

we are proud to do it. Neither the people nor the Government will ever forget the duty to those who are left behind.

"The leader of the Opposition has alluded to the uncertainty of human events, and particularly events such as are before us in the great war which now confronts the Empire and our own people. True, the future is shrouded in uncertainty, but I believe that the people of Canada look forth upon it with steadfast eyes. But let me say that while we are now upborne by the exaltation and enthusiasm which come in the first days of a national crisis, so great that it moves the hearts of all men, we must not forget that days may come when our patience, our endurance and our fortitude may be tried to the utmost. In those days let us see to it that no heart grows faint and that no courage be found wanting.

"In the awful dawn of the greatest war the world has ever known, in the hour when peril confronts us such as this Empire has not faced for a hundred years, every vain or unnecessary word seems a discord. **As to our duty all are agreed, east and west, and shoulder to shoulder, with Britain and the other British Dominions in this quarrel. And that duty we shall not fail to fulfill as the honor of Canada demands. Not for love of battle, not for lust of conquest, not for greed of possession, but for the cause of honor, to maintain solemn pledges, to uphold principles of liberty, to withstand forces that would convert the world into an armed camp, yes, in the very name of the peace that we sought at any cost, save that of dishonor, we have entered into this war, and while gravely conscious of the tremendous issues involved and of all the sacrifices that they may entail, we do not shrink from them, but with firm hearts we abide the event.**" (Prolonged applause.)

ADDITIONAL SILVER.

Mr. Lloyd George has announced that additional silver is being coined in Great Britain.

On August 6 "The Financier," London, said: "According to leading authorities the silver position is not likely to be materially affected either way, despite the probability of the Mint having to augment its output of silver coinage considerably to meet the bulge in paper currency. The suggestion that the production from the Cobalt camp could be accelerated in order to relieve the position does not appear to be practicable, as it is stated that the mines are already producing to their full capacity. It is satisfactory to learn, however, that there will be no curtailment of operations from this quarter. As to whether the portion of the metal which at present is taken by China will be diverted it is difficult to say, but authoritative quarters take the view that it will not be necessary, as the camp should be able to cope with the probable increase in the demand on home account."

MOND NICKEL.

At an extraordinary general meeting of the Mond Nickel Co., Ltd., on Aug 6, a resolution was passed increasing the capital from £1,700,000 to £2,400,000 by the creation of 700,000 seven per cent. non-cumulative preference shares of £1 each. Sir Alfred Mond, M.P., who presided, said the programme of which this increase of capital formed part was arranged long before there was any idea of present events occurring. The object was to raise further capital when opportunity offered for the development of the business.

GRAPHITE IN GOLD ORE FROM KIRKLAND LAKE DISTRICT, ONTARIO

By John A. Dawson.

The occurrence with gold ore from the Kirkland Lake district of a dark material of shining bluish black lustre, has been referred to in several articles in the Canadian Mining Journal. This substance has been sometimes called molybdenite, although the softness and brittleness of this material as well as its association indicate that it is graphite.

A sample taken from Vein No. 1 of Tough-Oakes mine by Mr. R. E. Hore was given to the writer for analysis. This sample weighed 590 grams and was about two by five inches, with a thickness of about two inches. Considerable native gold and pyrites could be seen on the selvage faces and particularly along a thin dark seam throughout the quartz-calcite-chlorite gangue. On the flatter of the two lateral faces, the dark material occurred in thick films over the other minerals. About twenty grams of this black substance was chiselled off and analysed.

On charcoal under the oxidizing flame of the blow-pipe, the material gave a reddish brown residue after prolonged heating. No coating was formed. Upon heating with the ordinary acids, the material was unaltered in appearance.

A quantitative analysis was carried out according to the methods given in Fresenius and in the U. S. G. S. Bulletin, No. 176. Careful tests for molybdenum established the absence of this element. No residue was obtained on igniting the precipitate obtained by adding mercurous nitrate reagent to the weakly alkaline solution of the carbonate fusion of the material, indicating the absence of chromium, vanadium, molybdenum, tungsten, phosphorus and arsenic. Copper was also absent. Tellurium was determined by reduction with sulphur dioxide. Carbon as graphite was estimated by oxidation with chrome and sulphuric acids and weighing the carbon dioxide formed.

From the accompanying analysis it will be seen that gold is present in relatively large proportion and appears to be all in the form of sylvanite (Au, Ag) Te₂, since the percentage of gold, silver and tellurium present correspond to this mineral.

Analysis of black ore from Tough-Oakes mine:

	Pct.		Pct.
SiO ₂	63.05	ZrO ₂	0.02
Al ₂ O ₃	5.02	TiO ₂	0.02
Fe ₂ O ₃	0.02	Te	0.25
CaO	1.00	Au	0.17
MgO	0.43	Ag	0.09
K ₂ O	2.32	C (graphite)	15.03
Na ₂ O	0.60	FeS ₂	10.95
H ₂ O	1.44		
BaO	0.07		100.48

James Berry, a fire boss at the Western Fuel Co.'s Reserve-Shaft mine, situated about five miles from Nanaimo, Vancouver Island, B.C., met with a tragic death on August 12. He fell down a shaft 900 ft. in depth and was instantly killed. Prior to his removal to Vancouver Island two years ago he was employed at the Crow's Nest Pass Coal Co.'s colliery at Michel, Southeast Kootenay.