

that a very big mining industry will be founded on this deposit. Diamond drill exploration has indicated the presence of several million tons of sulphide ore that may reasonably be expected to be mined at a profit, if suitable transportation facilities are provided.

The surface stripping and 25,664 feet of diamond drilling has permitted sampling and assaying, from the results of which an estimate of 20,000,000 tons of ore has been made. This ore contains, according to the information now available, 1.69% copper and 3.49 per cent zinc as well as small but appreciable amounts of silver and gold. During the present summer shafts will be sunk and underground exploration carried on. It is said that the option is for one year and it may be expected therefore that work will be pushed ahead rapidly this summer.

The development of the Flin Flon property will have an important effect on mining explorations in Northern Manitoba. The work done this year will itself give an impetus to other operations in the district. If the results are satisfactory to the holders of the option and the bigger undertaking of mining and smelting of the ore follows closely on this year's development Flin Flon will soon be the centre of a flourishing mining industry—R.E.H.

WORK FOR THE CANADIAN MINING INSTITUTE

In the address of Mr. J. A. Campbell, M.P.P., before the Canadian Mining Institute, attention was directed to the attitude of Governments towards the mining industry. He particularly referred to conditions which are delaying development of the mineral resources of Manitoba. He pointed out that there is in Manitoba a peculiar situation; the Province does not own its mineral resources, but has a mining law; the Dominion owns the mineral resources of Manitoba, but has no mining law. The Dominion administers the mineral lands through the Department of the Interior, Properties are taken up and operated under regulations instead of under statutory enactments. The Minister of the Interior is empowered to enact royalties and the amount is not fixed.

There is good reason to believe that the Province of Manitoba wants its mineral resources developed and that the present government will do what it can to encourage capital to undertake exploration of properties. There is also good reason to believe that the Dominion Government, and particularly the Minister of the Interior, will be pleased if Manitoba should become an important producer of metals as well as of agricultural products. The prospective investor can be well advised not to overlook Manitoba in spite of the unsatisfactory conditions. There remains, however, a duty which those interested in the mining in-

dustry should not overlook. Unsatisfactory conditions are unnecessary and could be removed by united effort. To advise governments in such matters is obviously the duty of the organization which represents the mining industry of Canada. The Canadian Mining Institute is not functioning fully while it neglects to use its weight in removing obstructions which the pioneers in new districts find in their path.

A few years ago an unusually important discovery of copper-zinc ore was made at Flin Flon lake. Preliminary exploration has proven the deposit to be of great size. It has recently been announced that development of it will be carried on vigorously this year.

It may be taken for granted that the men who have undertaken the work have received ample assurance that they will get a fair deal from the governments concerned, if they proceed with mining and smelting operations and the big expenditure of money which the project will involve. That these men are going ahead with the venture should of itself be encouraging to others, for it is an indication that they feel reasonably certain of fair treatment. There remains, however, the fact that regulations and governments are subject to frequent changes. Statutory laws governing mining in this new district are much to be desired.

That the development of the Flin Flon deposit should prove a success is a matter of interest to the country generally, as well as to the present and prospective owners. If the establishment of a mining industry at Flin Flon is recognized as highly desirable, the respective governments will be supported by the public if they encourage the projects. Does it not seem to be a duty of the Canadian Mining Institute to use its influence towards obtaining recognition of the national and local advantages which a big metal mining industry in the prairie provinces would bring?—R.E.H.

It was intimated by one speaker at the Wednesday morning session of the Institute, that more resignations from the Geological Survey are likely to come soon, if provision for more adequate salaries for geologists is not made. It would be very unfortunate if disorganization should continue so rapidly as during recent months and it is to be hoped that action will be taken to hold together what remains of the Survey staff. Mr. Campbell in his address held out the hope that the revision of the classification, now being considered, may result in better salaries for the staff.

The question as to whether the Dominion Government should retain control of mining lands in the Prairie Provinces was not debated at the meeting. There seemed general approval of the statement made that mining will proceed under either control, provided that a definite understanding and proper protection for capital is obtainable.