

The quantity of iron ore produced was over 8,500,000 tons higher in 1964 than in the previous year, the mines in Quebec and Newfoundland contributing most of the increase. Nickel shipments were up by almost 16,000 tons and copper by 41,000 tons. New mines in Quebec and New Brunswick helped to raise the output of zinc to 682,000 tons from 474,000 tons in 1963 and to place Canada first in world zinc ore production. Among the metallics, decreases in value of production were shown only by uranium, gold, selenium and tin.

In 1964, non-metallic minerals increased 13 p.c. in value to reach almost \$287,000,000. The greatest contributor was the asbestos industry which shipped \$148,000,000 worth of crudes and milled fibres compared with \$137,000,000 worth in 1963. Although Quebec produced the major portion of the asbestos, substantial amounts were also mined in Newfoundland, Ontario and British Columbia. The value of potash shipments from Saskatchewan increased from \$22,500,000 in 1963 to \$30,660,000 in 1964. Salt in the form of rock salt, brine and fine vacuum salt was produced at a slightly higher level than in 1963 and more than 6,000,000 tons of gypsum were shipped to plaster plants in Canada and the United States. Producers of elemental sulphur from sour gas found export markets for this by-product and thereby reduced the huge stockpiles that had accumulated.

Over \$1,000,000,000 worth of mineral or fossil fuels were shipped in 1964 compared with \$908,000,000 worth in 1963. All fuels contributed to this increase although the major part of it was shown by crude petroleum which accounted for close to 20 p.c. of the total value of the Canadian mineral production in 1964.

Structural materials continued upward at a 6-p.c. rate. The value at the quarry or pit of stone, sand and gravel increased to nearly \$208,000,000 from \$203,000,000 and most of the cement plants operated at capacity, producing a total of 7,745,000 tons valued at \$133,000,000.

6.—Quantity and Value of Mineral Production, 1963 and 1964

Mineral	1963		1964 ^a	
	Quantity	Value	Quantity	Value
		\$		\$
Metallics		1,509,536,931		1,704,622,877
Antimony..... lb.	1,601,253	624,489	1,718,634	866,200
Bismuth..... "	359,125	704,103	387,213	839,725
Cadmium..... "	2,475,485	5,941,164	2,800,761	8,950,213
Calcium..... "	95,673	117,247	158,875	174,762
Cobalt..... "	3,024,965	6,122,169	3,196,322	6,484,255
Columbium (Cb ₂ O ₅)..... "	1,393,444	1,300,009	2,250,000	2,305,000
Copper..... "	905,117,779	284,403,710	988,033,963	328,233,604
Gold..... oz.t.	4,003,127	151,118,045	3,810,738	143,855,362
Indium..... "				
Iron ore..... ton	30,143,649	313,182,963	38,664,583	402,892,490
Iron, remelt..... "		9,246,713		15,954,893
Lead..... lb.	402,329,071	44,256,199	400,770,432	53,863,546
Magnesium..... "	17,810,348	5,357,816	18,041,900	5,592,989
Mercury..... "				22,192
Molybdenum..... "	833,867	1,344,004	1,278,404	1,780,234
Nickel..... "	434,059,725	360,392,658	465,749,775	381,996,719
Platinum group..... oz.t.	357,651	22,585,205	374,988	25,196,159
Selenium..... lb.	468,772	2,273,545	448,750	2,213,182
Silver..... oz.t.	29,932,003	41,425,891	31,111,943	43,556,719
Tellurium..... lb.	76,842	499,473	79,789	508,830
Thorium..... "				
Tin..... "	927,062	648,943	356,074	623,128
Tungsten (WO ₃)..... "				
Uranium (U ₃ O ₈)..... "	16,703,066	136,909,119	13,828,369	85,418,271
Zinc..... "	947,444,980	121,083,466	1,364,048,909	193,285,404
		253,452,413		286,906,692
Non-metallics				
Arsenious oxide..... lb.	187,450	7,498	300,000	12,000
Asbestos..... ton	1,275,530	136,956,180	1,377,079	148,370,312
Barite..... "	173,503	1,603,119	172,415	1,692,400
Diatomite..... "	798	26,830	584	20,360