

## MINES AND MINING

### The Dundee Is Coming to the Front as a Producer of Ore.

### IT NEEDS A COMPRESSOR

One Will Soon Be Installed—News From Sheridan Camp—Zala M. the Banner Mine, So Far as High Values Are Concerned, on the Reservation.

The latest reports received here from the Dundee mine, near Ymir, are of a satisfactory nature. Since Frank Robbins, the confidential engineer for Mann & Mackenzie, made his elaborate report on the mine several months ago, the development has been proceeding steadily and on an extensive scale. When Mr. Robbins made his report he stated that there were 24,000 tons of ore in sight in the property. At that time the Dundee was not provided with a concentrator and no effort was being made to mine the large bodies of clean shipping ore. The concentrator, which has a daily capacity of 50 tons, has been running steadily for the last 30 days, and the product of the mill is being sacked and hauled to the railway with the least possible delay. The ore thus treated is of the second and third grades and yields in concentrated form \$40 per ton. The first-class ore, of which there are extensive showings, has been left untouched, while the development of the mine is being prosecuted. Now, however, that the management is in a position to ship it advantageously with the concentrates from the mill it will be stopped in large quantities. From now on the ore of the Dundee will be mined on an extensive scale, and a full force of men will be put to work with this object in view. The company has arrived at the conclusion that it would be injudicious to continue the development of this property without a compressor plant and has decided to acquire the machinery sufficient to operate at least ten drills.

### NEWS FROM SHERIDAN.

### The Zala M. Continues to Yield High Grade Ore.

W. H. Giles, who has mining interests in Sheridan camp on the Colville reservation, is in the city on a visit connected with a sale he is negotiating. He reports that the Zala M., which is the banner property of that section, is looking well. At present drifting is in progress both ways on the 100-foot level. The ledge is three feet wide and will average between \$300 and \$400 to the ton. It is, perhaps, the richest ore yet found on the reservation. The Zala M. has other properties. On these properties is found the same lead that runs through the Zala M. They have had assays that run as high as \$150. The Clara Belle fraction, which is owned by C. E. Clarke of this city and A. L. Thayer, is looking well. It has a good, strong lead, and with development will make a valuable property. There are a number of other claims of promise in Sheridan camp, and this section will be heard from as a producer of high grade ores before long.

### THE SISTERS' HOSPITAL.

### It is Placed on the Same Footing as the Other Cities.

The Sisters of St. Joseph, in charge of the Mater Misericordia hospital in this city, are very thankful for the active interest that has been taken by the Provincial government and the city authorities in their behalf. The result of the efforts was the placing of the sum of \$3,000 in the supplementary estimates, which covers the \$1,500 already received, and \$1,500 which will be available in two quarterly instalments, one payable on March 31 and the last on June 30. After that date the new regulations will be in force and the Sisters' hospital will receive an annual grant of \$500 a year towards its maintenance and 50 cents per day for each patient treated in the institution, whether they are pay patients or free. These new regulations place the hospital on the same footing as those in Victoria, Vancouver and other cities in the province.

### MINING NOTES.

J. L. Parker returned yesterday from a visit to Ymir. While he was en route he examined the Dundee mine and the properties of the Fairmont company. He says the Dundee concentrator is working well and the Fairmont is in good condition.

### W. A. CARLYLE HURT.

He Fractured His Knee Cap at the Entrance to the Bank. About 6 o'clock last night, W. A. Carlyle was leaving the skating rink and had just got out of the door, he slipped and fell on his back, fracturing his left knee cap. He had just been talking with some members of the curling club, of which he is the president, and started out of the door, followed by a Mines reporter, who, in going in, had found himself sprawling on the ground through the dangerous nature of the entrance where the use of skates has been daily and hourly permitted, no attempt having been made to render the slope safe. Willing friends who were summoned and their friend into the office, and T. M. Beamish and others made a good temporary bandage, and Dr. J. T. McKee was quickly on the spot and superintended the removal of Mr. Carlyle to his residence on Nickel Plate flat. Dr. McKee made an examination of the injury and rebanded it for the night, and will carry this morning, assisted by another surgeon, attempt to reduce the fracture. He expects that his patient will be as sound as ever in a few weeks.

### Mr. Harkin in Town.

W. A. Harkin, who is about to assume the editorial management of the Grand Forks Miner, arrived in the city last evening from Montreal. Mr. Harkin is a newspaper man of high standing. For years he was a member of the parliamentary press gallery, Ottawa, and was recognized as among the brightest newspaper men in Eastern Canada. The Grand Forks Miner is to be congratulated in having secured his services, as with him at its head it is bound to be a success.

## PAYNE PAID A MILLION IN OUTSIDE CAMPS

### The Big Slocan Property Has Been Very Profitable.

### A Full Report of the Receipts, Expenditures and Dividends of the Company.

The Payne Mining company of British Columbia, limited, capital stock 1,000,000 shares of \$2.50, has been listed on the Toronto stock exchange. The price quoted per share is \$3.30. Until very recently the Payne has been a close corporation, and its operations and earnings have been variously estimated. We know all about it now, as the directors report, made public, covers the entire output of the property from the commencement to the 30th of April, 1898, and the dividends are brought down to February, 1899. The mineral claims, located in 1893, are four in number, situated on Payne mountain, two miles in a straight line from Sandon. From October, 1895, to April, 1897, the mine was operated by its owners, A. W. McCune, Scott McDonald and W. L. Hoge. In April, 1897, the present company took possession of the property, receiving from the owners \$85,000 profits, realized to date, after deducting the cost of operating and the amount paid for the property. To the 30th of April, 1898, the mine shipped 17,468 tons of ore, which yielded 1,831,600 ounces of silver and 17,786 pounds of lead realizing \$973,932.45. The balance sheet shows the assets and liabilities as follows:

ASSETS.	
Mineral claims	\$2,499,982.52
Subscriptions	157.50
Cash and bank accounts	77,089.42
Capital stock, 1,000,000 shares at \$2.50	\$2,500,000.00
Profit and loss account	\$207,886.42
Less dividends paid	530,000.00
Less dividends payable	77,089.42
Total	\$2,600,869.44

### The Profit and Loss Account referred to shows.

Dr.	
Investments	73,321.49
Improvements	36,743.28
Labor	59,073.43
Ore sacking	15,793.33
Ore hauling	20,438.01
Mine supply	29,000.00
General expenses	28,616.49
Salaries	5,084.00
Total	\$266,070.03

### Total dividends covered by the statement for the period covered by the statement amounted to \$550,000. Since that date the payments have been as follows:

Date	Amount
Apr. 11, 1898	\$50,000
May, 1898	25,000
June, 1898	25,000
July, 1898	25,000
August, 1898	25,000
September, 1898	25,000
October, 1898	25,000
Nov. 1898	25,000
Dec. 1898	25,000
Jan. 1899	25,000
Feb. 1899	25,000
Total	\$450,000.00

### For the period covered by the statement the company paid \$230,886.25 on lead contents of ore, all of which was shipped to smelters in the United States.

The freight and smelter charges amounted to \$362,986. These two items furnish an object lesson to every one interested in retaining in this country the full profit of working mines. The present earnings of the Payne are estimated at about \$70,000 net per month. The stock as listed now stands at \$3.30. Upon the basis of the dividends paid for the eight months ending December 31, 1898, the stock is paying about 18 per cent on the present price.

### The whole report makes a remarkable showing and speaks well for the future of this great mining concern.

The last shipment of ore from the Black Cock mine near Ymir to the Northport smelter was entered at the outport of Waneta as being valued at \$1,118. There were 25 tons in the shipment, which fixes the value of Black Cock ore at over \$44 per ton.

### When at the Victory-Triumph last week D. B. Bogle obtained three samples of ore taken from the present workings. These have been assayed and run as follows:

No.	From	Value
No. 1	From dump	\$17.15
No. 2	Ledge matter	26.76
No. 3	Picked	53.32

### As was stated in Sunday's paper the average yield of the last strike runs about \$25.

The Canadian Mining Institute has completed arrangements for the important inter-provincial meeting of Canadian mine managers, mining engineers and metallurgists, which is being held this week in Montreal. The opening session will be held in the Windsor hotel this evening. On Friday evening the association will have its annual dinner at the Windsor. A large attendance of prominent mining men is promised.

### The Board of Trade.

The annual general meeting of the board of trade should have been held last night, but as it was understood that a great many of the members would be unable to attend, when the meeting opened, with Vice-President J. Ferguson McCrae in the chair, a motion was put and carried to adjourn till 8 o'clock sharp tomorrow evening. The officers desire that as many members as possible will attend, as the mayor will make a full report of his trip to Victoria and the annual election of officers will take place.

J. D. Gillis, representing the Colostist, Victoria, is in the city on business connected with his paper.

## PLANT FOR THE SKYLARK

### The Granby Consolidated Mining and Smelting Company Is to Build a Smelter in the Boundary Country. Plenty of Plants in the Boundary.

The news from the different mining divisions this week is of the usual encouraging nature. Ore shipments from the mines of the Slocan continue to be large. The Boundary country is the theater of a great deal of activity. This is a result of the fact that the Canadian Pacific railway will some time this year be finished into that section, giving the miners the long waited for transportation. As a result of this there is a vast amount of development work. Many properties have reached the producing stage, and when the railway is completed there will be many thousand tons of ore ready for the smelter. Appended is the weekly review.

### SLOCAN DIVISION.

The Sovereign tunnel is now in 560 feet.

The Conestock will ship two cars a week of concentrates.

The Emily Edith, on Slocan lake, is to erect a 200-ton concentrator.

The Silverton wagon road is to be extended to the Fisher Maiden.

F. J. Donaldson has sold part of his interest in the Carbonates property for \$400, so it is reported.

R. J. McPhee is making an examination of the Galena mines for a new company, who are likely to purchase them and erect a concentrator.

The Wakefield is to construct an aerial tram to connect with the wagon road, and the company is talking of a concentrator at that junction.

The Recco people encountered a large seam of very rich grade galena the other day in a winze between No. 6 and No. 8 tunnels, and four inches of clean, solid ore in one of the raises.

The Get-There-Eli claim on Twelve-mile is turning out to be a big thing and will, from present indications, be on the shipping list of the lake mines. The whole face of the drift at the present is ore that averages 496 in silver and 415 in gold per ton.—Sandon Review.

A letter received at this office from Sandon, dated the 23d inst., says: "From 4 to 20 inches of ore has been struck in the lower tunnel of the Adams claim, one of the Canadian group. This taps the ore chute at a depth of 700 feet, and the tunnel has been driven into the ore chute for 20 feet." This information comes from reliable sources, and this strike means much for the Canadian group. This property is controlled by Ontario people and lies above the Ruth mine. No doubt a large force will be put to work to develop this new strike.—Silvertonian.

The annual meeting of the Ruth No. 2 Mining company was recently held. The old officers were re-elected, viz.: E. W. Taylor, president, and P. A. Daggett, secretary-treasurer. The members of the new board of directors are: H. Louis Schermerhorn, W. C. Stone, J. L. Dunn, D. C. Clark and Charles H. Prescott. The secretary reported that the new capital stock had been subscribed and sufficient funds were now available to warrant the work to begin. The secretary was authorized to arrange for extending the 295-foot tunnel 75 feet. This is supposed to be of sufficient length to tap the ledge at a depth of 200 feet, which, it is thought, will give them shipping ore.—Sandon Paystreak.

### Slocan Ore Shipments.

The following is the amount of ore from the different mines that has been carried over the K. & S. railway from February 17 to 23:

Mine	Destination	Pounds
Recco	Aurora	80,000
Last Chance	Aurora	160,000
Lumber	Aurora	60,000
Whitewater	Kaslo	224,000
Last Chance	Sau Francisco	120,000
Jackson	Kaslo	60,000
Payne	Omaha	316,000
Great Western	Kaslo	20,000
Total		1,050,000

The shipments of ore from Slocan lake points from January 1, 1899, up to February 18 were:

Mines	Tons
From Beacon Landing	140
From New Denver	30
Marion	40
From Silverton	40
Emily Edith	40
Recco	20
Wakefield	200
Total	590

The ore shipments from Three Forks for the week ending February 21 were:

Mine	Tons
Quercy Bass	75
Total	75

The following is a statement of ore shipped from Whitewater for the week ending February 23:

Mine	Tons
Whitewater	128
Jackman	42
Total	170

### BOUNDARY COUNTRY.

W. S. Keith has obtained an option on the Mountain View claim, adjoining the Crescent in Skylark camp.

The Mother Lode company have obtained possession of the Sunrise and Sunflower claims near the Mother Lode claim.

H. H. Shallenberger, who stocked the Crescent claim in Skylark camp a few weeks ago, has bought the Moreen claim in Deadwood camp.

W. B. Porter & Co. of Greenwood has bonded the Anarchist group at Camp McKinney from R. G. Sidley of Anarchist mountain for a good figure.

Otto Dillier has given a bond on the Johannesburg Skylark camp. Johannesburg adjoins Lead King, the third location ever made on Boundary creek.

The Jencks Machine company has sold a complete plant, consisting of a 50-horse power boiler, hoist, pumps and steam drill, to the Boundary Creek Mining & Milling company, for use on the Last Chance in Skylark camp.

News comes from Rock Cut camp that the Lucky Charley claim has recently encountered a full width of high grade ore in the shaft. The 30-foot shaft in the Helen E. has been completed by the contractor.

W. F. Smith and W. S. Keith of Greenwood have bought an interest in a group of nine claims in Dufour's camp, near Camp McKinney. The claims lie near the Deer Bell group, a very promising property belonging to Thomas McDonnell and Dufour Bros.

The Greenwood gentlemen who recently bought a half interest in the Admiral Dewey claim in the Younk-Hamilton camp, near Camp McKinney, are congratulating themselves these days. Their working force is now down 30 feet on the ledge, which is giving most satisfactory values in both gold and silver. Being near the Big and Fort Earle, both large properties, they feel sure they have a companion property. The property was placed by W. G. Ganuce.

Word comes from Montreal that the company organized by Jay P. Graves for smelting Boundary creek ore is making active preparations to begin work on the smelter in the spring. The name is the Granby Consolidated Mining & Smelting company. It will probably take 12 months to have everything in readiness for smelting. The company is making plans for carrying out by far the largest mining and smelting enterprise ever undertaken in British Columbia.

Smith Curtis of this city recently visited the Pay Ore on the north fork of Kettle river and inspected the tunnel now being driven to cut the quartz vein at a depth of about 100 feet. This tunnel is now in 25 feet, and it is expected that it will have to be driven 50 feet further before the vein is crossed. Several stringers and bunches of quartz similar to the big ledge of the main vein have been encountered. The dip of these stringers is rather flat, indicating that with depth they will coalesce with the main vein.

As an evidence of the faith felt by experienced and conservative mining men in the future greatness of the Boundary country as a mineral producing section, may be cited the large amount of machinery now being installed or in contemplation for some of our best mining properties. Less than 18 months ago there was in this entire section not one mine equipped with machinery more adequate than an Armstrong hoist or a Payne power winch, while at the present time there are at least a dozen complete plants of mining machinery in operation, and as many more are either contracted for or in contemplation for various other properties in different parts of the district.

There was quite a skirmish for Morrison stock on Saturday, says the Boundary City Times, when it became known that the tunnel that was being run below the wagon road to connect with the shaft had encountered a body of rich ore. The tunnel is in 90 feet and 260 from the working shaft. It was expected that the ore body would be tapped by the tunnel 50 feet further in, so that the strike would be a pleasant surprise to the owners. The ore is a portion of the ledge upon which the shaft has been sunk. There is therefore 260 feet of ore between the tunnel and the shaft. The width of the ledge has not yet been determined to its full extent, but the exploratory work has satisfied the owners that it is equal to the big ledges of Deadwood.

E. O. Finch of Roseland, has bonded the Mabel and Oro mining claims in the Central camp, from John Douglas of Camp McKinney, for \$30,000, and also the Cornucopia, which adjoins the above properties, for \$10,000, from the same gentleman. The deal was negotiated by E. A. Blesley, the well-known Greenwood mining man. These claims are crown granted, 600x1,500 feet area, located one mile west of the City of Paris. In the Mabel are three veins. Shafts have been sunk on two, 60 feet, and a 35-foot shaft on the other, on four feet of ore, assaying about 865 in gold. The Oro runs high in copper and about \$4 in gold from a 20-foot shaft. Mr. Finch was never associated with Labaree, Pope & Ives, as stated in the Times, but was associated with Hon. George E. Foster in Slocan property. Work on the Mabel and Oro will start soon.—Greenwood Miner.

The surface showings of the Oro Denaro are of the most flattering description. In addition to the smaller lead, which are exposed on the surface, there are two great leads that are traceable across the property. One is magnetic iron carrying copper. It is over 100 feet wide and has been stripped for 60 feet. The ore in the other lead is a copper pyrite, and is 30 feet wide. On the eastern edge of this lead a shaft has been sunk to a depth of 70 feet. It is more or less in ore. From this shaft has been taken ore running as high as 25 per cent in copper. From several prospect holes values as high as 31 per cent copper, \$4 in gold and 18 ounces silver have been secured.

It is the intention of the company to secure a large plant for the property. In the meantime the shaft will be sunk to the 150-foot level, and drifts and crosscuts run.—Boundary Creek Times.

### NELSON DIVISION.

This week the Second Relief mine, which is situated 13 miles from Erie, a station on the Nelson & Fort Sheppard railway, 27 miles from Nelson, shipped 68 tons of gold ore to the Northport smelter. The ore had a customs valuation of \$2,760.

The Blackcock mine, near Ymir, shipped another 25 tons of ore to the Northport smelter this week. The ore

carried two ounces gold and four ounces silver to the ton. The 25 tons were valued at \$1,118.

In the long tunnel at the Athabasca mine the men are now working in some of the richest ore ever taken out of the property. Men working in the tunnel say that every shot is bringing down large quantities of rich ore, and the mine will be worked out in a few months with the naked eye. One car, containing a little over one ton delivered at the mill, gave a sample return of \$1,200. The richest streak in the vein gives a value of \$1,700 to the ton.

It is reported from Nelson that the Molly Gibson will be closed shortly. The company has decided upon this move on account of the litigation it has been thrust into by the appeal of Callenan from the decision of the supreme court in the action he brought against the Molly Gibson company. Callenan intends to take the case to the privy council in London, and the mine will be closed down pending the final settlement of all litigation and the decision of the highest court in the realm as to the ownership of the property. The company is now anxious that the case should come before the privy council as soon as possible and is quite confident of the result. Assistants will be given Callenan to hasten the presentation of the case, and if he shows any disposition to quit the company will urge the appeal so that it may be finally disposed of and no further trouble encountered. There are at present 17 men employed at the mine.—Sandon Paystreak.

### EAST KOOTENAY.

The deal for bonding the Copper Crown will probably go through all right.

It is reported that Mathias and Hanp have bonded their Toby creek group in the Windermere district to Spokane parties for \$100,000.

Messrs. Day, Farrell and Murphy, of the Lake Shore mine, Moyle, say that they have shipped six cars and that the ore netted \$600 a car. It runs \$73 a ton, and with \$23.50 for freight and treatment and \$21 for duty, left \$31.50 net per ton.

The property located by William Violette, J. W. Wheeler and several other parties, consisting of a block of 14 claims, situated on Quartz creek near the head of Boulder creek, has been secured by a Spokane syndicate and stocked for \$3,000,000.

A letter from Superintendent Smith of the Sullivan Group Mining company, whose three claims are in the Republic camp, on the North Star, says: "The North Star, at 170 feet, is getting gold values of \$12, and the Steward has a full breast of ore that carries from \$4 to \$10 in gold, silver and copper."

### ALDERMAN MCCRACKEN.

### Believes the Government May Build From Vancouver to Penitenc.

Alderman J. Ferguson McCracken returned on Tuesday night from Victoria, where he had been for some few days, partly on private business and partly assisting the mayor in obtaining legislation for the city. Mr. McCracken confirmed the statements made by the mayor that the government realized the needs of the country and that they considered that Kootenay was the most rapidly growing section in the province. Unfortunately every section of the country is growing and wants appropriations. "You can't divide one dollar into a hundred parts and have each part five dollars," he explained. "It is too much to ask of any government. Still, it has been there earlier, there won't have any difficulty in obtaining a much larger appropriation for the court house, but I question if we could have done better for the roads."

While he was in Vancouver Alderman McCracken found the people there all anxious to have direct communication with this country, and he gave it as his opinion that there would be no difficulty in getting money for a road from Vancouver to Penitenc by way of Hope.

There was a likelihood, he said, that if the finances of the province could be arranged and no private parties built the road that the next session would see a government measure introduced to build the line partly as a government enterprise to be run as a government road. Finally that there was no doubt they would render substantial aid to a private enterprise of this kind.

Ald. McCracken said a high tribute to the work that had been done by the sitting member for the Roseland riding, James M. Martin, and said that he was highly esteemed in Victoria by his fellow-members and the government, and stood so well that he could obtain almost anything in reason if only he was advised in time.

### FROM THE RECORDS.

### Certificate of Improvements.

To Victor Monier, on the St. Bernhard mineral claim, at O. K. mountain.

### Transfers.

James Hingston to Charles Paine, 1/2 interest in the Dexter fractional mineral claim on Sullivan creek, 30.

John P. Murphy to John P. Hennessey and partners, 1/2 interest in the Gonyava mineral claim on north fork of Big Sheep creek, 31.

J. D. Keogh to H. Henderson, the River mineral claim and the York mineral claim, on the north slope of Red mountain, 32.

F. M. McLeod to Richard Marsh, 1/2 interest in the River, Voltaire, Atlanta and Midgett mineral claims on Sophie mountain, 33.

### Power of Attorney.

Robert Patton to James Richardson, to sell 1/2 interest in Skylark mineral claim, on Monte Cristo mountain.

### Incandescent Light Case.

OTTAWA, March 1.—In the exchequer court today judgment was given by consent in the case of the Westsack Incandescent Gaslight company, the Auer Incandescent Gaslight company, and the Manitoba Auer Light company vs. Anderson. It was declared that there was an infringement of the patent. An injunction is issued and the defendants are ordered to give up all the stock made under the infringement.

### A Probable Candidate For Winnipeg.

OTTAWA, March 1.—J. E. Ashdown of Winnipeg had an interview with the premier and Minister Sifton this morning. Mr. Ashdown is on his way to England. His name is freely mentioned in connection with the vacancy in Winnipeg for the house of commons.

## THE STOCK MARKET

### Yesterday Closed Another Lively Week's Business.

### FEBRUARY A GOOD MONTH

### Rathmullens Were the Banner Sellers of the Week and Fully 100,000 Shares Changed Hands—Lone Pines Are Firm at 88 Cents.

The market has been lively for the past week, and, indeed, the volume of business transacted during the month of February was large. More business was transacted in February than in any month since August, 1898. There were two months in midsummer of last year during which a large grist of business was transacted. It was feared last week that the fall in Deer Parks might affect business, but beyond a slight fall in one or two shares the result was scarcely perceptible. This reveals how strong the market is, and shows that it takes more than a slump in one stock to have any serious effect.

Rathmullens were the banner sellers of the week, and fully 100,000 shares changed hands. The recent development in the property is of a most encouraging nature, and the impression is that insiders are purchasing the shares.

The impression prevails that it will not be long before the ledge on the Virginia will be reached, and this causes a demand for the shares of that property. They have been selling around 51 cents during the week.

Dardanelles are firm at 17 cents, with an upward tendency.

Evening Stars are recovering their tone and have gone up, and sold for 10 1/2 @ 11 cents during the past two days. The reports from the property continue favorable.

There has been considerable demand for Monarchs during the week. These shares have advanced from 12 cents to 18 during the past few days and still have an upward tendency.

Lone Pines have been selling freely during the past week and are firm at 38 cents. The Lone Pine property is among the better class in the Republic camp, and late developments lead to the impression that it will make a mine.

Iron Colts are steady and are selling at 18 to 19 cents. The development of this property is making steady progress.

There is some demand for Monte Cristo at 13 cents and there is a fair demand. This is due to the impression that prevails that work will be resumed, now that C. R. Hosmer of Montreal, the leading spirit of the company, has returned from a visit to Europe.

Okanagan Free Golds have been among the lively sellers during the past week. One lot has been disposed of 33,000 shares at 15 cents per share. There were some offerings under this figure, but they were quickly picked up by the insiders. The machinery for the stamp mill has been taken up the river from Wenatchee and three days since it was on the bank of the Okanagan river, at a point two and a half miles from the mill site. The presumption is that the mill will be in operation within the next 60 days at the farthest.

Winnipeg are advancing and yesterday they were selling around 2 1/2 cents. There was a sale of California yesterday at 4 1/2 cents. This is the first time that these shares have been sold for a long period.

There is some call for Monitas, and yesterday there were