

SIMILKAMEEN COAL FIELDS

ASHNOLA, B.C., Nov. 25.—(Special.)
Advices from Nelson confirm previous reports that the deal with the Toronto syndicate for the purchase of eight of the coal claims owned by the Similkameen Valley Coal Company will undoubtedly be taken up by the first of the month.

The opening section of Mr. Blakemore's report deals with the location of the company's eleven claims and the eight claims under option to the Toronto syndicate. He says:
In addition to your coal claims, I consider your surface areas are valuable, being situated in a fertile valley, in the neighborhood of a good ranching country with a favorable climate.

Topography.
Your land rises to the east bank of the Similkameen river a series of undulating hills to the height of about 1,000 feet in the east at a distance of four miles from the river and a height of 900 feet in the west two miles from the river on Bromley creek. The valley which runs north and south assumes the ordinary level of the Similkameen river and therefore affords easy access for a railroad.

Geology.
The geological formation is the upper series of the Cretaceous era, the coal measures being inter-stratified with sandstone rocks and shales. The coal occurs in a basin the centre of which is about three miles south of Princeton and two miles north of Ashnola. Into this basin the coal seams dip from each direction and outcrops are visible in the creeks which flow from the mountain into the Similkameen river.

Mineral.
If good marketable coal is discovered of non-coking character, whether lignite or bituminous, a capital of not less than \$50,000 to \$75,000 would be required, the amount varying with the depth of the shaft, to equip and develop the mine to a capacity of at least 100,000 tons per year.

Market.
It is hardly necessary for me to say, since you are so well acquainted with the country yourself, that the whole question of the value of the property turns upon railway construction. Without a railway its mineral value would be merely nominal, although it would be a good investment to hold such a property in view of the certainty of railway construction within a reasonable time.

Character of Coal.
I took samples of the coal at every point where it was exposed and after careful examination of same have pronounced that all these samples are lignitic, some of them of good quality running as high as 45 per cent fixed carbon, 41 per cent volatile combustible matter and as low as 2 per cent in ash. All the samples are comparatively de-

void of sulphur. Coal of this quality, which is inferior to bituminous or anthracite, is valuable for steam and domestic purposes, and even if further exploration should fail to reveal the existence of the other grades of coal referred to, there is no reason why a good tract of land should not be developed for lignite. I find on reference that these seams will compare favorably with the lignite which is being worked on a large scale in the United States.

Table with 4 columns: Location, Volatile Matter, Fixed Carbon, Ash. Rows include Iowa, Wyoming, Utah, Oregon, and Oregon.

The greater value of the property, however, turns upon the question of the existence of bituminous or anthracite coals, and with reference to this I can only say that the lignite coals occurring in the upper formation there is no inherent impossibility of discovering bituminous coal underneath. As to whether such coal actually exists there is no evidence in the very limited amount of exploration work done upon the property to enable one to judge, but the strongest evidence of the probability of its existence is to be found in the fact that upon Granite creek, Collins' gulch and Cedar creek, at distances varying from 12 to 20 miles west of this property upon the Tulameen river, there is satisfactory evidence of the existence of bituminous coal.

Exploration.
This property is very admirably situated for the exploratory work and I consider that the best method of determining the extent of the coal measures and their true character is by means of a diamond drill. This drill should be set at work as near as possible to the centre of the basin. In making this suggestion I bear in mind a conversation I had with yourself and Mr. Murray when we were on the ground, that there was a possibility of your agreeing upon united action. I am therefore advising the location of a bore hole where I think it would be equally serviceable to both parties.

Life Often Made a Burden Through Nursing a Cross and Fretful Baby.
All babies should be good-natured; well babies, if there is no outward reason for discomfort, are always good-natured, and yet how many mothers permit themselves to be thoroughly worn out, caring day and night for a sick, cross and fretful baby, when a simple and foresight would remove all the trouble and make both mother and baby happy.

Having regard to the rate of wages prevailing in this country, and likely for some years to be prevalent throughout the west, I estimate that the cost of producing coal in this basin would be \$1.50 from shafts and \$1.25 from surface openings. I do not, however, think it likely that any recoveries can be made from your property except by means of shafts.

Market.
It is hardly necessary for me to say, since you are so well acquainted with the country yourself, that the whole question of the value of the property turns upon railway construction. Without a railway its mineral value would be merely nominal, although it would be a good investment to hold such a property in view of the certainty of railway construction within a reasonable time.

Character of Coal.
I took samples of the coal at every point where it was exposed and after careful examination of same have pronounced that all these samples are lignitic, some of them of good quality running as high as 45 per cent fixed carbon, 41 per cent volatile combustible matter and as low as 2 per cent in ash. All the samples are comparatively de-

void of sulphur. Coal of this quality, which is inferior to bituminous or anthracite, is valuable for steam and domestic purposes, and even if further exploration should fail to reveal the existence of the other grades of coal referred to, there is no reason why a good tract of land should not be developed for lignite. I find on reference that these seams will compare favorably with the lignite which is being worked on a large scale in the United States.

The greater value of the property, however, turns upon the question of the existence of bituminous or anthracite coals, and with reference to this I can only say that the lignite coals occurring in the upper formation there is no inherent impossibility of discovering bituminous coal underneath. As to whether such coal actually exists there is no evidence in the very limited amount of exploration work done upon the property to enable one to judge, but the strongest evidence of the probability of its existence is to be found in the fact that upon Granite creek, Collins' gulch and Cedar creek, at distances varying from 12 to 20 miles west of this property upon the Tulameen river, there is satisfactory evidence of the existence of bituminous coal.

Exploration.
This property is very admirably situated for the exploratory work and I consider that the best method of determining the extent of the coal measures and their true character is by means of a diamond drill. This drill should be set at work as near as possible to the centre of the basin. In making this suggestion I bear in mind a conversation I had with yourself and Mr. Murray when we were on the ground, that there was a possibility of your agreeing upon united action. I am therefore advising the location of a bore hole where I think it would be equally serviceable to both parties.

be carried through this district at any rate within two years from date. The important mineral properties which have been located, together with the excellent character of land throughout the Similkameen and Tulameen valleys, promise a rich harvest to the transportation company building through this country, and in view of the competition which has been entered upon between the competing railway companies in Southern British Columbia it is not likely there will be much more delay before one or the other commences operations.

Assuming that a railway is constructed from Kootenay to the Coast, it must pass through Princeton, and whichever route may be taken west of that point, whether by the Tulameen valley or south down the Similkameen, then up Whipsaw creek and over Hope summit, it will in either case serve you property, and a branch line of less than a mile would place you in connection with either route. If your property is confined to lignite of good quality, there would be a market for domestic and steel purposes within a radius of 150 miles. If you were fortunate enough to discover a seam of coking bituminous coal you would be able to control the smelting trade of the Boundary district and the Coast, as no coke of first rate quality is produced west of Fernie, and the distance to the coast would not be sufficient to prevent you from competing successfully with the coal produced on Vancouver island, which is the costliest and difficult to get to the coast.

Conclusions.
Having made a thorough examination of your property I have no hesitation in saying that you possess apart from the question of its value as a coal mining proposition. The surface townsite and water power which you control must, in the event of a railway passing through this district, be of increasing value, and as all indicated above I consider that in all respects this position of your property is favorably situated with regard to every other similar property in the district; but I imagine that it is mainly upon the prospects of coal mining and coke that you rely, and the only conclusion that I can come to is that you have good grounds for believing that there is at this point a large tract of high class lignite coal as evidenced by the numerous outcroppings which have been examined and analyzed.

Life Often Made a Burden Through Nursing a Cross and Fretful Baby.
All babies should be good-natured; well babies, if there is no outward reason for discomfort, are always good-natured, and yet how many mothers permit themselves to be thoroughly worn out, caring day and night for a sick, cross and fretful baby, when a simple and foresight would remove all the trouble and make both mother and baby happy.

Having regard to the rate of wages prevailing in this country, and likely for some years to be prevalent throughout the west, I estimate that the cost of producing coal in this basin would be \$1.50 from shafts and \$1.25 from surface openings. I do not, however, think it likely that any recoveries can be made from your property except by means of shafts.

Market.
It is hardly necessary for me to say, since you are so well acquainted with the country yourself, that the whole question of the value of the property turns upon railway construction. Without a railway its mineral value would be merely nominal, although it would be a good investment to hold such a property in view of the certainty of railway construction within a reasonable time.

Character of Coal.
I took samples of the coal at every point where it was exposed and after careful examination of same have pronounced that all these samples are lignitic, some of them of good quality running as high as 45 per cent fixed carbon, 41 per cent volatile combustible matter and as low as 2 per cent in ash. All the samples are comparatively de-

void of sulphur. Coal of this quality, which is inferior to bituminous or anthracite, is valuable for steam and domestic purposes, and even if further exploration should fail to reveal the existence of the other grades of coal referred to, there is no reason why a good tract of land should not be developed for lignite. I find on reference that these seams will compare favorably with the lignite which is being worked on a large scale in the United States.

The greater value of the property, however, turns upon the question of the existence of bituminous or anthracite coals, and with reference to this I can only say that the lignite coals occurring in the upper formation there is no inherent impossibility of discovering bituminous coal underneath. As to whether such coal actually exists there is no evidence in the very limited amount of exploration work done upon the property to enable one to judge, but the strongest evidence of the probability of its existence is to be found in the fact that upon Granite creek, Collins' gulch and Cedar creek, at distances varying from 12 to 20 miles west of this property upon the Tulameen river, there is satisfactory evidence of the existence of bituminous coal.

Exploration.
This property is very admirably situated for the exploratory work and I consider that the best method of determining the extent of the coal measures and their true character is by means of a diamond drill. This drill should be set at work as near as possible to the centre of the basin. In making this suggestion I bear in mind a conversation I had with yourself and Mr. Murray when we were on the ground, that there was a possibility of your agreeing upon united action. I am therefore advising the location of a bore hole where I think it would be equally serviceable to both parties.

Life Often Made a Burden Through Nursing a Cross and Fretful Baby.
All babies should be good-natured; well babies, if there is no outward reason for discomfort, are always good-natured, and yet how many mothers permit themselves to be thoroughly worn out, caring day and night for a sick, cross and fretful baby, when a simple and foresight would remove all the trouble and make both mother and baby happy.

Having regard to the rate of wages prevailing in this country, and likely for some years to be prevalent throughout the west, I estimate that the cost of producing coal in this basin would be \$1.50 from shafts and \$1.25 from surface openings. I do not, however, think it likely that any recoveries can be made from your property except by means of shafts.

TRANSPORTATION

NORTHERN PACIFIC logo and text: THE ONLY LINE EAST VIA SALT LAKE AND DENVER.

North Coast Limited TIME CARD OF TRAINS. Table with columns: SPOKANE TIME CARD, ARRIVE, DEPART. Rows include North Coast Limited west, North Coast Limited east, No. 4 East Bound, etc.

Spokane Falls & Northern RED MOUNTAIN RAILWAY. Nelson & Fort Sheppard R'y. The only all-rail route between all points east, west and south to Rossland, Nelson and intermediate points.

Atlantic S. S. Lines. (From St. John.) Allan Line—Numidian, Avar Line—Tonia, Allan Line—Tunisia, etc.

CAREWORN MOTHERS. Life Often Made a Burden Through Nursing a Cross and Fretful Baby. All babies should be good-natured; well babies, if there is no outward reason for discomfort, are always good-natured, and yet how many mothers permit themselves to be thoroughly worn out, caring day and night for a sick, cross and fretful baby, when a simple and foresight would remove all the trouble and make both mother and baby happy.

Having regard to the rate of wages prevailing in this country, and likely for some years to be prevalent throughout the west, I estimate that the cost of producing coal in this basin would be \$1.50 from shafts and \$1.25 from surface openings. I do not, however, think it likely that any recoveries can be made from your property except by means of shafts.

Market.
It is hardly necessary for me to say, since you are so well acquainted with the country yourself, that the whole question of the value of the property turns upon railway construction. Without a railway its mineral value would be merely nominal, although it would be a good investment to hold such a property in view of the certainty of railway construction within a reasonable time.

Character of Coal.
I took samples of the coal at every point where it was exposed and after careful examination of same have pronounced that all these samples are lignitic, some of them of good quality running as high as 45 per cent fixed carbon, 41 per cent volatile combustible matter and as low as 2 per cent in ash. All the samples are comparatively de-

void of sulphur. Coal of this quality, which is inferior to bituminous or anthracite, is valuable for steam and domestic purposes, and even if further exploration should fail to reveal the existence of the other grades of coal referred to, there is no reason why a good tract of land should not be developed for lignite. I find on reference that these seams will compare favorably with the lignite which is being worked on a large scale in the United States.

The greater value of the property, however, turns upon the question of the existence of bituminous or anthracite coals, and with reference to this I can only say that the lignite coals occurring in the upper formation there is no inherent impossibility of discovering bituminous coal underneath. As to whether such coal actually exists there is no evidence in the very limited amount of exploration work done upon the property to enable one to judge, but the strongest evidence of the probability of its existence is to be found in the fact that upon Granite creek, Collins' gulch and Cedar creek, at distances varying from 12 to 20 miles west of this property upon the Tulameen river, there is satisfactory evidence of the existence of bituminous coal.

Exploration.
This property is very admirably situated for the exploratory work and I consider that the best method of determining the extent of the coal measures and their true character is by means of a diamond drill. This drill should be set at work as near as possible to the centre of the basin. In making this suggestion I bear in mind a conversation I had with yourself and Mr. Murray when we were on the ground, that there was a possibility of your agreeing upon united action. I am therefore advising the location of a bore hole where I think it would be equally serviceable to both parties.

O.R.&N. OREGON SHORT LINE AND UNION PACIFIC. THE ONLY LINE EAST VIA SALT LAKE AND DENVER.

Two Trains Daily Shortest and Quickest Route. Coast d'Alene Mines, Palouse, Lewis, Walla Walla, Baker City Mines, Portlano, San Francisco, Cripple Creek Gold Mines and all points East and South Only line East via Salt Lake and Denver.

Spokane Falls & Northern RED MOUNTAIN RAILWAY. Nelson & Fort Sheppard R'y. The only all-rail route between all points east, west and south to Rossland, Nelson and intermediate points.

Atlantic S. S. Lines. (From St. John.) Allan Line—Numidian, Avar Line—Tonia, Allan Line—Tunisia, etc.

CAREWORN MOTHERS. Life Often Made a Burden Through Nursing a Cross and Fretful Baby. All babies should be good-natured; well babies, if there is no outward reason for discomfort, are always good-natured, and yet how many mothers permit themselves to be thoroughly worn out, caring day and night for a sick, cross and fretful baby, when a simple and foresight would remove all the trouble and make both mother and baby happy.

Having regard to the rate of wages prevailing in this country, and likely for some years to be prevalent throughout the west, I estimate that the cost of producing coal in this basin would be \$1.50 from shafts and \$1.25 from surface openings. I do not, however, think it likely that any recoveries can be made from your property except by means of shafts.

Market.
It is hardly necessary for me to say, since you are so well acquainted with the country yourself, that the whole question of the value of the property turns upon railway construction. Without a railway its mineral value would be merely nominal, although it would be a good investment to hold such a property in view of the certainty of railway construction within a reasonable time.

Character of Coal.
I took samples of the coal at every point where it was exposed and after careful examination of same have pronounced that all these samples are lignitic, some of them of good quality running as high as 45 per cent fixed carbon, 41 per cent volatile combustible matter and as low as 2 per cent in ash. All the samples are comparatively de-

void of sulphur. Coal of this quality, which is inferior to bituminous or anthracite, is valuable for steam and domestic purposes, and even if further exploration should fail to reveal the existence of the other grades of coal referred to, there is no reason why a good tract of land should not be developed for lignite. I find on reference that these seams will compare favorably with the lignite which is being worked on a large scale in the United States.

The greater value of the property, however, turns upon the question of the existence of bituminous or anthracite coals, and with reference to this I can only say that the lignite coals occurring in the upper formation there is no inherent impossibility of discovering bituminous coal underneath. As to whether such coal actually exists there is no evidence in the very limited amount of exploration work done upon the property to enable one to judge, but the strongest evidence of the probability of its existence is to be found in the fact that upon Granite creek, Collins' gulch and Cedar creek, at distances varying from 12 to 20 miles west of this property upon the Tulameen river, there is satisfactory evidence of the existence of bituminous coal.

Exploration.
This property is very admirably situated for the exploratory work and I consider that the best method of determining the extent of the coal measures and their true character is by means of a diamond drill. This drill should be set at work as near as possible to the centre of the basin. In making this suggestion I bear in mind a conversation I had with yourself and Mr. Murray when we were on the ground, that there was a possibility of your agreeing upon united action. I am therefore advising the location of a bore hole where I think it would be equally serviceable to both parties.

THE NORTH-WESTERN LINE (C.S.T.P. & O.R.) Four Fine Fast Trains Each Way Minneapolis and St. Paul Chicago and Milwaukee

Every Day in the Year. "The North-Western Limited" steam heated, electric lighted, with electric berth lights, compartment sleepers, buffet library cars, and free chair cars, is absolutely the finest train in the world.

Spokane Falls & Northern RED MOUNTAIN RAILWAY. Nelson & Fort Sheppard R'y. The only all-rail route between all points east, west and south to Rossland, Nelson and intermediate points.

Atlantic S. S. Lines. (From St. John.) Allan Line—Numidian, Avar Line—Tonia, Allan Line—Tunisia, etc.

CAREWORN MOTHERS. Life Often Made a Burden Through Nursing a Cross and Fretful Baby. All babies should be good-natured; well babies, if there is no outward reason for discomfort, are always good-natured, and yet how many mothers permit themselves to be thoroughly worn out, caring day and night for a sick, cross and fretful baby, when a simple and foresight would remove all the trouble and make both mother and baby happy.

Having regard to the rate of wages prevailing in this country, and likely for some years to be prevalent throughout the west, I estimate that the cost of producing coal in this basin would be \$1.50 from shafts and \$1.25 from surface openings. I do not, however, think it likely that any recoveries can be made from your property except by means of shafts.

Market.
It is hardly necessary for me to say, since you are so well acquainted with the country yourself, that the whole question of the value of the property turns upon railway construction. Without a railway its mineral value would be merely nominal, although it would be a good investment to hold such a property in view of the certainty of railway construction within a reasonable time.

Character of Coal.
I took samples of the coal at every point where it was exposed and after careful examination of same have pronounced that all these samples are lignitic, some of them of good quality running as high as 45 per cent fixed carbon, 41 per cent volatile combustible matter and as low as 2 per cent in ash. All the samples are comparatively de-

void of sulphur. Coal of this quality, which is inferior to bituminous or anthracite, is valuable for steam and domestic purposes, and even if further exploration should fail to reveal the existence of the other grades of coal referred to, there is no reason why a good tract of land should not be developed for lignite. I find on reference that these seams will compare favorably with the lignite which is being worked on a large scale in the United States.

The greater value of the property, however, turns upon the question of the existence of bituminous or anthracite coals, and with reference to this I can only say that the lignite coals occurring in the upper formation there is no inherent impossibility of discovering bituminous coal underneath. As to whether such coal actually exists there is no evidence in the very limited amount of exploration work done upon the property to enable one to judge, but the strongest evidence of the probability of its existence is to be found in the fact that upon Granite creek, Collins' gulch and Cedar creek, at distances varying from 12 to 20 miles west of this property upon the Tulameen river, there is satisfactory evidence of the existence of bituminous coal.

Exploration.
This property is very admirably situated for the exploratory work and I consider that the best method of determining the extent of the coal measures and their true character is by means of a diamond drill. This drill should be set at work as near as possible to the centre of the basin. In making this suggestion I bear in mind a conversation I had with yourself and Mr. Murray when we were on the ground, that there was a possibility of your agreeing upon united action. I am therefore advising the location of a bore hole where I think it would be equally serviceable to both parties.

SUCCESSFUL

THE ANNUAL B. DREW'S SON. GUESTS WERE ALL THE AIR GO.

Few social events in the Golden City have been so successful and delightful as the one given by Mr. Andrew's son last night. It was largely attended, in fact, almost a throng of guests were present in the hospital.

The reception committee's duties thoroughly hospitably were discharged as they arrived during the evening. Through the kindness of the ladies, the hall was adorned with flowers, and the building presented a beautiful appearance.

The committee included MacNeill, J. S. C. Fr. A. B. Barker, Dr. Johnson, T. S. Gilman, W. Grigor and J. B. The immense presence of the guests for the occasion, and the remedy, Pny-Balsam, and certainly, of Made by the propriet Pain-Killer.

The Proprietor of Married in. There was an interesting yesterday afternoon reception at the home of Mrs. Klockmann of Ross. Friends of the bride were present in the presence of friends at the home of John K. Reardon, Esq. The Spokesman's marriage was performed by the Rev. Mr. Murray, a minister closely associated with in business and married the best man, and was Miss Schmidt, of des Schmidt, the white wedding gown daintiest brides of the tide.

After the ceremony was driven to the where the reception was attended by about 8 o'clock the wedding in the new Moorish It was the first time had been thrown on and its magnificent still further adorned array of flowers and in chrysanthemums among the finest ever An orchestra furnished the dinner, and after a delightful little bride and groom led and Mrs. Klockmann's presents of a number of some presents.

They are at the day, but will leave to land, where they will They expect to return to Spokane, where their home. The marriage of Mr. Miss Hewitt is the romance in which the mental mine, in the trict, has had an inter two had been engaged A few weeks ago Mr. cluded arrangements under way for the mental. He received interest in the h kept practically a h mine is being pushed hope to make it soon Having settled the Klockmann claimed h marriage yesterday w Mr. Klockmann is known mining and British Columbia. T first saw the Contine a fearful trip over the snow 20 feet deep, wh his life from an expos friends. At that time interest in the Cont being accumulating r until he now has the on the way to make sonally he is a man dinary wide list of f The bride is the da John M. Vaughn of well known as an op he has appeared in Spo before most attent She has much talent saging personality.

It is just like throw when you throw a SIOE TAGS which a of PAY ROLL CHE CO. Save them and your choice of 150 ha Tags are good up to Ask your dealer for o ed premium catalogue

APIOLINE (CHAPOLTEAU) FOR LADIES ONLY. RELIEVES PAIN AND IS A SAFE, RELIABLE MONTHLY REGULATOR. Superior to Apol, Pennyroyal and Tansy. Agents: LYMAN, SOSS & CO., Montreal.

SANTAL-MIDY. Standard remedy for Gleet, Gonorrhoea and Runnings. IN 48 HOURS. Cures Kidney and Bladder Troubles.

A NEW FEATURE CANADIAN PACIFIC RY. EFFECTIVE OCTOBER 15th. Will Operate In addition to usual equipment On CROW'S NEST SECTION TOURIST SLEEPING CARS, Leaving Kootenay Landing TUESDAY AND FRIDAY, Connecting at Medicine Hat with Main line cars for ST. PAUL VIA SOO LINE, TORONTO, MONTREAL, BOSTON, And intermediate points on direct route. For timetable and full information, call on or address nearest local agent. A. B. MACKENZIE, City Agent, Toronto. J. B. Carter, Depot Agent, Rossland. D. F. A. Nelson, Vancouver.

WINNIPEG, Dec. 2.—Harry Beach, collector of Morden, was held upon the highway between Winkler and Plum Coulee and relieved of \$300 by an unknown robber. The customs collections at Winnipeg for November show an increase of nearly 46 per cent over last year.

Daly, Hamilton & le Maistre Barristers, Solicitors, Notaries. Rossland, B. C. A MANITOBA ROBBERY. WINNIPEG, Dec. 2.—Harry Beach, collector of Morden, was held upon the highway between Winkler and Plum Coulee and relieved of \$300 by an unknown robber. The customs collections at Winnipeg for November show an increase of nearly 46 per cent over last year.