

major part of Canadian production. In this field, while no aluminum ores are mined in Canada, with the availability of low-cost hydro-electric power, metallurgical plants for the production, from imported ores, of refined aluminum on a large scale had been established. At the beginning of the War, producers of all these base metals entered into voluntary agreements with the British Government to sell the surplus above Canadian requirements at practically no advance on the low prices prevailing before the War, thus assuring to Great Britain a supply of these essential materials without the risk of advancing prices.

In the case of fuels, non-metallics other than fuels, and structural materials, productive capacity in Canada before the War for many essential minerals was more than sufficient to provide for the then-existing industrial and civil requirements. Thus the expanding demands of war industries and the construction operations necessitated by various features of the war program were readily met.

Canada's mineral production in 1944 was valued at \$482,260,463; this figure was much lower than that of 1943, \$530,053,966, and was the lowest since 1939. The reduction was principally in the metals group. The total value of all metals produced was \$307,336,217, a decrease of 14 p.c. from the production in the previous year; fuels, including coal, natural gas, crude petroleum and peat, amounted to \$99,375,445, an increase of 7 p.c., mainly accounted for by the increased price of coal; other non-metallics showed a decrease of 12 p.c., the figure being \$34,201,090 in 1944 as against \$38,716,568 in 1943; and the production of other structural materials, including clay products, cement, lime, stone, sand and gravel, at \$41,347,711 was slightly lower than the preceding year when it amounted to \$42,010,254.

## 2.—Mineral Production of Canada, 1941-43

Mineral	1941		1942		1943	
	Quantity	Value	Quantity	Value	Quantity	Value
		\$		\$		\$
<b>Metallics</b>						
Antimony..... lb.	3,185,077	445,911	3,041,108	516,988	1,114,166	189,408
Arsenic (As <sub>2</sub> O <sub>3</sub> )..... "	3,538,000	153,195	14,967,874	652,041	3,153,538	254,009
Bismuth..... "	7,511	10,396	347,556	479,827	407,597	562,484
Cadmium..... "	1,251,291	1,469,016	1,148,963	1,355,776	786,811	904,802
Chromite..... ton	2,372	42,679	11,456	343,568	29,595	919,878
Cobalt..... lb.	263,257	255,904	83,871	88,444	175,961	191,407
Copper..... "	643,316,713	64,407,497	603,661,826	60,417,372	575,190,132	67,170,601
Gold..... fine oz.	5,345,179	205,789,392 <sup>1</sup>	4,841,306	186,390,281 <sup>1</sup>	3,651,301	140,575,688 <sup>1</sup>
Indium..... oz.	Nil	-	471	4,710	Nil	-
Iron ore..... ton	516,037	1,426,057	545,306	1,517,077	641,294	2,032,240
Lead..... lb.	460,167,005	15,470,815	512,142,562	17,218,233	444,060,769	16,670,041
Magnesium..... "	10,905	2,944	808,718	355,836	7,153,974	2,074,652
Manganese metal..... "	7,500	2,250	Nil	-	Nil	-
Manganese ore..... ton	Nil	-	435	8,932	48	985
Mercury..... lb.	536,304	1,335,697	1,035,914	2,943,807	1,690,240	4,559,200
Molybdenite concentrates..... "	196,600	88,470	227,586	134,963	784,715	549,515
Nickel..... lb.	282,258,235	68,656,795	285,211,803	69,998,427	288,018,615	71,675,322
Palladium, rhodium, iridium, etc..... fine oz.	97,432	3,396,304	222,573	8,279,221	126,004	5,233,068
Platinum..... "	124,317	4,750,153	285,228	10,898,561	219,713	8,458,951
Pitchblende products..... "	2	925,196	2	3	2	3
Selenium..... lb.	406,930	777,236	495,369	951,108	374,013	654,523
Silver..... fine oz.	21,754,408	8,323,454	20,695,101	8,726,296	17,344,569	7,849,111
Tellurium..... lb.	11,453	18,394	11,084	17,735	8,600	15,050
Tin..... "	64,744	33,667	1,237,863	643,689	776,937	450,623
Titanium ore..... ton	12,651	49,110	10,031	50,996	69,437	308,290
Zinc concentrates..... lb.	82,846	38,712	520,981	406,275	1,508,621	1,083,538
Zinc..... "	512,381,636	17,477,337	580,257,373	19,792,579	610,754,354	24,430,174
<b>Totals, Metallics.....</b>		<b>395,346,581</b>		<b>392,192,452</b>		<b>356,812,760</b>

For footnotes, see end of table, p. 300.