

CHAPTER XII.—MINES AND MINERALS.*

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Historical Sketch.—A short historical outline of the development of the mineral industry in Canada is given at pp. 309-310 of the 1939 Year Book.

Statistics of Mines and Minerals.—The compilation and publication of statistics concerning mines and minerals in the Dominion is carried out by the Mining, Metallurgical and Chemical Branch of the Dominion Bureau of Statistics, which works in close co-operation with the Mines Departments of the various Provincial Governments, collecting the data in collaboration with these Departments. Questionnaires sent to those engaged in mineral industries are designed to meet the requirements of both the Dominion and the Provincial authorities, thus eliminating duplication of labour.

More detailed information on the mineral production of Canada is given in the various reports issued by the Mining, Metallurgical and Chemical Branch of the Dominion Bureau of Statistics.* The more important of these are: annual preliminary reports on the mineral production of Canada; a complete, detailed, annual report on the mineral industries; monthly bulletins on the production of the 16 leading minerals; and monthly, quarterly, and annual reports on coal statistics.

The Development of Canada's Mineral Resources in Relation to the Present War Effort.†

Introduction.

Stone, the single essential war mineral of the many millenniums of the Stone Age, was supplemented by copper and tin in the succeeding centuries of the Bronze Age. Wrought iron, laboriously worked from the small quantities of sponge iron produced from ore on the primitive hearth, probably became available for industrial and war use about 800 B.C. The introduction of gunpowder in the early fourteenth

*The sections of this chapter, with the exception of Section 1, have been revised, as regards production figures, by W. H. Losee, B.Sc., Chief of the Mining, Metallurgical and Chemical Branch, Dominion Bureau of Statistics. A complete list of the publications of this Branch appears in Chapter XXIX, Section 1. Subsection 1 of Section 1 has been compiled from material supplied by the Lands, Parks and Forests Branch of the Department of Mines and Resources, Ottawa, and Subsection 2 of Section 1 from material furnished by the Provincial Governments.

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