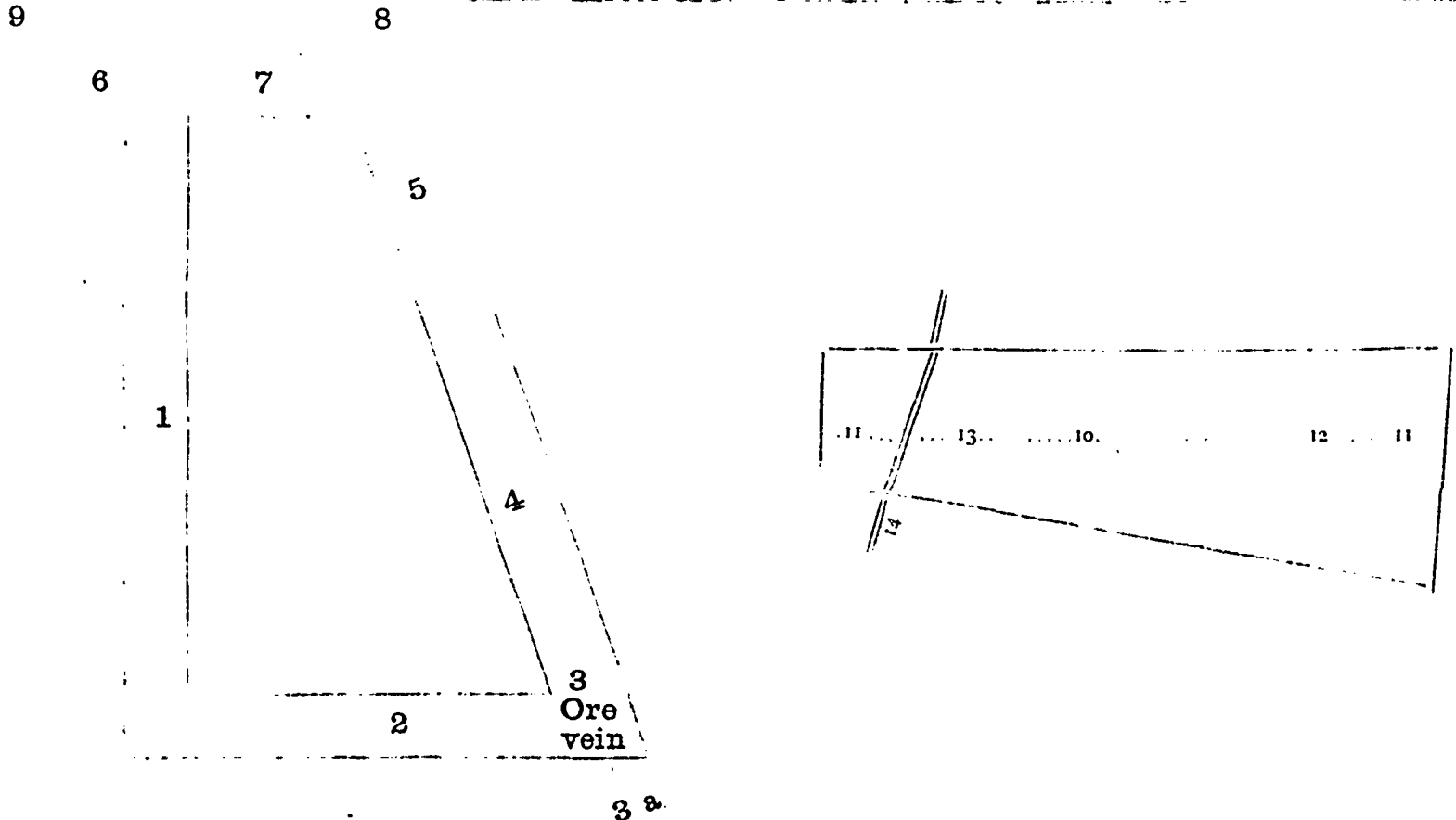


# "The Horse Laugh,"

inelegantly, perhaps, but forcibly expresses the manner in which a non-resident Mining Broker is said to have alluded to the

## ... "MUGWUMP" ...

recently. We therefore present to the investing public an outline of the present workings of the Mugwump.



- No. 1. Mugwump prospect shaft sunk 45 feet in gravel and country rock, missing the ore vein.  
 No. 2.—Cross-cut drift to north 26 feet from bottom of No. 1, intersecting vein with two feet of solid ore.  
 No. 3.—Ore vein running east and west.  
 No. 4. Up-raise on dip of vein now up 30 ft. all the way between well defined walls with 2 to 3 ft. of solid ore.  
 No. 5.—20 feet more or less of ground yet to be broken before surface is reached, when sinking of working shaft following the vein will be commenced at No. 3, as per No. 3 a.  
 No. 6.—Temporary position of Mugwump steam hoist lifting material broken in No.'s 4 and 5 through No.'s 2 and 1 to surface.  
 No. 7. Site on which steam hoist will be permanently placed when sinking of working shaft is begun through the present up-raise.  
 No. 8.—Buildings at mouth War Eagle tunnel.  
 No. 9.—Buildings at Iron Mask shaft No. 1.  
 No. 10.—Flat view Mugwump claim.  
 No. 11.—Course of ore vein throughout 1500 feet of Mugwump claim.  
 No. 12.—Mugwump steam hoist now at work.  
 No. 13.—Mugwump tunnel No. 1, on line Columbia & Western, to be driven on ore vein to intersection with working shaft at depth of 250 feet, more or less.  
 No. 14.—Columbia & Western railway crossing Mugwump claim just under tunnel No. 1.

Having submitted the above, we beg to say that the best assay results obtained from present workings are. Gold, \$13.50; Silver, \$2.40; Copper, \$8.40; Total, \$24.30 per ton, of 2000 pounds, and there is plenty of ore on the dump as good or better.

Also before 50 feet more of depth is gained we confidently believe the values in Mugwump ore and the price of Mugwump fully paid non-assessable shares, par value; one dollar each, in blocks of one hundred shares and upward, will be doubled. The present price is 20 cents per share. We invite the public and their experts to examine the Mugwump showing, and it is our opinion that it is second to none in the camp at the same depth.

Lemon Blk.

**THE WALTERS CO.** Rossland, B. C.  
 H. O'HARA & CO., TORONTO; M. P. HATCH & CO., BUFFALO, N. Y.