Zinc and Other Minerals

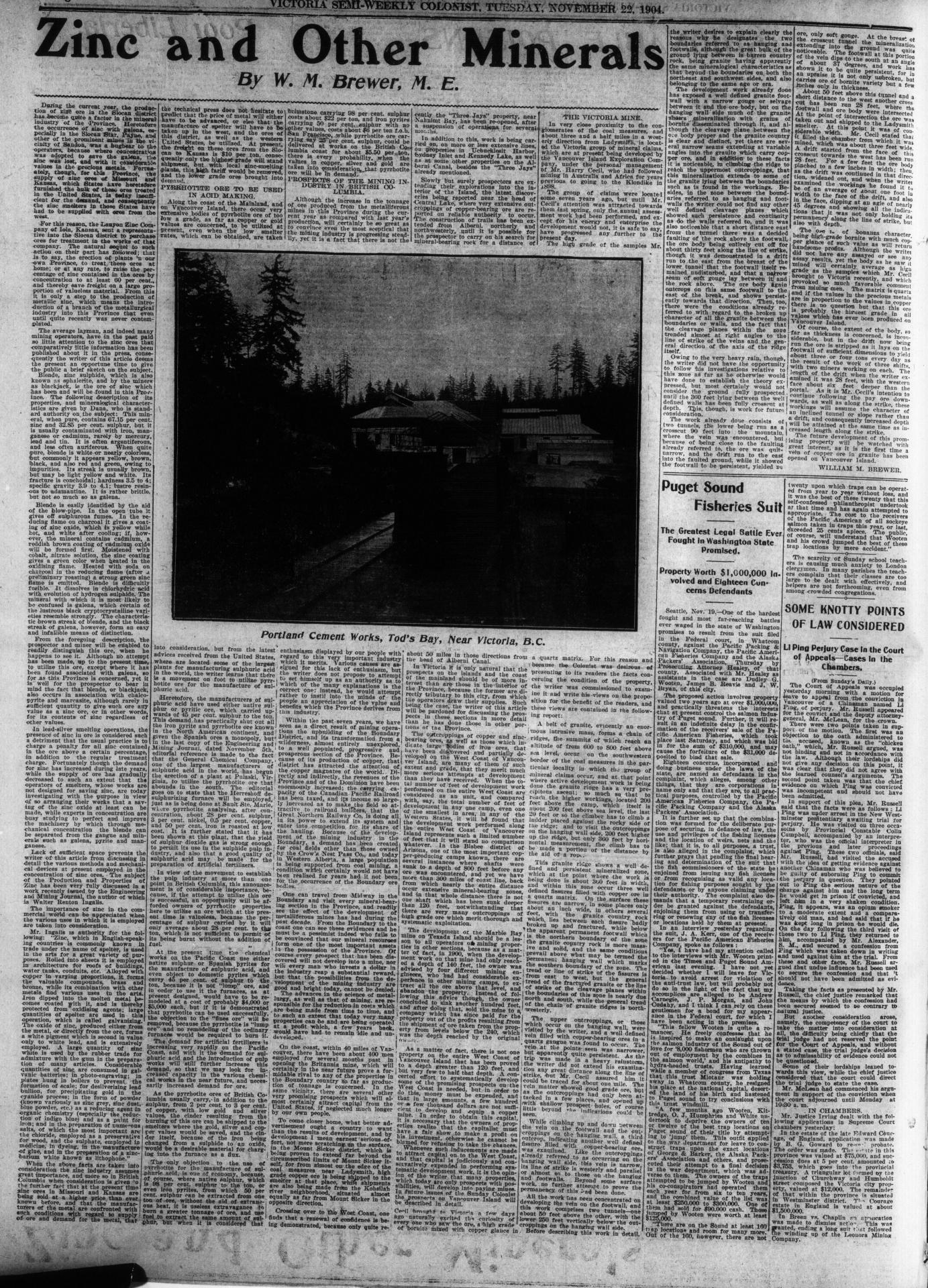
west.

For this reason, the Lauyon Zinc Company of Iola, Kansas, sent a representative into the Slocan district to purchase ores for treatment in the works of that company. The natural sequel to such action on their part has followed; that is to say, the erection of plants in our own Province, to treat, these ores at home; or at any rate, to raise the percentage of zinc contained in the ores by concentration to at least 60 per cent, and thereby save freight on a large proportion of valueless material. From this it is only a step to the production of metallic zinc, which means the introduction of a branch of the metallurgical industry into this Province that even until quite recently was never contempolated.

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The average layman, and indeed many mining operators, have in the past paid so little attention to the zinc ores that comparatively fittle information has been published about it in the press, consequently the writer of this article deems the present an opportune time to give the public a brief sketch on the subject. Blende, zinc sulphide, which is also known as sphalerite, and by the miners as blackjack, is the ore of zinc which has been and will be found in this Province. The following description of its properties, and mineralogical characteristics are given by Dana, who is standard authority on the subject: This mineral, when pure, contains 67.15 per cent. zinc and 32.85 per cent. sulphur, but it is usually contaminated with iron, manganese or cadmium, rarely by mercury, lead and tin. It is often argentiferous, and less often auriferous. When quite pure, blende is white-or nearly colorless, but commonly it appears yellow, brown, black, and also red and green, owing to impurities. Its streak is usually brown, but may be light yellow and white. Its fracture is conchoidal; hardness 3.5 to 4; specific gravity 3.9 to 4.1; fustre resinous to adamantine. It is rather brittle, but not so much so as galena.

Blende is easily identified by the aid of the hlow-pine. In the onen tube it



Puget Sound

Fisheries Suit

The Greatest Legal Battle Ever Fought in Washington State

Promised.

I wenty upon which traps can be operated from year to year without loss, and it was the best of these twenty that this self-confessed philanthropist undertook at that time and has again attempted to appropriate. The cost to the receivers of the Pacific American of all sockeye salmon taken in traps this year, or last, exceeded 25 cents apiece. The public, of course, will understand that Wooten and his crowd jumped the best of these trap locations by mere accident."

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Prepare For The Session

Government at Ottawa Getting Ready for Opening of Commons.

Dominion Election Act May Be Amended Respecting Ballot Marking.

Training Ships for Education of Sellors and Naval Cadets

From Our Own Correspondent.

Ottawa, Nov. 23.—Estimates for the next session are being prepared in the departments. The government expects the granting of supply will be the chief business of the session as there is no government legislation of any importance, except, perhaps, a few amendments to the Dominion Election Act, suggested by experience of the recent polling. It is not unlikely that to avoid a repetition of the error which cost the Liberal candidate in Wentworth his seat the initialing of the ballots by the deputy returning officer will be done away with. It is contended by some who have had long experience in the working of election laws that the stamping and numbering constitute a sufficient transmit guarantee against the substitution of fraudulent ballots, especially as the sofficial ballot is now printed upon specially marked paper under federal supervision.

The Canada the new fact environce of the substitution of the canada the provision.

The Canada, the new fast cruiser o The Canada, the new fast cruiser of the Dominion fishing fleet, will be sent to the West Indies on a cruise this winter for instructional purposes.

It is now said that Mr. Justice Killam of the Supreme court may be appointed chief of the railway commission to succeed Mr. Blair.

Amendments to the acts defining the duties and responsibilities of harbor commissioners are being prepared by the department of marine.

Mr. Blair says nothing definite is settled as to his assuming the managership of the Toronto Roller Bearing Company.

raining ships at various ports for education of sailors and cadets for the Royal navy. Details of the scheme have not been completed as yet, but officials of the department of marine and fisheries are working on them.

The postoffice department has issued a notice advising "Persons who receive letters that have been missent or delayed to preserve the envelopes and send them specially direct to the deputy postmaster general with any information in the case that may be of service to the department in making an investigation."

ALLEGED LABOR UNION CONSPIRACY

Explanation of an Auto Trayedy in a Small Illinois Town.

Chicago, Nov. 23.—A labor union conspiracy is the latest explanation of the auto tragedy near Lemont, Ill. According to this theory, John W. Bate, Jr., the chauffeur, was the victim of bullets intended for Edwin Archer, a vitel witness of the preservition.

and who was freed by a change of court records. The alteration of the records was discovered and led to the conviction of a court clerk and several officials of labor unions on a charge of conspiracy.

Other cases were still pending, Archer's testimony today laid all these facts before the state's attorney. "Dove" is said to have avowed himself an electrician while casually explaining his identity during an attempt to hire a horse

A TRAIN WRECK IN THE SOUTH

can while casually explaining ins identity during an attempt to hire a horse and buggy in Joliet the day after the tragedy.

Passenger Special Collides With Freight With Disastrous

Noxie, Ark., Nov. 22.—Passenger train No. 17, southbound from St. Louis, known as the Hot Springs' special, on the St. Louis, Iron Mountain and Southern railroad, today ran into an extra freight train which was taking the siding at Swifton, twenty miles south of here. Harry Wells, the fireman on No. 17, was burned to death, and Engineer A. Degire, of the same train, was badly hurt, his arm being broken. Four persons, whose names were not obtainable, were seriously injured. Fifteen others were bruised and otherwise slightly injured. The passenger engine was demolished and three coaches and four freight cars were burned. The wreck was caused by the density of the smoke from forest fires, making it impossible to see twenty feet ahead. The estimated loss is \$100,000.

New York, Nov. 23.—Altogether 163 bids for the issue of \$25,000,000 of corporate stock of the city of New York at 3 1-2 per cent., to mature in 50 years, were opened today by Comptroller Grout. The largest bid, for the full amount, was that of Wm. Solomon & Co. Coupled with Lazard Freer, they offered to take all, or any part, of the issue at the rate of 102,401.

TEDDY'S CONGRATULATIONS.

St. Petersburg, Nov. 23.—Emperor Nicholas has received a letter from President Roosevelt congratulating him upon the birth of an heir, and tendering good wishes for a successful and