THE WEEKLY ISSUE IS 350 COPIES.

The Prospector.

Vol,1. FORT STEELE, SATURDAY FEBRUARY 1st, 1896.No 13.

MINERAL GEOLOGY.

Before taking into consideration the metalliferous ores,it would be advisable, perhaps, to have some idea as to their manner with regard to the geological structure; A true mineral vein consists of one or more minerals deposited within a fissure of the earths crust, the bounding surfaces of such a vein are termed walls; where inclined, the uppermost is known as the hanging, and the lower, the lying or foot wall. A vein may coincide with a line of fault or of joint,or it may run quite independently of any other structural division, but in all cases it is independent of the bedding of the country rock.Cases occur among crystalline rocks,however,and still more frequently among limestones,where the introduction of mineral matter has taken place along gently inclined or even horizontal planes, and veins then look like stratified leads. True mineral veins are in no respect to be confounded with veins injected in a moulten condition from the interior of the earth,although they are commonly most frequent , and most metalliferous in districts where these eruptive rocks are abundant. The breadth of a mineral vein varies from a mere film to gigantic walls of 100 feet or more in width,the simplest example being the stringers of quartz or calcite so often found among the more ancient rocks.The non metalliferous minerals, are known as gangue or vein stones the commonest being Quartz,Calcite and Barytes, the ore contained by these veinstones being generly in the form of Oxides,Carbonates,Sulphides,Chlorides,Silicates and their combinations. It has been ascertained that veins are not always formed at one single operation,but that the fissure has remained open,and received a second, and sometimes a third layer on each wall until the whole is filled up,or drusses lined with crystals are left.With regard to the intrusive veins which must not be confounded with the true mineral vein,one series of them is crystalline in structure,this series includes most of the eruptive rocks,of which Granite,Syenite,Quartz-porphyry,Dioryite and Quartz-trachyte are the most common,these are not ore bearing rocks, altho gold has been detected in some of them; But it is among the eruptive masses that the true mineral veins are more often found,and it is the knowledge of this fact that probably give rise to the extraordinary opinion held by a good many prospectors and miners, that no mineral veins are to be found in limestones,this is of course obviously wrong,and the sooner the prospector forget it,the better for the prospector and the country.

London,Jan,15th. A movement is on foot among prominent Americans and Britons, in this city; to bring about the formation of a permanent court of arbitration to settle disputes between the two nations as proposed by Justice Harlan in 1893

PICK. PAN AND SHOVEL.

We learn that our President R.L.T.Galbraith, has been offered ,and will probably will accept,A Vice Presidency in the N.W.Mining Association of Spokane Wash. This society, recently formed, has for its object the fostering and elevating of the business of mining, also bringing unto the notice of mining men, the importance of the work undertaken by the Association; which commends itself to the attention of all those interested in mining. The annual meeting of the association will be held in Spokane on the 2nd of October next, when we trust that the Fort Steele Mining Association will be represented by its President and Secretary. The officers of the N.W.Mining Association, are all well known mining men. G.B.Dennis, is President. L.K.Armstrong,Secretary. and the executive committee consists of P.Clark.C.Fishback.J.A.Finch,and others who stand high as successful business and mining men,and these names are a sufficient guarantee that the business of the association will be conducted on a strictly business basis.

THE EVOLUTION OF MIND.

The, Hon,Colonel.Baker.Minister of Education has sent to the Secretary of the Public School, a copy of his address delivered on the 6th of Jan. before the Teachers Institute at Vancouver. it is needless to say that it was a masterly effort,in the presentation of an exhaustive and highly instructive lecture on the above subject.

COMPLIMENTARY.

We take pleasure in giving publicity to the following extract from a letter,from Dr.Pope. the superintendent of eeducation, speaking of our Public School and its Teacher. He says. Your report for December is very satisfactory, and judging from the attendence during the past month, You must have succeeded in making the School House, or rather the school very attractive.

METAL QUOTATIONS.

Silver, 67 1/2¢. Copper, $ 10. Lead, $ 2.90.

If you want a map of the North Star, and Sullivan Group of mines. Send address, and 5¢ in stamps to the Prospector Co.Fort Steele B.C.

THE WEEKLY MAIL.

What is the matter with our weekly mail; we understand that the Post Master has been notified by the department, to make preparations for a weekly mail, service commencing Jan,15th 1896. Then we are informed that the weekly service wont commence until Feb 14th just one month behind time. something is radically wrong. where is it,and who is it that is wrong.

SUBSCRIBE FOR THE PROSPECTOR. $ 1.50 per Annum.

THE PROSPECTOR.

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ALL COMMUNICATIONS, Directed to THE PROSPECTOR. Fort Steele, B.C.

PROFESSIONAL.

Chas. Maclean. Physician and Surgeon.
Thomas. McVittie. P.L.S. & C.E.
H.L.Cummins. P.L.S. & C.E.
W.J.Rooke.Cowell, M.A. B.Sc. F.G.S.
N.Arnold.Wallinger. Metallurgist & Assayer

FORT STEELE MINING ASSOCIATION.

R.L.T.Galbraith. President.
C.C.Frizzell. Vice " "
R.D.Mather. " " " "
H.W.Barnes. " " " "
Wm.Carlin. Treasurer.
Thomas. McVittie. Secretary.
All possible information will be furnished by the association, upon application to
Thomas. McVittie,Sec,Fort Steele,B.C.

NOTICE.

NOTICE is hereby given, that application will be made by the BRITISH COLUMBIA SOUTHERN RAILWAY COMPANY, to the LEGISLATURE of the PROVINCE of BRITISH COLUMBIA, at its next session; for an act extending the time within which the Company may complete its undertaking.
Dated,Dec,10th,A.D.1895. J.A.Gemmil.Secretary.

NOTICE.

NOTICE IS HEREBY GIVEN, That application will be made to the LEGISLATIVE ASSEMBLY of the PROVINCE of BRITISH COLUMBIA,at its next session; for an act to incorporate a company for the purpose of constructing,operating and working deep tunnels, drifts,or shafts for the purpose of exploring for, discovering, working, getting, acquiring and recovering minerals situate in blind veins ledges or lodes in the Districts of East & West Kootenay Yale and Cariboo,in the Province of British Columbia, and for entering upon and acquiring lands for such purposes; and for collecting tolls for the use of such tunnels or workings by any other persons or companies engaged in mining, and for acquiring such water powers or privileges as may be necessary or convenient therefor,together with such other powers or privileges,rights or incidents,as may be necessary for or incidental or conducive to the attainment of the foregoing objects or of any of them.
D.28th 95. A.F.Humphreys, Applicant.

TAX NOTICE, SOUTHERN DIVISION OF EAST KOOTENAY.
NOTICE IS HEREBY GIVEN, That in accordance with the Statutes, Revenue Tax, and all other taxes levied under the Assessment act, are now due for the year 1896,and payable at my office in Fort Steele. If paid on or before June 30th 1896.
One half of one per cent on real property,
Two per cent on assessed value of wild land. One third of one per cent on personal property. If paid after June 30th 1896.
Two thirds of one per cent on real property,Two& one half per cent on assessed value of wild land, One half of one per cent on personal property,
Revenue Tax,of $3 for every male person over 18 years of age. All persons who are in arrears of taxes due up to 31st Dec 1895 are requested to pay the same,or costs will be incurred at an early date. C.M.Edwards,Collector & Assessor.
Southern Division of East Kootenay District.

THE LAST SAD RITES.

On Saturday last, the remains of the late Miss. Margaret.Bell, were removed from the residence of Dr,Maclean to the School Room; where the solemn and beautiful service of the Episcopal Church was read by Mr.Galbraith, who delivered a short discourse taking for his subject "The Resurrection," Several appropriate Hymes were sang, after which the cortege wended its way to the grave-yard, where the religious service's were concluded, as the body was being removed from the School Room, Miss.Bailey, played "the Dead March in Saul," The coffin was covered with flowers. a beautiful cros from the Sisters of Charity,and a splendid wreath from Miss.Bailey and others, were placed on the coffin. The pall-bearers were Messers,Langley, Scott. Farquarhson, Willmot, Little and Clark.The funeral arrangments were under the management of Mr.James.Scott.undertaker. The funeral was one of the largest ever seen in Fort Steele, testifying to a very great extent the esteem the young Lady was held in, by the residents of Fort Steele.

Divine Service at the School Room next Sunday Evening at 7 1/2 Oclock. Subject selected for the discourse, "Shall we know each other there",

A very large congregation listened to Mr.Galbraith's discourse last Sunday evening, on the Authenticity of the Bible, not a vacant chair was in the room; testifying to the very great interest the people take in these discourses by attendance.

WHAT THEY THINK OF US IN NEW YORK.

We have been permitted to copy the following extract from a letter recently written to Mrs.J.T. Galbraith, by a lady friend of hers, a Mrs L.D. Seelye, wife of Customs Collector Seelye, who for many years resided at Cranbrooke.
She Say's;

What changes for Kootenay? Those paper that you sent,tell so much of the progress in different parts of the country; especially Fort Steele. Mr.Grace must be quite a genius, those pen and ink sketches are cleverly done, the map of Wild Horse Creek instructive, altogether the Prospector, is a credit to the place showing much progress and enterprise.

FOR SALE.

Mr,Galbraith, has been instructed by Mr.F.C.Laird to offer for sale, the Boiler,Engine,Pumps and other Mining Machinery now at the Laird Claim at Wild Horse Creek.The machinery is first class in every respect, and is just what is wanted for testing deep ground. any information will be given by Mr.Jennings or Mr.Galbraith. The whole outfit will be sold at a reasonable figure.

A NOVEL RACE.

The ice on the river is in a good condition for skating, and many have indulged themselves to the fullest extent; But now there seems to be a diversity of opinions as to who is the best skater. We hear that these would be champions, are to have a match race to settle the dispute. the distance is150 yards straight away, and for the championship of Fort Steele. the contestants are Mrs.Levett, and Mr.Carlin, Referee, will be Chas.Levett. considerable interest is being taken in the event, and the boys are betting freely on the result.

We have been informed that the Duke of Wild Horse has returned to Fort Steele.

THE PROSPECTOR

SATURDAY, Feb. 1st 1896.

THE DARDENELLES GROUP.

This property is situated on Shepard Gulch, a tributary of Wild Horse Creek, about one and a half miles from the wagon road on Wild Horse; The property consists of the Dardenelles, Ethel and the Mother Lode. The Banks, Bros. and O.S. Frizzell are the owners. there is plenty of timber suitable for all mining purposes, also water. This property was located in 1893. and consists of three full claims, 1500 X1500 each. there has been considerable development work done on this property. a tunnel is in 110 feet, the lead or vein, is a gold bearing quartz, some four feet in width, the rich pay streak is two and a half feet, though the whole lead carries gold in paying quantities. The ledge is a free milling quartz, and assays high in gold; The country rock is Porphyretic Slate, and trends North and South; the vein cuts the formation at right angles, and the dip is about 30degrees, and to the East. The hanging wall is Slate, and the foot wall Talc. numerous assays have been made, which show that the vein is rich in gold.

INCORPORATED AND STOCKED.

A company has been formed in Spokane, under the title of The Fort Steele Mining Association. and incorporated under the statutes of the State of Washington. the capital stock is $600.000. Wm. Ridpath is President. Col, W.D. Turner, Vice President. H.E. Houghton, Secretary and Treasurer, This company is formed for the purpose of working the following mines; Lillie May. Lost Lode and the McKinlay Mine. also includes the water right, and mill site located in connection with the above claims. The lead is about three feet in width, and has been traced for 800 feet on the surface. there is a tunnel in some 40 feet. with several smaller cuts or tunnels. Assay returns show that the quartz is rich, and samples run $94.35. $64.50. and the wall rock assayed $4,50. in gold. The property is situated on Shepard Gulch, a tributary of Wild Horse Creek. Chas. Lentz, is General Manager at Fort Steele.

PLACER MINING.

Some time last fall, R.C. Dore, one of the Pioneers of Wild Horse, and parties from Montana. formed the company known as the International Placer Mining Co. This company was formed for the purpose of working some placer ground on Wild Horse creek. Mr. Dore was well acquainted with the ground and induced a Mr, Sprague to look over the situation and sample the gravel; the result was the forming of the above named company. They have a tunnel in 220 feet, and have cut two quartz ledges while running the tunnel. The company expect to reach the old channel in about two months. Mr. Dore located the first claim on Wild Horse. and has been in the country since 1864. and has taken out more gold than any other person in this vicinity.

NORTH STAR

The crystalline formation in the North Star shows wire silver in large quantities, and judging from the specimen presented to us, there is no doubt of the assay return of 17.000 ozs in silver.

On the Midnight, Messrs Usher and Watson, are engaged in extending the tunnel, with Carbonates and some galena to cheer them on.

MINING ASSOCIATION MEETING.

The Fort Steele Mining Association will hold its next regular meeting next Saturday the 8th inst. of February.

ABOUT TOWN.

The snow is about gone, and the indications are that Spring is close at hand.

Mr, and Mrs. Mathers gave a delightful party to a select number of invited guests, during the early part of the week. dancing was indulged in until the midnight hour.

The contract for the Bull River bridge is let. The contractors will start in at once and complete the bridge as soon as possible

We understand that a change is to be made in the management of one of the hotels at an early date.

General Manager Lentz of the Fort Steele Mining co, with several men, will commence on the companies property at once.

Prospectors should put their property in shape for inspection, clear out the tunnels and drifts, develope it as much as possible so that it will show just what there is in the property.

The mining association association should by a standing committee see that no wild cats locate in and around Fort Steele.

The prettiest prospect that we have seen, came out of the quartz, from the Dardenelles, there was at least 15$ in gold in the pan.

The largest ledge of gold bearing quartz is on the Gold Hill property. the ledge is 200 feet in width, and extends for the entire length of the claim.

R.C. Jennings and a number of men are working on the Hill Over and the Deane.

If you want good mining property come to Fort Steele. if you want come, correspond with the Fort Steele mining association, Thomas McVittie. Sec. Fort Steele B.C.

A.P. Grace located an extension to the Hope mine one of the Sullivan group, on the 13th of Jan.

There have been three locations recorded since the 1st of Jan.

We have been informed, that Mr. S. Skertchly will shortly return to England.

We have learned that the Bald Mountain mine, has been sold or bonded to a Chicago syndicate. We will give a full report of what has been done in our next issue.

We understand that the skating match is off.

Tommy. Frizzell came down from the Dardenelles on Friday.

Fresh oysters at Carlin & Durieks.

Subscribe for the Prospector.

CARLIN & DURICK.
Successors to
Carlin & Lake, Fort Steele B.C

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FREIGHT, GOLDEN TO FORT STEELE.
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Class, B. $2.50.
Class, C. $2.00.
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[illegible] PER DAY OR [illegible]

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When you come to Fort Steele

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GOOD CIGAR.

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THE [illegible] HOUSE.

[illegible] B.C.

[illegible] ANYBODY.

[illegible] SON, Prop.

THE [illegible] STORE.

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