

### NOBLE FIVE A DAISY

Interesting Description of the Mine and Its Machinery Equipment.

### THE FINLAYSON TRAMWAY

First of the Kind Ever Built—It Has Proved a Great Success—Mill Is a Model Plant, Too—Condition of the Mine.

SANDON, Jan. 28.—[Special.]—The Noble Five company, incorporated with a capital of \$1,200,000, owns eight claims, the Noble Five, Bonanza King, Knoxville, World's Fair, Maud E., Deadman, Wild Goose and Lucetta. Before incorporation ore to the amount of \$150,000 had been shipped from three of these properties. In taking out this ore for shipment, the concentrating ore was left on the dump. Of this ore there are 10,000 or 12,000 tons.

Most of the development work has been done on the Bonanza King. The No. 8 tunnel is only 100 feet, but when it is in about 500 feet a connection will be made with No. 7 level, and all the ore will be brought to the surface through this tunnel. At present the ore taken out of the slopes in the upper tunnel is carried to the tram by a surface chute.

In the slopes between Nos. 3 and 4 the ore is 12 to 15 feet wide. In No. 7 tunnel it is 10 to 12 feet wide and mostly clean ore. The concentrating ore is carried to the concentrator as it costs less to treat it thus, than it would to pick it over by hand. Assays from No. 7 level give 136 ounces silver and 70 per cent lead.

The Finlayson Tramway. Although this is the only tramway of this design ever constructed, it started on its initial trip without a jar, and like a well broken horse has continued to work in the same smooth and satisfactory manner. So anxious were the owners of the patent to have an opportunity to test their invention to the test, that they paid all freight and duty bills and put the tramway in operation, and guaranteed it to work as satisfactorily as any tramway in existence, they taking full charge of it for a period of 30 days, before asking one dollar on the contract. In case the tramway is not satisfactory they agree to take it down and all their trouble and expenses will be a dead loss.

The tram is nearly 6,200 feet long, and the upper terminal is about 2,100 feet higher than the lower. There is a trestle 200 feet long leading from the upper terminal, then the ropes are carried on towers, 20 in number, varying in height from 25 feet to 110 feet, with spans from 100 feet to one almost 1,900 feet long, where it crosses the famous Noble Five slide.

At this point the rope is 400 feet from the ground, and it is here that Billy McClurg, manager of Green Bros. store at Cody, the first man to ride to the mine in one of the buckets, was stopped and permitted to take two views of the works.

The standing rope which carries the load is 1 1/2 inches in diameter, and is kept taut by heavy weights at the tension stations, of which there are two, one near the middle of the tram, the other at the lower end. The traction rope which moves the buckets along is 3/4 inch, and being continuous is a loop of rope over 12,000 feet long. It is sustained at the towers on sheaves. At points 244 feet apart on the rope are fastened "clips," to which the buckets are attached by means of a grip. Each bucket holds from 300 to 800 pounds of ore.

The terminals are the particular parts that show the excellence and ingenuity of the invention. At the upper terminal the ascending bucket is stopped before the ore chute and the power in the moving rope. By means of the "accelerator" the bucket is caused to move at the same speed as the rope before being attached to it, thus avoiding all jarring and materially diminishing the wear and tear.

At the lower terminal the bucket is detached automatically, stopped over the bins and dumped, all by the power in the traction rope. An "accelerator" is employed here to give the bucket the required speed before being attached to the rope. After the ore is dropped into the buckets at the upper end the tram does the rest, starts the loaded bucket, stops it at the lower ore bin, dumps it, attaches it to the rope again, returns it to the upper terminal and repeats it before the chute ready for reloading.

The capacity is 20 tons an hour and the speed is controlled by means of two powerful brakes at each end. The entire tram is operated by two men, with an additional man to handle the ore chute at the upper terminal.

Although a new tram sweeps clean, it is seldom a new piece of machinery works smoothly, and the Noble Five officials having been venturesome enough to adopt an entirely new invention, looked forward to the trial run with some degree of anxiety. Although the experiment in case of its failure to do the work they would lose much time and experience great annoyance in the event of its failure to do as represented. All their fears and doubts were set at rest when the tram was started a week ago.

compartment hydraulic classifiers. On the second floor are four 15x26 Reliance crusher rolls, two double-decked Mitchell round tables, two elevators and Mitchell settling tank. The capacity of the settling tank is 900 tons and of the concentrator floor 4,500 tons. There are three concentrate bins on the lower floor. Here the concentrates are sacked and loaded on the Kaslo & Slocan railway cars which run right to the door.

In the mill there is a Gibbs dynamo capable of running 130 16-candle-power lights.

The flume taps Cody creek about a mile from the mill. There is a 564-foot head of water, capable of operating 285-horse power when the flume is full. At present they are using only 65-horse power. It requires more water for washing than for power.

Half an hour after the belts were on the machinery was set in motion January 20, and it has not been stopped since. They are running 120 tons of ore through daily.

### IN THE SILVERY SLOCAN

Cordelia's Showing Now Consists of 18 Inches of Clean Ore.

Silverton Expects to Have a Boom—New Town Started Near the Enterprise—Doing Around Sandon.

SANDON, Jan. 27.—[Special.]—The dance given for the benefit of the fire department, last Monday night, was the greatest social success of the season. Sixty couples congregated in Spence's hall and tripped the light fantastic for four merry hours. It netted the fire department over 100.

The Cordelia is improving every day. There is at present writing 18 inches of high grade ore in the tunnel. Dr. Bruner is in Toronto disposing of the treasury stock and has sold 130,000 shares to one man. The rest of the stock is contracted for. A month ago this stock was bought at five cents a share, now it can not be had for less than 15 cents a share.

J. K. Clark, A. W. Wright and W. E. Harris, all of Rossland, are here, also Sid Norman of Spokane. Mr. Norman is looking over the St. Kevorine group and is apparently satisfied at the amount of ore in sight. He will let a contract drive a 100-foot tunnel on the property.

E. Parris & Co. of Slocan City, who is building a general store at Aylwin. This is the new townsite on Ten Mile, just below the Enterprise and Neepawa mines. At present it consists of one hotel, built by the Aylwin's of New Denver.

The Howard Fraction is reported under option for about \$50,000. There is considerable talk of Silverton coming to the front this summer. Hunt, McKinnon and Co. having sold their business in Sandon, are now giving their attention to the store at Silverton. They also own the townsite.

If the Galena Farm is worked to its full extent it will create considerable business at this point, and encourage people to develop other good prospects in the neighborhood of the town, and it will not surprise those who know the town to find a population of 1,000 people before this year passes by.

### WELCOME NEWS.

The Columbia & Western Will Run on the Old Schedule.

Trail Creek News: In a few days the old schedule on the Columbia & Western, from Trail to Rossland, will be resumed so as to give a round trip morning and evening.

Trains will leave Trail at 8:45 a. m. and 5:45 p. m., and returning, will leave Rossland at 7 a. m. and 4 p. m. This enables passengers to go and come from Spokane by way of Rossland over the Red Mountain road. While the new schedule is in force, the new passenger coach will be constantly in use, and the trains will get through promptly.

### UNCLE SAM'S ALIEN LABOR LAW.

Canada Urged to Retaliate by Running Out Americans.

Toronto World: When the Dominion government comes to consider the enactment of an alien labor law to meet the one that is now in operation against this country it will be necessary to apply a remedy that will meet the case from every point of view. The object the Americans had in passing their law was to prevent Canadian workmen from obtaining employment within the United States. The law forbids a Canadian entering the United States under contract to perform any work in that country. If it is known that a Canadian goes into the United States for the purpose of accepting a situation he is "deported," or sent back. The United States authorities will not allow him to enter the country. When the Dominion government comes to enact reciprocal legislation care should be taken to make this legislation as comprehensive as possible. The necessity for legislation of this kind is much more marked in Canada than it was in the United States. American workmen have invaded our territory much more extensively than Canadians have done in regard to the United States. British Columbia is full of miners who have come into Canada from Montana, Colorado and other mining states, most of them under engagement before reaching the country. Under the Canadian law, which we hope soon to see enacted, all such should be deported, and Canadian De Barry should be stationed at all the frontier towns to prevent others from getting into the country in the future. If Canada has not miners enough of her own she can obtain them in any quantity from Great Britain. Further, if it is bad policy to allow American workmen to come into this country to get employment, it is equally bad policy to allow Americans to have the same privileges as Canadians in the preemption of mining locations. If the Americans will not allow a foreigner to own property in their country, why should we allow them to own property in Canada? Why should we go further than this and give them valuable privileges for nothing? Any American citizen can come into British Columbia and claim hundreds of thousands of acres by merely taking out a \$5 license, the same as any Canadian can do. The mineral wealth of British Columbia appears to belong to the Americans just as much as it does to us. It is time our government devised some legislation to discriminate

against foreigners in regard to our natural resources as well as in regard to the labor that rightly belongs to our own people.

What we have said about the invasion of Americans into our mining camps applies equally to our fisheries. The case against them in regard to the latter is even stronger.

### ANNUAL STATEMENTS OF LIFE COMPANIES.

The policies issued by the Equitable Society.—It is a significant fact that, notwithstanding the hard times, the financial statements of the life assurance companies show that, wherever the management has been judicious, there is evidence of growth, improvement and increasing strength.

This is instructive. It means for one thing that men recognize the importance of the protection furnished by assurance in times of financial depression, and that consequently the consciousness of a greater need almost counterbalances the advantage resulting to this branch of business in prosperous times, when men of means invest in life assurance voluntarily and freely.

Again, the peculiar value of life assurance is clearly demonstrated in times when the values of other investments are melting away. Many successful men have been forced to the wall during the last year or two, and many estates have shrunk away in consequence of depreciated values; but every policy of life assurance paid during that period by the responsible companies has been for one hundred cents on the dollar, and usually with a substantial dividend in addition.

Another recommendation, the value of which is emphasized at such a time as this, is that when the investor dies the life assurance policy is usually the only asset which is instantly worth its face value in cash; for other investments at such a time can seldom be sold for their full value, nor can they always be converted into cash on any terms. These and other equally important considerations explain the prosperity of the great life assurance companies, even during periods of financial trial and disaster. The Equitable Company reports an outstanding business of nine hundred and fifteen million dollars; new business for the year of over one hundred and twenty-seven million dollars, and, more important than all, a surplus over all liabilities of over forty-three million dollars. 2-4-11

### The National Iron Works

J. H. BOYD, PRES. AND MGR. Manufacturers of Engines, Boilers, Elevators, Architectural Iron Work, Railway, Mill and Mining Machinery, Foundry, Brass Castings, Foundry, Pattern, Machine and Blacksmith Shops. Repairs a specialty. Quarters at two stamps up. Spokane, Wash.

### Wilson-Drumheller Packing Co.

Spokane, Wash. PACKERS OF THE "CHINOOK" BRAND OF Hams, Bacon, Pure Leaf Lard, Etc. Mail orders here our prompt attention

### BELMONT HOTEL

McDONALD & MURCHISON, Props. RESERVE ST., ROSSLAND. LODGE MEETINGS.

### CORINTHIAN LODGE No. 27 A. F. & M. M.

Meets in Rossland Masonic Hall on the first Thursday of each month. Visiting brethren invited. N. A. McKENZIE, Secretary.

### The R. J. Bealey Company

(Limited Liability) Mines, Stocks, Real Estate And Insurance. CONVEYANCING NOTARY PUBLIC AND GENERAL AGENTS.

### Offices at Rossland, Trail and Nelson.

### LENZ & LEISER, GOLD AND SILVER

Importers of Foreign and Domestic DRY GOODS. Gents' Furnishing Goods, etc. No. 9 and 11 Yates Street Victoria, B.C.

# Red Eagle Gold Mining Co.,

Limited Liability.

Capitalization 1,200,000 Shares. Treasury 500,000 Shares. Par Value \$1.00. Fully Paid and Non-Assessable.

OFFICERS: W. H. Fife, President; Wm. Bennison, Vice President; Jno. W. Cover, Manager; T. G. Elgie, Secretary-Treasurer.

## The Red Eagle Gold Mining Co.'s Properties

CONSIST OF THE

Red Eagle and Red Pole Mineral Claims,

Composed of about 75 acres.

### The Red Eagle.

The Red Eagle mineral claim is situated on the east slope of Deer Park mountain, between the Mayflower and Curlew claims. There are three known ledges crossing this property. These veins are known as the South vein, the Curlew vein and the Mayflower vein. The South vein, which has produced some of the richest surface ore ever discovered in the district, is six to eight feet wide with a 24 inch pay streak, assays from which gave returns of \$18 to \$285. This vein was but recently discovered by workmen grading for a tramway across the claim for the sawmill company, and is generally regarded as the most important of recent discoveries in the south belt. This vein is traceable across the entire width of the claim a distance of over 1400 feet. On the Curlew ledge an open cut has been made exposing a vein of ore four feet wide, from which assays of from \$14 to \$191 per ton have been secured. This vein has been exposed by a number of shallow pits and crosscuts for several hundred feet. The Mayflower ledge, from which this well known mine is now shipping such high grade ore, crosses the Red Eagle claim for a distance of 300 feet.

### The Red Pole.

The Red Pole is situated one-half mile south of the Red Eagle and east of the Silver Bell mine. The Silver Bell ledge crosses the Red Pole mineral claim. Assays from this vein have shown over \$100 per ton of gold and silver.

### Treasury Shares.

The company have secured the survey and are applying for the Crown grant, and will continue developing the property all winter, and fully expect to be able to find pay ore to cover the development almost from the surface. But to prepare for all mining emergencies and to fully equip the property with machinery we have placed 500,000 shares in the treasury, a limited amount of which we offer to the public at the rate of 10 cents, and when the p-d limit is reached the company will close their books and reopen in the course of ten days at an advanced rate for further stock.

### ADDRESS

## Red Eagle Gold Mining Co., Ltd.

Or, Wm. Bennison & Co.,

ROSSLAND.

B. C.

## THE WM. HAMILTON MFG. CO., LTD.

Manufacturers of

Stamp Mills, Concentrators, Smelters, GENERAL MINING AND SAWMILL MACHINERY.

Resident Agent: CON. HANSON. Temporary Address: "Miner Office." HEAD OFFICE AND WORKS: VANCOUVER AND ROSSLAND, B. C. BRANCH OFFICES: PETERBOROUGH, ONTARIO.

## WEILER & BROS.

Established 1862. Furniture Manufacturers and Importers. Carpets, Curtains, Linoleums, Wall Paper, Crockery, Glassware, Cutlery, Lamps, Bar Goods. Complete House Furnishings.

Victoria, B. C.

Largest stock west of Toronto. Hotels furnished complete at short notice. Counters, mirrors and complete bar outfit made to order. Bank and office fixtures, desks, etc.

Write to us for prices and samples or call on W. J. TWISS, Kaslo. Our Kootenay Agent.

G. A. Pounder, Pres. M. O. Tibbits, Sec'y.

## The Silver Bell Mining Company.

Assays from surface ore: \$24.35, \$42.96, \$42.29, \$53.90, \$52.30, \$51.90, \$85.26. On October 26 average sample assay \$103.14.

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

The price of Treasury stock now fifteen (15) cents. Developments on property warrants even a higher price. 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.

### JOHN A. MOODY,

LONDON, ONT.

### Mining Stocks

AND MINING BROKER. Prospectus and Quotations Requested Weekly from all Brokers or Issuers of Treasury Stocks.

### SPOKANE DRUG CO.,

SPOKANE WASH.

Imported and domestic perfumes, rubber goods and druggists sundries. Agents for Riggs' Rheumatic Remedy, the sure cure for rheumatism. Guaranteed. Largest stock of goods in the Northwest. Mail orders solicited. Wholesale Dealers in Assayers' Supplies.

Two Do  
ITS FIR  
Rambler Con  
of Tw  
ANOTHER  
The Directors  
of Paying  
Month For  
Carlyle's I  
SPOKANE, W  
The directors  
two Consolida  
ing company,  
declared a div  
March 15. The  
cheerful state  
of ore now in  
fidest of being  
of \$20,000 mo  
months.  
The Ramble  
detaches busin  
the Rambler,  
and best Fra  
\$1,000,000, an  
pany are: P  
Rossland; se  
Kaslo; super  
Deser  
The followi  
principal feat  
braced in this  
report of Wil  
mineralogist  
"Although in  
yet begun to  
ent series of  
and are being  
found were  
grants as the  
acter of ore,  
narrow stre  
brown iron  
ence of a typ  
ing through  
and porphy  
the granitic  
this streak t  
have been f  
Galena ore  
found in oth  
work has jus  
dication, pat  
the property  
"About ha  
ridge of the  
veins 200 fe  
summit, 400  
entered by  
of each was  
by south 20  
angles to the  
away. In a  
vein, dippi  
sistal of a v  
with prisms  
with parts  
nated with  
and in the  
vein, dippi  
was contain  
20 inches o  
drite or gre  
slope in wh  
shipped to  
sized 499 o  
in gold and  
work was b  
the time of  
dious cabins  
erected, the  
large timber  
"Mining  
silver lead  
mentioned  
surface for  
tunnel No.  
cut for 78  
slate, had  
teniler 6  
ore, in pla  
others 12 to  
in the dri  
galena along  
drite, with  
tween.  
"Along  
fracture in  
pyrites and  
was impreg  
nel No. 2, 1  
and 115 fe  
drite, the v  
to 2 and 3 f  
the ore v  
country ro  
nel expos  
15 tons hav  
very flat,  
and in one  
ore, and d  
vein will b  
in shape f  
"The ge  
ter retur  
273.3 ounce  
64 per cen  
ting \$182.  
ores, run  
166 to 178  
shipments  
proposed  
wagon ros  
to greatly  
output, as  
has been  
\$19,00  
SPOKAN  
At a regu  
ing com