

## NATURAL RESOURCES OF THE DOMINION OF CANADA.

**Argenteuil.** The graphite occurs chiefly in the form of disseminated flakes, which often form a high percentage of the rock. A number of mills have been operated in the district. The late Dr. R. W. Ellis, of the Canadian Geological Survey, who made a thorough investigation of these deposits and the method of treatment in the mills, reported that it has been clearly established that the graphite of this district, when treated in properly constructed mills, is eminently suitable for all purposes to which graphite is usually applied, with the exception of fine pencil making. The graphite is said to be particularly adapted for the manufacture of crucibles when properly treated.

**Chromite.**—In the province of Quebec chromite is found in the counties of Brome, Megantic, Richmond, Wolfe and Gaspé. The deposits in the township of Coleraine, Megantic county, have been worked intermittently. A small quantity of chromite has been successfully manufactured into chrome steel by electric smelting at Buckingham. The present production of chromite in Canada is almost entirely in the vicinity of Thetford and Black Lake.

**Manganese.**—In Nova Scotia considerable quantities of manganese are being mined near New Run, Lunenburg county, and smaller quantities near Enon, Cape Breton. Manganese ores have been found in Hants and Colchester counties. In New Brunswick there are deposits in Kings, St. John and Albert counties, some of which are believed to be extensive.

**Mineral Pigments.**—There are many deposits of ochre in the counties to the north of the St. Lawrence river. Near the town of Three Rivers large quantities are dug, and deposits in Nicolet county, on the opposite side of the St. Lawrence, are also being worked. In New Brunswick experiments have shown that fine paints can be made from the stibnite deposits of Prince William, the chalcocite deposits at Dorchester in Westmorland county, the manganite at Mount Jordan in Kings county, the bog manganese at Mechanic's Settlement in Albert county, and the ferruginous clay of Chaplins' island, Northumberland county. It is believed that large quantities of such mineral pigments are obtainable in various parts of the province, furnishing materials for an important paint industry.

**Tin.**—Tin ore has been found near New Ross, Lunenburg county, Nova Scotia, and geological experts have reported rather favourably, but no development work has been done and it is not known whether there are sufficient quantities to be of commercial value. Discoveries of tin have been reported in several localities in British Columbia, but nothing very definite is known about them.

**Gypsum.**—Gypsum deposits of very fine quality are worked in Haldimand county, Ontario, along the banks of the Grand river. Gypsum of high grade occurs in large quantities in Nova Scotia, being found in Hants county, Cumberland county, Victoria county, Inverness county and Cape Breton county. At present the annual output is valued at about \$500,000. In New Brunswick gypsum is mined in Albert, Victoria, St. John, Westmorland and Kings counties, the most extensive deposits worked being those in the vicinity of Hillsborough in Albert county, where there are seven quarries, and large quantities are ground, calcined and shipped out in barrels.