

MINERAL RESOURCES.

denum. The Imperial Munitions Board has been ready to purchase all molybdenum products at fixed prices.

Tungsten is being mined in New Brunswick on the southwest Miramichi river opposite Burnt Hill brook. The ore is wolframite. In Nova Scotia a mine at Scheelite, near Moose river, which was operated some years ago, was recently re-opened. The ore is scheelite. Tungsten is also found in scheelite ores in Beaver county, Quebec.

Feldspar and Fluorspar.—Deposits of feldspar believed to be extensive have been found in Ottawa county, Quebec, and one of the deposits yields a remarkably pure white feldspar which is used in the manufacture of artificial teeth. Excepting the mining of small quantities for this purpose these feldspar deposits are at present entirely neglected. At Quatachon Bay, opposite Anticosti island, extensive deposits of feldspar are reported. High-grade feldspar is produced in Frontenac county, Ontario. A large deposit of fluorspar has been discovered near Madoc in Hastings county.

Kaolin or China Clay.—Kaolin or china clay of superior quality is obtained near St. Remi de Amherst, in Argenteuil county, Quebec province. There are said to be very extensive deposits. Considerable quantities are being shipped to the United States. There is also kaolin in the Michipicoten district of Ontario, but it is of inferior quality.

Magnesite.—There are three companies mining magnesite in Grenville township, Argenteuil county, Quebec, and one in Atlin, B.C. The superintendent of the steel furnaces of the Steel Company of Canada at Hamilton, Ontario, states that the Canadian magnesite from Grenville, when mixed with ground basic open hearth slag, makes a furnace lining equal in every respect to that obtained from Austrian magnesite which was used before the war. The work of lining can be done more quickly than with Austrian magnesite.

Amber Mica.—Between the Gatineau river and the Rivière au Lièvre, two tributaries of the Ottawa, there are extensive deposits of amber mica or phlogopite especially suitable for use as an insulator in electrical apparatus. There are also extensive deposits of this amber mica on the Ontario side of the Ottawa river, and the deposits in these two Canadian districts are so far as known the only amber mica found in economic quantities outside of Ceylon. Amber mica is found in many localities of eastern Ontario in a district having an area of about 900 square miles. There are a number of mines producing small quantities of mica, the most important being in Frontenac county.

Graphite.—There are indications of graphite in Nova Scotia, in Guysborough, Colchester and Kings counties, but no deposits of commercial importance have yet been recorded. Graphite exists in the counties of St. John, Charlotte, Kings and Westmorland, New Brunswick, but the extent of the deposits is unknown. The St. John county deposits were worked on a small scale for some years, but working is said to have been abandoned on account of water getting into the shaft. Graphite mines are being operated in Ontario at Brougham in Renfrew county, Cardiff and Monmouth in Hastings county, and North Elmsley in Lanark county. The graphite is prepared for the market in mills located near the mines. The quantity produced is not large. There are large quantities of graphite in the counties of Ottawa, Labelle and