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**WASTEFUL MINING WARNED AGAINST TIMELY ADVICE**

**Interesting Topics Discussed in Conservation Report**

The annual report of the Commission of Conservation, just from the press, is a very comprehensive affair, and evidences a degree of industrious application to public duty, which is commendable. It covers a wide field, embracing practically every item that may properly be classified under the name of created or primary wealth, and is particularly interesting to those who follow mining pursuits. The following extract is taken from an article on wasteful mining, and is worthy of serious attention.

**Results of Wasteful Mining.**

"While we cannot hope to increase our mineral resources by any process of conservation, it is of the greatest importance that, in working them, all waste should be avoided. The losses which have been sustained in other countries from lack of care and thought in this respect are enormous. Dr. Douglas estimates, for instance, to take only one example—that at the Rio Tinto mines in Spain, in a period of some thirty years, through an unskillful treatment of the ore, about 7,000,000 tons of sulphur, valued at not less than \$70,000,000, were wasted, while through modern improvements in the method of handling the

ore about 1,000,000 tons of sulphur are annually saved to the world which would otherwise have been burned and served simply to pollute the atmosphere. The same writer points out that only some sixty per cent of the hundreds of millions of dollars yielded by the Comstock lode was recovered at the time, and at first the enormously rich tailings were not even collected, such was the haste of the miners to empty that stupendous deposit which should have made Nevada prosperous for generations instead of whirling the whole country into a mad dance of reckless speculation.

"The primary cause of a large part of the waste which has taken place in mining enterprises is over-capitalization. This necessitates a large output at any sacrifice if the dividends are to be paid on the whole amount. Over-capitalization thus demands over-production, which in its turn almost invariably involves waste at some stage of the progress of the metal from the mine to the consumer. On the other hand, a lack of sufficient capital to develop a mineral deposit in the proper manner has in more than one case in Canada led to serious waste, since in the endeavor to make the mine pay the cost of its own development as mining proceeded, only the richer ore was taken out, leaving the leaner portions of the deposit in positions which rendered subsequent extraction difficult or impossible.

**Mining of Metallic Minerals.**

"It may be stated, however, that in Canada at the present time the waste which is incurred in working our deposits of metallic minerals is small. It is, as a general rule, to the miner's interests to extract his ore completely and to avoid waste. Certain losses

take place in the concentration of ores by allowing values to pass away in the tailings. But in recent years, the methods of concentration have been greatly improved and the tailings are much lower in grade than in former years. It is doubtful whether there is in Canada at the present time any considerable waste in the concentration of metallic ores which can well be avoided. Furthermore, where the tailings, as in certain places in the Cobalt district, while still containing in the aggregate large amounts of metal, are too low in grade to permit of further extraction at the present time, they have, on the suggestion of this Commission, been stored in such a way that if, in the future it becomes possible to treat them again for the further extraction of their metallic contents, they will be readily available for that purpose."

**Local Red Cross Regular Meeting**

The regular meeting of the local branch of the Canadian Red Cross Society was held at the Goldfields Hotel, Timmins, Tuesday, November 16th, 1915, with thirteen members present.

The secretary's report was read and approved.

The treasurer's report was as follows:—

Receipts	
Donation from employees of the North Thompson, collected by W. L. Brady	\$76.25
Membership fee, Mrs. H. B. Lee	2.00
Donation	2.00

Per cent from subscription... .30

Bills Paid	
Merehandise	\$15.17
Phone for Wool	.70
	\$15.87
Balance in bank	\$460.66

A motion was made by Mrs. Chapman and seconded by Mrs. McInnis to annul a previous motion to pay for materials being made up.

It was moved by Mrs. Brough and seconded by Mrs. Saneton to pay bills to date, as follows:—

Maleolm	\$103.50
Mrs. Brown	1.00
Mrs. McInnis	1.00
	\$105.50

Mr. A. J. Hagan donated two pairs socks towards the shower.

Meeting adjourned until November 23rd, 1915.

E. J. REID, Secretary.

An article of great value in Red Cross work and one for which the society is entirely dependent upon the generosity of the women, is old white material.

Old linen and cotton must be boiled before shipping and old flannel must be absolutely clean.

The local branch is very anxious to be able to send to the front a generous shipment and urges the women of the district to send to the local headquarters at the Hotel Goldfields all that can possibly be spared.

The Society specially asks that all materials be turned in as promptly as possible to the Goldfields Hotel.

**ROBBINS HISTORY IN TABLOID FORM INTERESTING DATA**

**Sketch of General Manager of the Hollinger Mines--Brilliant Career of Busy Man**

An interesting sketch of Mr. P. A. Robbins, general manager of the Hollinger Mines, is one of the features of the current issue of the Canadian Mining Institute Monthly Bulletin. It is always interesting to know something of the history of our leading men, and the reproduction of this sketch, which follows, will be read with even greater interest by the public of Timmins and the Porcupine district, where his present activities lie.

Mr. P. A. Robbins was born in Chicago, of British parentage, in the year 1874. In 1894, before attaining his majority, he graduated from Cornell University in mechanical engineering. He commenced his professional career by spending two years in the employ of the Philadelphia Traction Company. His association with mining dates, however, from 1897, when migrating to the Transvaal, he was first engaged in the head office of S. Neumann & Co., and later

at the gold mines of the Vogelstruis Deep, Consolid. Main Reef, Knight's Central, Witwatersrand Deep, Nigel Gold Mines, Limited, and Sheba Gold Mines, Limited. After passing three years on the Rand, he was for a time agent of the General Electric Company at Durban, Natal. During the succeeding five years he was consulting engineer and, at times, acting general manager of DeBeers Consolidated Mines Limited, consulting engineer to Indwe Colliery, Imperial Cold Storage Co., and DeBeers Explosive Works, and concurrently, for four years was examiner in connection with the junior and senior engineering courses at the University of the Cape of Good Hope. Upon returning to the United States some nine years ago, Mr. Robbins engaged in general practice in New York, and also contracted for the sinking of pneumatic caissons for foundations in that city. He assumed the general management of the McKinley-Daragh-Savage mines at Cobalt in 1908. The successful results achieved under his direction at that property are, of course, well known. They were conducive to his appointment, four years ago to the general management of the Canadian Mining and Finance Co., Limited, and its subsidiaries owning the Hollinger, Aeme and Millerton gold mines at Porcupine. During these four years the development of the Hollinger has resulted in its becoming the premier productive gold mine in Canada and one of the important gold mines of the world.

Mr. Robbins is a member and corresponding member of Council of the Institution of Mining and Metallurgy; a member of the Mining and Metallurgical Society of America; a life member of the American Institute of Mining Engineers; an associate of the American Institute of Electrical Engineers; an associate of the American Society of Mechanical Engineers; and a member of respectively the Engineers Club of New York and of Toronto. He became a member of the Canadian Mining Institute in 1912, and was elected a councillor for a two-year term in 1914.

**At The Empire The Season's Scream**

Lawrence D'Orsay, alias The Earl of Pawtucket, alias Lord Cardington, alias Montgomery Putnam, will be the great attraction next Monday and Tuesday, at the Empire, and those who have had the good fortune to see this apostle of Beau Brummelism in person on the stage, need not be told that an hours laugh is ahead of those who see this set of Universal films.

He is deceptively English, furiously funny and most interesting. He is one of those chaps, don't cher know, who can carry a stick at just the right angle and knows how and when to put the crook over his left arm. He has made such progress over here—that he can now drink beer-ah without permitting a single strand of his weeping mustaches to kiss the froth. And, by jove, old chap, they'll tell you in Lannon it's a problem that takes a bit of thinking, yer know. But, he can sip or pour tea with equal ease.

He's a dear fell-lo, yer know, just the sort of a chap you like to lunch with, for he sips his soup so softly and he tells such delightfully funny stories. In fact, he laughs you right into paying the check, cigars and all. Then you invite him to come along the next day! That takes a bit of doing, yer know.

The "Earl of Pawtucket" was written for Lawrence D'Orsay by Augustus Thomas, and had he not lived, the world would have been denied one of the best comedies ever written.

ADVERTISERS IN THE ADVANCE SHOULD MAKE SPECIAL NOTE THAT ALL CHANGES FOR THEIR ADVERTISEMENTS MUST BE IN THE OFFICE AT TIMMINS NOT LATER THAN WEDNESDAY EVENING BEFORE SIX O'CLOCK

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