



THIRD ANNUAL MEETING

OF

The Ontario Mining Institute

The Third Annual General Meeting of the members of the Ontario Mining Institute, was held in the Rossin House, Toronto, on Tuesday evening, 3rd March. There was a fair attendance. Mr. J. J. Kingsmill, Vice-President, in the chair.

After the minutes had been read and confirmed, the Treasurer, Mr. T. W. Gibson, submitted the financial statement, which showed a balance on hand of \$145, with outstanding assets amounting to \$203. The report was adopted.

New Members.

The following were elected Ordinary members.

F. S. Wiley, Port Arthur.
J. P. Williams, Toronto
H. B. Proudfoot, Toronto.
J. Van Sommer, Toronto.

Student Members.

The following were duly elected student members.—

A. H. A. Robinson, Peterborough.
E. Anderson, Grimsby.
A. P. Tye, Toronto.
George Johnson, Castleford.
W. W. Hull, Georgetown.

The Federated Board.

THE SECRETARY reported the proceedings and resolutions adopted at the first meeting of the Canadian Mining Institute, held at Montreal, on Friday 10th January, 1896. The report was confirmed with the following recommendation: That with respect to the invitation to the Iron and Steel Institute, the Federated Institution of Mining and Mechanical Engineers, and the American Institute of Mining Engineers, to hold a meeting in Montreal, 1897, the Federated Board be requested to make such arrangements as will not interfere with the meetings of British associations for the advancement of science.

The Duty on Mining Machinery.

Mr. F. S. Wiley moved, seconded by Mr. B. J. Townsend, that the Secretary be authorized to communicate with the Hon. the Controller of Customs at Ottawa, with a view to securing for another period of years a renewal of the present law, which expires in May, respecting the admission, free of duty, of mining and smelting machinery not manufactured in the Dominion.—Carried.

The remainder of the session was occupied by the discussion on the paper by Mr. J. H. Chewitt, B.A., Sc., C.E., on "The Financial Aspect of Mining," reproduced elsewhere in this issue.

Meeting at the Parliament Buildings.

The Institute re-assembled on Wednesday evening, 4th March, in the commodious and comfortable reception room at the Parliament buildings, which was kindly placed at the disposal of the Institute. In addition to a fair attendance of members, there were many members of the Legislature present. Mr. James Conmee, M.L.A., Port Arthur, President, occupied the chair.

THE PRESIDENT, in his opening remarks, regretted the fact that there was not a greater activity in mining in Ontario. The cause of this backwardness was not altogether the lack of capital, or skill, but in his judgment was to be found largely in the want of confidence in the mineral resources of the Province on the part of the moneyed men. Our people have taken so small an interest in mining and know so little about it that very few are at ease in investing their money in mining enterprises. He was free to say, and it would be borne out by anyone who had a knowledge of mining in the upper portions of Ontario, that there had never been a gold or silver mine started there and conducted on a business basis that had not been a financial success. Those who had operated their properties speculatively and for the purpose of selling stock had not always been successful. There were few cases where there had been so much actual wealth won for the amount of capital invested, and he knew of none where work had been performed in a business-like manner that had been so well rewarded. There were today a number of mines in Ontario working successfully, among them the Sultana, which had paid for itself from the first. It would be to the advantage of all classes of the community to have this promising industry in Ontario expanded. Nothing would bring greater prosperity or commercial stability to the Province than activity in mining. It would be found that in other countries less favored than our own, those who engaged in mining were better paid than those employed in agriculture. He did not intend to occupy time, as a number of interesting papers were to be read, but he might express the hope that there would be a greater interest taken in the mining industry of the Province, not only by members of the Institute, but by the public men of the country. He believed it would be a good thing

if some of the papers read before the Institute were to treat of the best method of mining the metals from the earth and of turning the gifts of nature to commercial advantages.

The following papers were then read:—

ONTARIO AS A MINING COUNTRY

By Dr. A. P. Coleman, Toronto.

THE VALUE OF COMPLETE ANALYSIS OF ROCKS AND MINERALS.

By Dr. W. L. Goolwin, Kingston.

MINING IN THE THUNDER BAY DISTRICT.

By Peter McKellar, Fort William.

EXPLORATORY WORKING WITH THE GOVERNMENT DIAMOND DRILL.

By Mr. T. W. Gibson, Toronto.

IMPROVEMENTS IN THE DRESSING OF GOLD ORES.

By Mr. F. Hille, Port Arthur.

Mr. J. J. KINGSMILL, Q.C., Vice-President, expressed the pleasure he had felt in listening to the interesting and instructive paper which had been read by Prof. Coleman, who along with the other officials of the Government, had always been ready to render every possible assistance to the Institute since its work began. He had been asked two or three times: "What is this Mining Institute? Who are you, what are you doing, and how are you doing it?" There were a number of gentlemen present who were not members of the Institute, and for their benefit he would say that the Institute was composed of men who had joined themselves together for patriotic purposes. He had almost said philanthropic purposes, for what they were doing was not for their own benefit merely, but for the benefit of the people of Canada. (Hear, hear.) In the Institute there were no jobs, no mileage, no passes—nothing of the kind. (Laughter.) What they were trying to do was to teach the capitalists of the country that if they will invest their money in a careful, proper and business-like way in the mining industry, they have an opportunity of securing a better return for it than in any other way now open to them. They were trying to assist the men actually engaged in mining by calling their attention to the best and simplest ways of winning the metals or minerals of which they were in search. They were endeavoring to get the Government of the country to realize that there is a magnificent prospect before us, and that there is immense wealth lying undeveloped in our mines. The way in which the Institute sought to achieve its aims was by the preparation, reading and discussion of papers bearing on the various aspects of the mining industry, which were printed not only in the volumes of transactions issued by the Institute, but also in the columns of THE CANADIAN MINING REVIEW, a paper which would commend itself to any one who would take the trouble to read a single issue. The Institute had joined hands with similar associations in Nova Scotia and Quebec, and there was now one federated Institute for the Dominion of Canada. He felt satisfied that the Ontario Institute, though young in years, had done not a little to attract attention to the important industry of mining, which they all so much desired to see in a thriving and prosperous condition. (Applause.)

Election of Officers.

President:

Mr. J. J. Kingsmill, Q.C., Toronto.

Vice-Presidents:

W. J. Motley, Regina Mine, Ltd., Rat Portage.
J. Burley Smith, M.E., Rat Portage.
Jas. McArthur, Canadian Copper Co., Sudbury.
Hon. E. H. Bronson, M.L.A., Ottawa.

Secretary:

B. T. A. Bell, Editor of the CANADIAN MINING REVIEW, Ottawa.

Treasurer:

T. W. Gibson, Bureau of Mines, Toronto.

Council:

A. Blue, Director of Mines, Toronto.
John F. Caldwell, Sultana Gold Mine, Rat Portage.
Herbert C. Hammond, Toronto.
J. M. Clarke, Toronto.
W. Hamilton Merritt, A.R.S.M., Toronto.
G. R. Mickle, School of Practical Science, Toronto.
Dr. A. P. Coleman, School of Practical Science, Toronto.
W. Van Sommer, Toronto.
Dr. W. L. Goodwin, Kingston.

Auditor:

Mr. J. F. Latimer, Ottawa.

Delegates to the Federated Boards.

Mr. J. J. Kingsmill, President.
Mr. A. Blue, Director of Mines, Toronto.
Prof. Wm. Nicol, School of Mining, Toronto.
Dr. A. P. Coleman, School of Practical Science, Toronto.

Secretary's Report.

The Secretary reported that during the past year there had been held two meetings of the Institute, embracing five sessions. On invitation from the General Mining Association of the Province of Quebec, a number of the members of the Institute had also participated in a meeting of that body at Quebec in June, and taken part in a series of enjoyable excursions arranged for the occasion. Six papers had been contributed to the Transactions, and these, together with the discussions upon them, had been published in the Journal of the Institute. The work of publication had been generously assisted by a grant of \$300 from the Hon. Mr. Hardy, Commissioner of Crown Lands. The membership had increased to 90, as compared with 79 in 1895, and 37 when the Institute was organized in 1894.

This concluded the business of the meeting, after which the members paid a visit to the School of Practical Science, where they passed a pleasant hour in the inspection of the new mining laboratory and its small stamp mill and equipment for the reduction of ores and minerals.