

Oil and gas indications are found in the sediments of Cretaceous and Devonian age, both of which are of wide distribution."

It is stated that "the possibilities of the Devonian sediments as a source of petroleum are worthy of consideration." From the point of view of the prospector the McMurray sandstone is so far as present knowledge goes the most important formation of Cretaceous age, in the Mackenzie basin." The writers summarized that little is known of the structure of the Cretaceous formations.

The report on petroleum possibilities is particularly interesting at this time because of the unusual activity in geological exploration for oil this summer. Areas as far north as Great Slave Lake are being carefully examined and drilled.

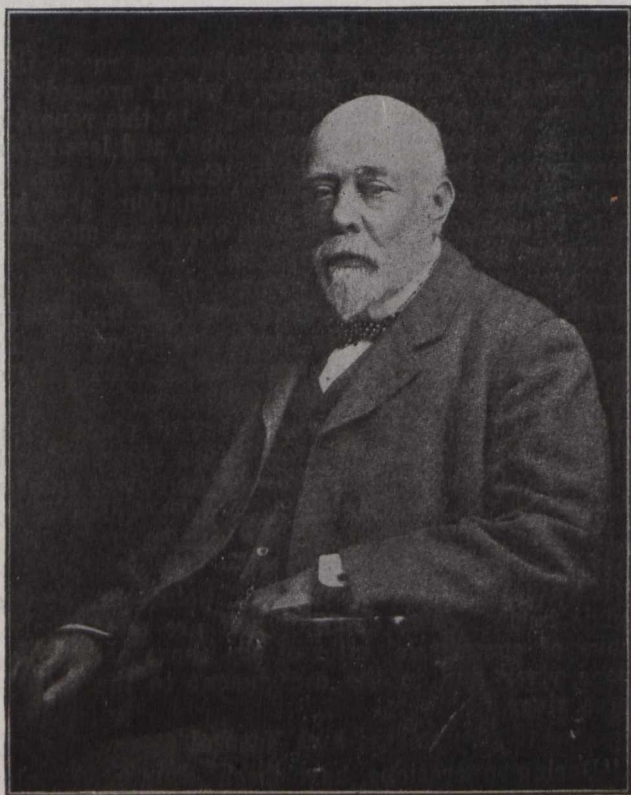
Salt

"Numerous brine springs are found in the Mackenzie basin, from some of which is obtained for local consumption." Several analyses of brine are given in the report.

Pre-Cambrian Areas

It will be noted that most of the known important mineral deposits in the basin are non-metallics. There are however Pre-Cambrian areas concerning which little is yet known. In the central and western part of the area mapped the younger formations predominate, but in the eastern third of the basin there are rocks such as enclose most of the metalliferous deposits of Ontario and the Lake Superior states. —R.E.H.

"It's a hard come down," says Walter Pulitzer, "that the country that produced William of Orange should have to continue to harbor William the Lemon." —New York Evening Mail.



GEORGE BLAKE WALKER, M. Inst. C. E., President of the Institution of Mining Engineers. 1918-1919.

LABOR AND SCIENTIFIC RESEARCH.

The American Federation of Labor adopted the following resolution at its Atlantic City convention:

"WHEREAS, scientific research and the technical application of results of research form a fundamental basis upon which the development of our industries, manufacturing, agriculture, mining, and others must rest; and

WHEREAS, the productivity of industry is greatly increased by the technical application of the results of scientific research in physics, chemistry, biology, and geology, in engineering and agriculture, and related sciences; and the health and well-being not only of the workers but of the whole population as well, are dependent upon advances in medicine and sanitation; so that the value of scientific advancement to the welfare of the nation is many times greater than the cost of the necessary research; and

WHEREAS, the increased productivity of industry resulting from scientific research is a most potent factor in the ever-increasing struggle of the workers to raise their standards of living, and the importance of this factor must steadily increase since there is a limit beyond which the average standard of living of the whole population cannot progress by the usual methods of readjustment, which limit can only be raised by research and the utilization of the results of research in industry; and

WHEREAS, there are numerous important and pressing problems of administration and regulation now faced by federal state, and local governments, the wise solution of which depends upon scientific and technical research; and

WHEREAS, the war has brought home to all the nations engaged in it the overwhelming importance of science and technology to national welfare, whether in war or in peace, and not only is private initiative attempting to organize far-reaching research in these fields on a national scale, but in several countries governmental participation and support of such undertakings are already active; therefore be it

RESOLVED, by the American Federation of Labor in convention assembled, that a broad program of scientific and technical research is of major importance to the national welfare and should be fostered in every way by the Federal Government, and that the activities of the Government itself in such research should be adequately and generously supported in order that the work may be greatly strengthened and extended; and the Secretary of the Federation is instructed to transmit copies of this resolution to the President of the United States, to the President pro tempore of the Senate, and to the Speaker of the House of Representatives.—Bulletin A. I. M. M. E.

PERSONALS.

Mr. R. E. Hore is examining mining claims in Churchill township, Sudbury mining division.

Lieut. H. K. Boysen, who went overseas with the R.A.F., and Miss Lorena Ferguson, of Haileybury, were married recently. They are spending their honeymoon at Barre, Mass. Lieut. Boysen was for some time on the staff of the Tough-Oakes mining company. He came to Toronto to learn how to fly, and soon became a capable aviator. He served on many battlefields. He says he will now give up aviation entirely and devote his attention to the mining business.