

BOSSLAND WEEKLY MINER

IN AND ABOUT GREENWOOD

THE BOUNDARY DISTRICT FAVOR-ED WITH UNUSUAL STORMS.

Costing \$2,000.

Italians Causing Trouble With Some Miners-A New Church to Be Built

Greenwood, Aug. 19.-James Wilks, organizer for the Western Federation of

Greenwood, Aug. 15.-[Special.]-There Miners, has been here for several days and has been an unusual amount of rain in last night organized a union at Phoenix, the Boundary district for the past week. and held a meeting tonight for a similar In the experience of the oldest residents purpose. He reports a successful mission. there has never been seen anything like Dr. Douglas, son of William Douglas, it at this time of year, which is usually a Q. C., Chatham, Ont., arrived today from very dry and hot period. The rains have the Yukon, with a view to settling in this interfered a good deal with business and part of the country. He says that so far practically stopped travel for a day or as the medical profession in Dawson City is concerned it is very much overdone. The city, too, is contrary to all expecta-

William Douglas, Q. C., of Chatham, Ont., a prominent barrister of Ontario, arrived in Greenwood on Sunday and will tions, very healthy this summer. The swamp is quite dry, and very few cases of sickness have occurred. There are few, I spend a week or two in the district visitany, new people going into the country ing his son, and will incidentally look Taking it on the whole a few hundred have made stakes, but the great majority ing his son, and will incluentally look into the mining possibilities of the Bound-ary. He says that the boom is not con-fined to British Columbia; but has extend ed throughout Canada, there never havhave made little or nothing. McDonald, the Klondike king, broke himself by go ing into all kinds of investments, and while he had the largest interests in the ed throughout Canada, there never nav-ing been such a period of prosperity. Its influence being particularly felt in Ontario, and not less among the farmers. All the manufacturing establishments are working to their full capacity. An important strike has been made on the Morrison mine at the depth of 220 feet, a body of 20 feet of solid ore baring been encountered, vielding from country he had a good deal that was

country he had a good deal that was worthless, and was generally overloaded. The firemen held another meeting ast night and requisitioned the council for a hose wagon, a team of horses and a driv-er, and elected officers. They made ar-rangements for a firemen's ball, to take place on the evening of Labor Day, Sep-tember 4th

220 feet, a body of 20 feet of solid ore having been encountered, yielding from \$13 to \$33 in gold and some copper. Yesterday a row occurred at Boundary Falls between some Italians and a pros-pector named Donigan. There are two stories. The Italians say that Donigan threatened to shoot them, and pointed a gun at several. Donigan says he shot at a dog which attacked or threatened to attack him and then the Italians cath-ered about him and made all kinds of tember 4th. Mr. Mathison, superintendent of the Deaf and Dumb institute, Belleville, Ont, arrived today to visit his son, Dr. R. Mathison. He is very much pleased with the country. He reports the institution of which he is the head as steadily prog-ressing. Before vacation there were 260 on the roll. Nearly all the old pupils him and made all kinds of have done well. threats. Both parties interviewed the The B. C. Wholesale Liquor company

magistrate, and it is not known yet what The B. C. Wholesale Laquor company, just organized with a capital of \$30,000, has opened in Greenwood with R. Grieg-or, late of Rossland, as manager. It is the intention of the company to erect a will be the result. Donigan says he wil have to leave if he does not get protec-

A paid chief, W. E. Henton was appoint de at a salary of \$100 a month, to devote his whole time to the department. When the equipment is complete according to programme Greenwood will be thoroughly establishing branches there. At the preprotected from fire. A splendid system of water works has been inaugurated and the business men are looking to a re-regulation in regard to platting townsites duction of insurance rates as a conse by which every fourth block is reserve

duction of insurance rates as a conse-quence. At a meeting of the Presbyterian con-gregation last evening it was decided to build a new church costing about \$2,000, the lots for which have already been se-cured in a very central location. As soon as work is started, three churches will be in process of erection, the Methodist, Baptist and Presbyterian. The Catholics have had a good building for some time. Over \$100,000 worth of new buildings are in course of erection, many of them substantial business blocks, including several brick structures.

substantial business blocks, including several brick structures. W. A. Campbell and John -cGregor, representatives of eastern capital, it is understood have secured from Wood & Galloway, the townsite owners, an option on the Boundary Falls water power, and the town, the is possible that business may be over-

west fork. While the party were there they heard of a big strike of quartz carrying copper pyrites on Cranberry creek and another on Boomerang creek Ore Bodi the progress and prospects of their propthe progress and prospects of their prop-erties, and with the country generally so that as they had an opportunity of judg-ing. Mr. Whitney as is well known, is one of the large capitalists of the United States. Clyde Graves and his tutor, the Rev. B. C. Roberts, are on a tour of the und definition of the large capitalists of the United States. Clyde Graves and his tutor, the Rev. B. C. Roberts, are on a tour of the model which will compute two years. [637] world, which will occupy two years, leav-ing San Francisco in September by way of the Orient.

Both the west form and the main river are experiencing a boom, and another year, Mr. Keith says, will put these two places among the rich mineral camps of the Boundary country.

in British James Wilkes, organizer Columbia and Washington for the West-ern Federation of Miners, has arrived in Greenwood for the purpose of organizing the miners of the mining camps in Boun-dary. There already exists a number of union men in the mines, and Mr. Wilkes confident of organizing strong unions.



CHAT WITH MAJOR EDWARDS LECKIE OF REPUBLIC CAMP.

Montreal Capitalists Inspecting the Properties of the Boundary District-The Republic Mine Looking Well.

Grand Forks, B. C., Aug. 18.-[Special.] -Major R. G. Edwards Leckie, the su-perintendent of the Republic mine, who is also directing the development work on the B. C. mine in Summit camp, is in town. Speaking about the latter prop-erty, this well known but conservative mining engineer said: The work hither-to has been to develop the ore bodies on the 50-foot and 150-foot levels, and to determine the best point at which to sink a permanent shaft. At first it was thought best to sink on the northern por-tion of the property, but recent develop-ments have disclosed a large ore body to the south. As a result, the present shaft will be continued to a lower depth. The ore taken out thus far exceeds 5,000 tons, ore taken out thus far exceeds 5,000 tons, averaging \$25 per ton, and will more than pay for the development expenses. Two shipments of the ore of one ton each were sent to the Northport smelter for experimental purposes. The first lot gave a return of 16 per cent copper, 9 ounces of silver and \$100 in gold. The second

ing properties in the camps about have been secured including ores from Camp McKinney. There are six large boxes full, in all about haf a ton of the very full, in all about haf a ton of the very finest specimens go direct to Ottawa, where they will be assayed and forwarded At lest night's meeting of the council the fire department will be provided, including linen hose, a fire alarm, hose and ladder trucks, bei-mets and coats, hydrants and a fire hall. feet, crosscut to the vein, if necessary, of Slocan lake, on Slocan river, at the and drift on the vein, opening up the ore head of Snow creek, and on Upper Ar and the cost of treatment at Trail. Al-lowing a large margin for mining and other expenses, I estimate the cost of extraction and treatment at \$10 a ton, leaving a net margin of \$600.000. The

James Ross, the Montreal millionaire, and McCuaig, Rykert and company, purchased the mine in Jaunacy last upon the report of Major Leckie, for \$300,000, the report of Major Leckie, for \$300,000, from C. H. Harrison and E. Barchard. "I recently visited," added Major Leckie, "the Rathmullen group of caunt in Summit camp, about half a mile from the B. C.. On the Maple Leaf there is a well defined quarks vain. As my this

Ore Bodies By R. W. Brock, Ottawa, Canada. Within the limits of this paper it is of course impossible to do more than take a brief and general survey of a field as extensive and varied as West Koote-

nay. It is proposed merely to review briefly some of the observed facts re-lating to its geology so far as it is connected with the ore deposits, and to the ore deposits themselves, and to indicate to some extent their practical bear ing. Some of these observations may have been already recorded, others have been suggested as being probable now stand confirmed in the light of fur ther study. If any apology is needed for such a restatement let it be that such observations have a direct econo-mic importance, for anything that contributes to a more exact and definite conception of the nature and mode of forconception of the nature and mode of for mation of a group of ore deposits has a commercial value, since it makes pos-sible more intelligent exploitations of the particular members of the group, and particular members of the group, and more accurate forecasts, beyond present workings, of their probable form and extent. In discussing the ore deposits, while it is possible to separate them into a number of different classes, it is here proposed to touch upon merely some general features. The progress, prosper-ity and possibilities of the district are now so well known, and can be so elo-quently supported by statistics, that it

quently supported by statistics, that it is quite unnecessary to go into such matters. and in some other portions of the and trict darker types are, however, to be met with. This system of dykes seems to have immediately preceded the formation of the ore deposits. Geologically the district is a complex Younger than this system of dykes and the ore bodies, and consequently cutting these, are the "black dykes," a group of consisting of several series of crystalline schists and stratified rocks, dyked, meta-

Columbia valley.

morphosed by, and caught up in multi-farious eruptives, which in turn treat each other in like manner. The crystallamprophyric and basaltic dykes. The above constitute the main groups of rocks of the district so far as connected with the ore boares. They present many facies which have not been here noted. Other rocks occur, as compara-tively fresh andesites, diabases and such volcanics, but these have not been ob-served to be connected in any way with the one denosite. line and stratified rocks, while limited in distribution, include a considerable variety. There is a series of gray gneisses, mica schists, quartzites, crystalline limestones and dolomites with old intercalated crushed igneous rocks. These rocks have been referred to as of probable the ore deposits. Archaean age. They occur typically de-veloped on Kootenay lake north of 'rawford bay, and the West Arm. They are also found on the north end tetradymite, molybdenite, argentite, ga-lena, altaite, hessite, chalcocite, stromehead of Snow creek, and on Upper Arrow lake. Numerous small inclusions of gneiss in the eruptives in various portions

of the district may probably be also referred to the Archaean. A series of slates occurs, more or less altered to mica, staurolite and andalu-site schists, with bands of greenish

schists, quartzites and dolomites. This series has been classed with the Niscon-lith series of the Cambrian. It is most largely developed in the southern portion of the district where a band several miles leaving a net margin of \$600.000. The development of the mine, of course, is only in its infancy. Regular stipments of ore will be commenced in Jauaars. "The new plant will not be instailed u.til the C. P. R. reaches Sum at camp. It comprises a 20-drill air compressor, two 80-horse power boilers and a large hoist." in width, interrupted once or twice

its mouth at Waneta. It is also found in a narrow band north of Kaslo, paral-lel to Kootenay lake, a few miles inland. Rocks which may also be referred to this series occur near Deer Park, on Cariboo creek near Burton City, and on Carloo creek near burton city, and on Upper Arrow lake. This series is overlain by a great thick-ness of rocks that have been classed with the Selkirk series. They are found east

the elements themselves remain practic one place the ores should be mostly silver-lead minerals, and in another mostly auriferous iron and copper ones, or why in one place there sho of the Salmon river on the divide be-tween the Salmon river and Kootenay lake at the head of Wild Horse, Sheep etallic sulphides and little gangue, and the B. C. On the Maple Loar there is tween the Salmon river and Kootenay a well defined quartz vein. As my visit was unofficuial I did not take any samples for assay purposes. The development for assay purposes. The development for half its length. They are also found for half its length to take any samples and Lost creeks and down Summit creek for half its length. They are also found

omic minerals.

pre-Pliocene.

being in places syenitic or dioritic, but ap dence. In a paper by Gwillim and Johnparently having a prevailing granitic habit The feldspars are often large and porphy-ritic in which case it is very striking and Science, the following analyses are pub-easily recognizable rock. When crushed, lished: as it sometimes is this porphyritic facies makes a beautiful augen gneiss. It occurs Si O 2..... in large and small areas throughout the entire district and is intruded through Fe 2 O 3..... 70.70 60.09 17.20 18.25

6.73 3.18 all the older rocks. A typical develop 'Mg O 0.47 ment of this rock may be seen at Nelson. Cu O. 8.24 Another granite, younger than the gray, is the older red granite, a very feidspa-thic rock found on Lower Arrow take H 2 0...... not esti'd " near Deer Park, and elsewhere along the 101.41 98.61

(a) is an analysis of the country rock, a Under the head of younger etuptives may be grouped a series of rocks which facies of the gray granite. (b) is an analysis of a horse of this rock

show a wide range of structure and com-position ranging from plutonic to volcanin an ore deposit. As the localities of the two specimens ic types from granitic to at least dioritic. They are sometimes developed in quanare not given, an exact comparison between the analyses cannot be fairly made. tity, as the younger red granite along Lower Arrow lake and also near irail creek, and northwest of Rosslard. As dykes they occur n almost every part of the country rock to which (b) belongs. the district, cutting all the older rocks he district, cutting all the older rocks would probably be sufficient, if estimated the white porphyries. These are usually the white porphyries. These are usually white, compact dykes varying in size from broad masses to little stringers which cut sharply through the country alkalies are here practically absent. In the unaltered gray granite their percent-age is high. So that in the horse the rock. So far as is yet known, in struclarge percentage of alkalies has been practically removed, together with the ture and composition they appear to greater part of the lime and a large part range from rhyolites to diorite porphy-ries, including felsites, granophyres, granof the iron, while there has ben a corresponding raise in the percentage of mag nesia, alumina and sil This is the alteration to be expected in a rock subjected to thermal waters containing such reagents as carbonic acid and sulphuret-ted hydrogen.

MERCHANTS' BANK OF HALIFAX.

It Will Open Its Branch in Republic on Saturday Next.

Republic, Aug. 13.-[Special.]-Austin Corbin, with his telegraph chief, was here a few hours to permanently locate his telegraph lines and railroad outlets. Young Austin has a claim and referred to his father, D. C., who, he thought, might take a trip up here. At any rate the young man was well pleased with the camp, and satisfied with his investments here, which are developing in good shape. The San Poil north drift has turned out very satisfactory, and a winze will be started to a depth of about 500 feet, 200

feet below the present workings. In the Blacktail they are liable to The economic minerals which may be strike the vein at any time, as stringers found in the ores are also various, as the following list shows: Native gold, silver, of quartz are constantly in the face. The shaft of the Gopher is down 110 copper and arsenic; stibnite, bismuthinite, feet, and a new shaft may be started. The north drift of the Delta at the 70 foot level is being run along the hanging yerite, sphalerite, cinnabar, greenockite, wall. The pay chute runs from a few pyrrhotite, bornite, chalcopyrite, pyrite, inches to over a foot in width, and aver-ages from \$40 to \$50. gersdorffite, marcasite, arsenopyrite, dana

The Morning Glory shaft is down 90 feet and the ore body continues carry-ing, it is claimed, the usual values.

tershorme, marcaste, arsenoprite, daha ite, jamesonite, pyragyrite, proustite, tetrahedrite, tennantite. The gangue is principally country rock, quartz, siderite, calcite, sphalerite. Oxidation products The Merchants' Bank of Halifax will calcite, sphalerite. Oxidation products of the metallic minerals, such as the oxpossibly open next Saturday, with R. S. ides, carbonates, sulphates, are found in Cunie, of Lunenberg, N. S., as manager, and J. S. Mackay of the Rossland branch the weathered zones. The above list could probably be enas accountant. At present everything

larged, but it will serve to show the variety and general character of the econ points to Republic as an absolute Can-adian camp. The rich mines are held by them, and they have an eye on the pos-sibilities—and the bank. There is the cool calculator who takes no chances. The character of the ores varies more or less with the district, thus in the Rossor less with the district, thus in the Ross-land ores the auriferous iron and copper sulphides predominate, in the Slocan the lead and silver minerals with argentifer-ous tetrahedrite are characteristic, while the Nelson district mineralogically as geo-logically lies between the two. But while in the different portions of the district there is considerable variation in the relative proportions and mineralogical combinations of the principal elements, the elements themselves remain practice He knows its resources and the mines. The stages met with a mishap today and upset near town. A man named Smith had his leg broken in two places, and other persons were slightly bruiséd.

THE FIRST SNOWFALL.

Eight Inches Fell on Record Mountain-A Curious Summer.

The present season beats anything in the way of weather in the memory of the oldest inhabitant. As a matter of fact, the summer has been like winter, as for about a month there has been a metallic sulphides and little gangue, and in another the value should be in a small quantity of sulphides and much gangue, or why the silver and gold tenors should vary so, are points which cannot yet be



Two Dollar

2.12

3.36

IN THE OTH A Good Strike Ha the Silv

THE CARNATION

The Emerald Claim Been Bonded for \$2 is Shipping Two Ca _Other Notes.

The Slocan divis creasing the number and it begins to los not be long before prevailed. East Ko the front and ther work in progress th new properties. continues to be the tivity on account of railroad into that shipment of ore shortly be expecte lowed by others unt the output of ore should compare made by some of th Appended is the su

SLOCAN

The Oro Gold taken a bond on the second north fork of ledge is a free mill very good specimen containing considera taining considera are 12 men working The work done now tunnel of 141 feet a on the ledge. They one car of ore. The Evening Star The Evening Sta tions on the first have the site of their This will be 1,000 f tion they will comp from Springer creek A force of six me Duchess group on property consists of near the Alpine. grade free milling now driving a tunne The Last Chance v The Last Chance ations with a small to be put in. A lower tranel Ajax Fraction. An rails were sent up t A good strike was in the west drift McGuigan basin. Th continuous along th two to ten inches two to ten inches, nearly two feet of Eleven men are wo -Paystreak. The Carnation gr Jennie, Violet, Vi tion and Minneha

pires on the 13th of October. There is dary falls. said to be some difficulty in the way of an extension as the Dominion Copper company have in view the power and franchise in question, and it is thought that the latter is favored by the city in

that connection A number of merchants and hotel keepers of Greenwood are making ar rangements to start branches of their with a membership of 54, and one at business in Phoenix, the new stown in Greenwood camp, where the Knob Hiu, and several other large properties are holdited. Phoenix is about four and a dary country, and Mr. Wilks is very

half miles from the city. Paul Johnson, Mexico, and John O.

Norbom, San Francisco, arrived here today. Johnson represents New York capsts who are interested in the Moth between 2,500 and 3,000 union men in Lode mine, two miles from here. As has the Canadian Northwest. The object is Lode mine, two miles from here. As has been announced, he has come to erect a smelter somewhere in the vicinity of Greenwood. However, beyond the fact that it has been decided to erect a smelt. Two centlemen are in Greenwood with of British Columbia, both in the province metalliferous mines. Two gentlemen are in Greenwood with er as soon as the railway is in and mach-inery can be put in place, there is noth-ing definite to report. Mr. Johnson's first business will be to select a site, and after he has fully acquainted himself with all the local conditions plans will be prepar ed and the contract lets. So far it has been decided to erect a 250 ton furnace, er as soon as the railway is in and mach been decided to erect a 250-ton furnace, and to enlarge the plant as required up to a capacity of 2,500 tons a day if neces-sary. The first cost will be about \$100, incorporation of the board of trade has at last been received from the secretary, and that body is now duly organized. A 000. In reference to power and water these are matters of detail and are not specially important factors. The smelter meeting for the election of officers will be held on Wednesday night, and for the will, in all probability, be three or four transaction of other miles from Greenwood on Boundary creek. Mr. Johnson built and ran the Hall smelter at Nels n for a time, and since then rebuilt and operated a smelter in Mexico, with a capacity of 1,200 tons nared the plans for a large smelter in California. He arys Boundary will be the plane where degreat melters in construction will model and be constructed. The one nor projected methods are standed in the construction of the co a day, the largest in America, and just before coming to British Columbia pre-

on the Boundary Falls water power, and the franchise for the electric lighting of the city, and state that they propose to install a plant as soon as it can be ob-tained from the manufacturers. They are endeavoring to secure an extension of the franchise from the city, which ex-pires on the 13th of Cetober. There is in source in the content of the source in the content of the president, J. M. O'Toole. There is and negotiations are now going on tow-ards that end. It is outle possible that the company taking hold of the tramwar will also have the electric lighting and power franchise in connection with Boun-ties on the 13th of Cetober. There is

The shart is being the cone' ded, "The Republic nine," he cone' ded, "is looking well, Development work is going on in the north end of the prop-erty. No. 4 tunnel is being driven in at the rate of 12 feet a day. This is won-the top of the single machine. The

Wilks, the organizer of the Western Fed-eration of Miners Rossland host the Vestern Fed-

eration of Miners, Rossland, has had very good success in his mission here, and has organized two unions, one at Phoenix with a membership of 54, and one at Greenwood with a membership of 44. These are the first unions in the Boun-dary country, and Mr. Wilks is very well satisfied with these numbers for a beginning. He is going to Camp Mc-Kinney, and expects to organize unions there and at Fairview. So far there are

be secured." Clarence J. McCuaig, the well known Montreal mining man, will shortly re-visit the Slocan, Republic and the Boun-dary country. It is reported here that his western trip will be undertaken heredu with a view to a compromise

largely with a view to a compromise with the miners and the early resump-tion of work in the Payne mine. Mr. Wilkes, the organizer of the Miners union, was in town today. He is engaged in forming branches of the union through-out the country. Speaking about the situation in the Slocan, he said: "I expect to see work resumed in the mines ery shortly. One thing is certain, the eight-hour law will not be repealed." camps around here. In this connection it may be stated that the certificate of

Alexis Martin, of the firm of Langley & Martin, Victoria, barristers, and broth-er of Justice Martin, came in on a flying trip to Greenwood last night and goes out today. He is returning from a trip

east of Kootenay lake from about hart creek to near Gray's creek. They also occur in a band west of Upper Kootenay lake, succeeding in a westerly direction the Archaean and Nisconlith rocks. This band, north of Kaslo, gradually tapers as it continues southward till it runs out near the West Arm.

On Summit creek they are apparently overlain by a great volume of quartz and mica schists which extend eastward to Kootenay lake. These are classed as Upper Selkirks.

Another important group of stratified rocks is that known as the Slocan series. They consist of a group of dark and banded rocks composed of tuffs and ash rocks with some impure slates and lime-stones. They occur all around the north end of Slocan lake, southward cut by one or two grapite houses as for an end of Slocan lake, southward cut by one or two granite bosses, as far as Four-Mile creek, and eastward to the forks of Kaslo creek. From here a band extends south to the West Arm

forks of Kaslo creek. From nere a forks of Kaslo creek. From nere a band extends south to the West Arm between the band of Selkirk rocks and a great granite mass. Similar rocks also continue formed by mineralizing solutions, which followed lines of fractures, dissolv-which followed lines of practures, dissolv-

The varied as are the schists and strati-fied rocks the eruptives show still greater complexity. Among the oldest and most important, economically, is the Colum-bia group of volcanics. This group in cludes porphyrites of various kinds, mou-zonites. diabases, gabbros, breccias, tuffs, agglomerates and dark, fine-grained slatey ash rocks. The monzonites are interesting rocks, both on account of their petrographical peculiarities and also as being the country rock in the War Eagle, Le Roy and other Rossiand mines. It is a peculiar type of rock re s eight-hour law will not be repealed."
A DARING BURGLAR.
He Made Several Attempts to Enter the Residence of J. E. Saucier.
As announced in The Miner a couple of days ago, J. E. Saucier, the jeweller, left town for the Fort Steele country to look after some mining interests three. Before leaving he had his stock of jewel- lery brought to his home on Davis street and Le Roi zvenue. On Monday evening Mrs. Saucier went up town, leaving the Columbia, where they extend east.
as being the country rock in the War Rossland mines. It is a peculiar type of rock referred to the syenite family. It exhibits wonderful differentiation ranging according to relative proportions of feldspar and colored constituents through syenitic dioritic and gabbroitic types. Along the border of a mass it may present even a many of the large deposits cores of the unaltered country rock still remain; the country rock near the deposit has often when the Rossland district, and also east of in places until it almost amounts to complete to many feedback and the state indice cash deposited and replaced, then another, until of the original rock only a skeleton of quartz remains, and finally this is almost completely or wholly replaced. But even if the process had not been exposed as in the example above, in many of the large deposits cores of the in many of the large deposits cores of the been silicified, producing "capel" like bands. This silicification has proceeded in the Rossland district, and also east of in places until it almost amounts to complete the silicified in the Rossland district and so the set of the store and the country to constituent is the silicification has proceeded in the country to complete the set of the set of the store and the set of the set

it may be remarked, however, that the couraged and come into the settlements production of the quartz vein appears to have been about the last in mineralizanave been about the last in mineraliza-tion; also that in places it appears that the country rocks exerted some chemical influence, causing the deposition of iron and copper sulphides in the massive rocks and the silver-lead in the fragmental but

and the silver-lead in the fragmental, but extent the use of horses, and the camp equipage of a prospector consist usually of that which he can pack on his back. A party returned yesterday from this has not always been the case. As to the age of these deposits nothing

Record mountain and reports that there is eight inches of snow there. Most of it fell on Monday night and yesterday afternoon. This is pretty early for the first snowfall, and shows what an ab definite can be asserted, except that while the evidence tends to show that they are comparatively recent, they are certainly

On account of their comparatively recent formation and the fact that the factors which determined the deposition normal season the present one is. Usually it is late in October before snow bewere physical rather than chemical, they gins to fall. There is still hope, notwith-standing this fall of snow, that the weather may clear up and that there will yet be a couple of months of clear weather before the snow comes to stay.

ONE HUNDRED EDITORS.

A Big Party of Eastern Pressmen Will Be Here on Friday.

The Canadian Press Association excursion, which will arrive in Rossland on Friday evening, will be met by the city council and a delegation of local press-men and the city band, which has been placed at the disposal of the council for the occasion. The visitors will be conducted to the various hotels, where ar rangements for their accommodation will be made The committee of the association having informed the council that too short ir stay would be too allow them to attend their any quet or entertainment noth to banquet On Saturday morning carriages will be provided, and the excursionists will be taken to the nearest mines and to points where good views of the camp may be obtained. Handsome souvenir badges will be provided by the council. About 100 of the tourists are expected to come to Rossland.

DEATH IN THE RAPIDS.

It Was Frank Rickard Not Engineer Tache Who Was Lost.

Victoria, Aug. 22 .- There is no truth in the report published here tonight and no doubt telegraphed to other points that J. C. Tache, engineer of the public works department, had been drowned in Five Arrow lake in the neighborhood of Deer Park, and up Cariboo and Snow crecks behind Burton City. Tyounger than, and cutting all the rocks so far mentioned, is the gray granite, the commonest rock of the district. It is a biotite-hornblende granite usually, but not always gray in color. It varies considerably in texture and composition, ally the same throughout. But why in

tion and Minneha week to Lorenzo The group adjoins covers the ground ide. Under the ormer owners, P. Burns, \$6,000 w on the claims and ed. Work will b

A crosscut tunne the Galena claim immediately by the The work will be No. 4 tunnel of t which it is calcula which it is calcula at 1,500 feeet, givin feet. An air drill riving power from pressor. Work w mediately. It is e will be completed On the Omega d William Beattie, t tunnel in 175 feet, The workings have the way and on the way and on to were taken ou on the same ledge six men working. the ledge in man good ore hodies. been taken out fr nel is being run is of a very high Work has been tunnel on the Ivan ing 900 ounces. Work has been tunnel on the Ivan in to tap the led feet from the apen give a depth of 300 and 120 feet below this level. The t long. Forty tons is th out from the Lak This ore consisted from Silverton to

Noonday mine of vertonian. This ments for the yea to 480 tons, and b shipped from Sil the present year ores so far shipp been heavy galen say that it has silver and over 4 so the value of th the mines of Silv the world can be

News has been ogan mine at Pe of rich copper w

BOUNDA

the property. to the Trail week. The tunnel The tunnel on wood camp has about 625 feet i some nice lookin up. Drifting bo is the work not determine the stu A fine lump

00 and 500 p undary Creek