

The Island Copper Deposits

A Victorian Scientifically Reviews Details of Nearby Mineral Lodes.

Unique Characteristics in Many Cases Associated With These Prospects.

W. M. Brewer, in Engineering and Mining Journal.

Until within the past two years but little attention has been given to the outcrops on the West Coast of Vancouver Island, and their copper content.

During the past few months the writer has been engaged in examining the various outcrops on the West Coast of Vancouver Island, and their copper content.

Usually this solid sulphide ore carries low values in gold. Probably an average of \$2 per ton would be fairly representative.

Although the outcrops of magnetite are usually quite persistent in length, especially in the case of the outcrops in the igneous dikes, yet the writer has failed to find any instance where the lodes can be traced for any considerable distance without a break.

Usually when the outcrops are found on the contact between the crystalline limestone and igneous rocks, they are not traced as readily along the line of strike as when they occur in fissures.

The writer has observed several places where the outcrop of magnetite iron ore occurs in the crystalline limestone.

So far as the grade of the various outcrops is concerned, there is but little, if any, difference between those occurring on the igneous rocks, on the contact or in the limestone.

The belt of country in which the crystalline limestone and the igneous rocks occur forms a very interesting geological feature.

Smelting In Montana.

The Enormous Waste Attending Present Methods of Treating Ores.

Modern Plant to Save Half Million Annually to One Owner.

Butte, Mont., Oct. 7.—The tourist who journeys from Spokane to Butte in a Northern Pacific palace car is borne for nearly an hour along the shores of Pend Oreille lake.

An imaginary line, drawn from Saanich Inlet, on the southeast coast of the island, and extending north along the head of the Alberca Canal, and thence to the northwest coast of Quatino Sound, would practically mark the divide.

CLINTON, Oct. 7.—The town of Clinton is situated 32 miles north of Ashcroft, in Cut-off valley in the Lillooet district, surrounded by the Cascade mountains.

Mrs. Marshall, of the Smith & Marshall house, is another of the old standbys of the place.

All the freight for the Cariboo country has to be carried through the town. Freight wagons are somewhat "snugglers" to the Cariboo road; they come in heavily laden with goods.

When any part of the body isn't doing the work it was intended to do, it gets out of harmony.

When the present system of smelting is replaced with up-to-date concentrators, the waste attending the present method of treating ores will be reduced to a minimum.

Whether the new masters of the great smelting works of Montana will be able to do this, remains to be seen.

School Board In Session

North Ward Teachers Protest Against Prizes for Competitive Work.

The Deaf Mute Proposition—Teacher Appointed—A New Janitor.

Briefly, there came up in the way of business at the regular meeting of the board of school trustees last evening.

Trustee Belyea, in moving the acceptance of the resignation of Mr. W. L. Grant, referred to the resignation of Mr. W. L. Grant.

FOR DEAF MUTES. Next came the letter of Miss Merritt, addressed to the city council and referring to the school trustees with the request that some plan be formulated whereby assistance might be given towards the maintenance of a deaf mute school.

Trustee Marchant thought the matter should be carefully considered by the board.

Trustee McCandless was of the opinion that all members of the board would like to see such a school established.

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A SALARY MATTER. Mrs. Speers, a teacher in the South Park school, asked that her salary be placed on the same basis for first assistant as that of the city doing the same work.

PRIZE COMPETITION. The following letter from the principal of the North Ward school was read and referred to the managing committee.

Ladies and Gentlemen: On reading the report of the last regular meeting of the board, I was very much surprised to find the paragraph dealing with competitors.

Will Build A Steamer.

V. & S. Railway Thus to Provide for Service to the Islands.

The Amur Brings News of a Big Gold Discovery on the Skena.

Mr. T. W. Paterson, manager of the Victoria & Sidney railway, when asked yesterday as to what was being done in regard to furnishing the islands of the Gulf with a steambus service, said that the delay had been caused by the company's inability to find a suitable steamer for the work.

INDUSTRIOUS BOYS. Physical instructor St. Clair also had an interesting report to read to the superintendent as follows:

GOLD DISCOVERY ON SKENA. Big Quartz Found at Keesha Canyon That Will Be Immediately Developed.

News of another gold find in the North was received yesterday through the arrival of the C. P. N. steamer Amur, which tied up at the outer wharf at 11 in the afternoon.

BRITISH BARK KIRKILL READY TO PROCEED TO SEA AFTER SECURING CREW. Bark Ivy has gone up to the Hastings mill in tow of the Lorne.

REMOVAL OF BUOYS. Can Beacons on Ripple and Hewitt Rocks Will Be Permanently Disposed of.

THE LIBBIE DAMAGED. Victoria Sealer Struggles With Elements When About to Enter Ounahaska.

GOSSIP OF THE WATER FRONT. The United States survey steamer Gedney spent yesterday in port replenishing her lockers.

BOER ACCUSATIONS. Pretoria, Oct. 14.—(Delaware mission.) Heavy fighting on the north of Mafeking.

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