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PRELIMINARY REPORT
ON THE
MINERAL PRODUCTION
OF
CANADA
1946



OTTAWA
1947

Price 25 cents

MILLION
DOLLARS

VALUE OF
MINERAL PRODUCTION
BY CLASSES
CANADA, 1914-1946

500

400

300

200

100

0

1914'15

'20

'25

'30

'35

'40

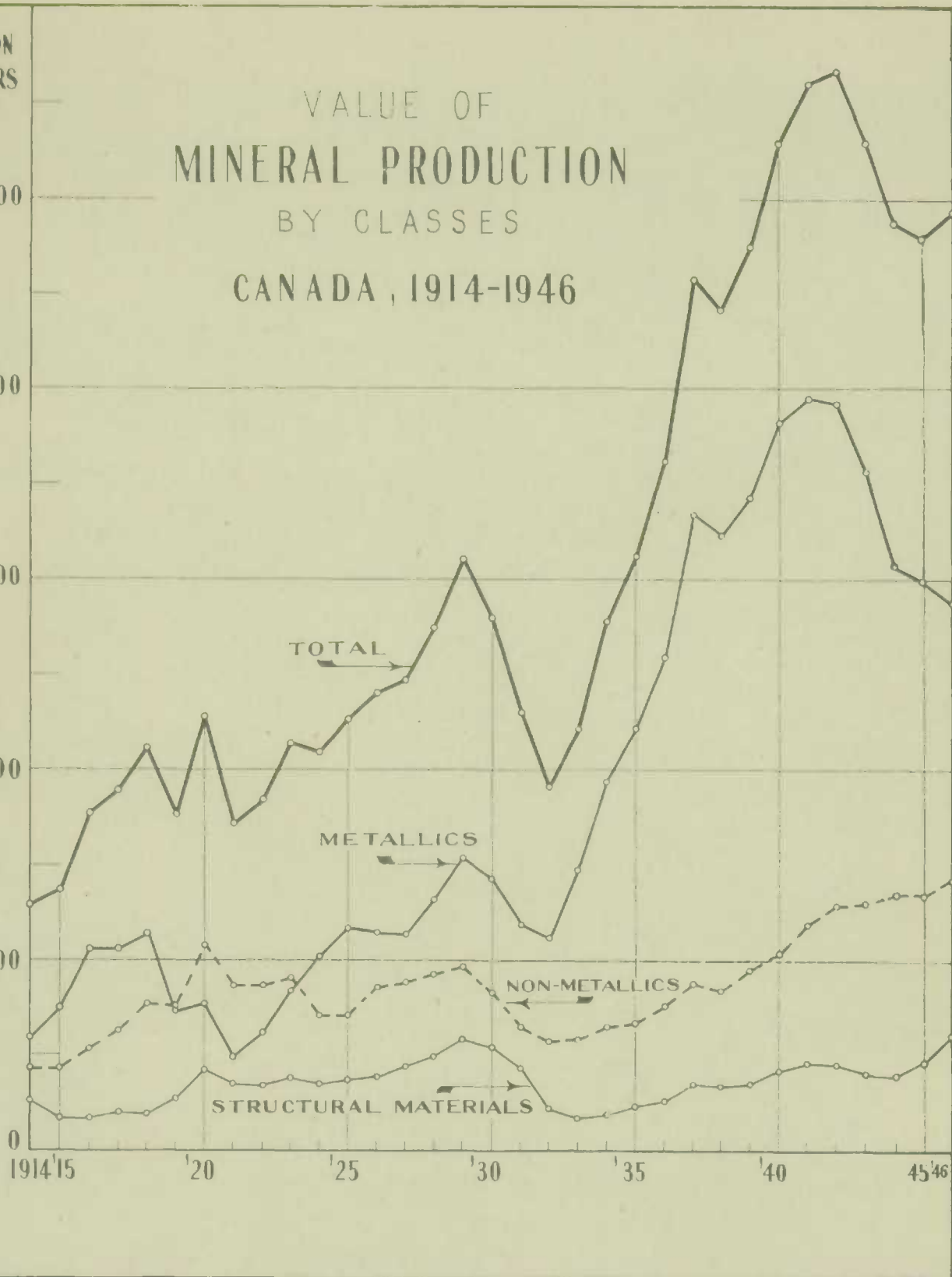
45'46

TOTAL

METALLICS

NON-METALLICS

STRUCTURAL MATERIALS



Dominion Statistician:
 Director - Division of Census of Industry and Merchandising:
 Chief - Mining, Metallurgical and Chemical Statistics:

Herbert Marshall
 W. H. Losee
 H. McLeod

PRELIMINARY REPORT

on the

MINERAL PRODUCTION OF CANADA

DURING THE CALENDAR YEAR 1946

According to information obtained in its year-end survey of Canadian mines, the Dominion Bureau of Statistics estimates the value of the nation's mineral production in 1946 at \$493.8 millions or \$5 millions less than in 1945. The value of the metals group was down 9 per cent to \$289.7 millions, which was the lowest figure since 1936, but clay products and structural materials rose 27 per cent to \$61.4 millions, fuels increased 8 per cent to \$100.7 millions, and other non-metallics advanced 6 per cent to \$41.9 millions.

Recoveries of base metals were considerably lower than in 1946. The tonnage of copper was down 22 per cent to 185,543 tons; nickel dropped 22 per cent to 95,406 tons, and zinc declined 9 per cent to 235,917 tons. Output of lead was up slightly to 177,222 tons.

Gold production in 1946 totalled 2,807,000 ounces at \$103 millions, a gain of 4 per cent in quantity over 1945, but a decline of 6 per cent in value because of the return in mid-year of the Canadian dollar to parity with that of the United States.

Coal production was up 7 per cent in tonnage and 10 per cent in value to 17,632,052 tons at \$74.4 millions, but the quantities of natural gas and of crude petroleum were slightly lower than the corresponding 1945 figures.

All structural materials except lime showed substantial increases over last year, the volume of cement being higher by 34 per cent, sand and gravel 22 per cent, and stone 10 per cent. Brick and other clay products advanced 37 per cent in value to \$12.2 millions.

Table 1 - VALUE OF MINERAL PRODUCTION OF CANADA, BY CLASSES, 1933-1946

Year	Metallics	Coal, natural gas, peat and crude petroleum	Other non- metallics	Clay products and other structural materials	T O T A L
			(dollars)		
1933	147,015,593	47,778,436	10,004,537	16,696,687	221,495,253
1934	194,110,968	54,262,099	10,501,762	19,286,761	278,161,590
1935	221,300,849	54,824,200	12,504,008	23,215,400	312,344,457
1936	259,425,194	59,933,320	16,740,117	25,770,741	361,919,372
1937	334,165,243	65,828,879	22,495,271	34,869,699	457,359,092
1938	323,075,154	64,303,294	20,066,123	33,878,666	441,823,237
1939	343,506,123	70,671,328	25,061,849	35,362,759	474,602,059
1940	382,503,012	78,837,374	26,011,498	42,472,651	529,825,035
1941	395,346,531	85,141,997	34,379,440	45,373,272	560,241,290
1942	392,192,452	92,169,291	36,677,122	45,729,807	566,768,672
1943	356,812,760	92,514,384	38,716,568	42,010,254	530,053,966
1944	308,232,161	97,291,007	37,251,009	42,984,937	485,819,114
1945	317,093,719	93,531,276	39,710,513	48,419,673	498,755,181
1946 (x)	289,704,209	100,734,412	41,987,203	61,414,604	493,840,428

(x) Preliminary.

Table 2 - MINERAL PRODUCTION OF CANADA, BY PROVINCES, 1943-1946

Province	1943		1944		1945		1946 (A)	
	\$	Per cent	\$	Per cent	\$	Per cent	\$	Per cent
Nova Scotia	29,979,837	5.6	33,981,977	7.0	32,220,659	6.5	35,391,301	7.2
New Brunswick ..	3,676,834	.7	4,133,902	.9	4,182,100	.8	4,409,064	.9
Quebec	101,610,678	19.2	90,182,553	18.6	91,518,120	18.3	89,733,358	18.2
Ontario	232,948,959	43.9	210,706,307	43.4	216,541,856	43.4	188,878,977	38.2
Manitoba	13,412,266	2.5	13,830,406	2.9	14,429,423	2.9	16,676,276	3.4
Saskatchewan ...	26,735,984	5.0	22,231,848	4.6	22,336,074	4.5	24,019,399	4.8
Alberta	48,941,210	9.2	51,066,662	10.5	51,753,237	10.5	53,432,386	11.8
British Columbia	68,442,386	12.9	57,246,071	11.8	64,063,842	12.3	73,545,982	15.0
Northwest Territories (x)	2,679,933	.6	1,440,069	.3	470,812	.1	1,016,853	.2
Yukon	1,625,819	.4	939,319	.1	1,239,058	.2	1,736,232	.3
TOTAL	530,053,966	100.0	485,819,114	100.0	498,755,181	100.0	493,840,428	100.0

(x) Excluding pitchblende products.

(A) Preliminary.

Table 3 - MINERAL PRODUCTION OF CANADA, BY KINDS, 1945 and 1946

	1945		1946 (Preliminary)		
	Quantity	Value	Quantity	Value	
		\$		\$	
Metallics					
Antimony	lb.	1,667,951	290,557	685,000	102,750
Arsenic (As ₂ O ₃)	lb.	2,045,730	130,909	745,000	39,100
Bismuth	lb.	189,815	260,047	234,000	327,600
Cadmium	lb.	646,064	639,603	761,400	928,908
Calcium	lb.	22,720	19,312	53,548	75,592
Chromite	ton	5,755	160,752	3,100	58,125
Cobalt	lb.	109,123	90,026	74,902	61,794
Copper	lb.	474,914,052	59,322,261	371,085,128	47,013,560
Gold	fine oz.	2,696,727	103,823,990	2,807,643	103,180,880
Iron ore	ton	1,135,444	3,635,095	1,581,063	4,835,580
Lead	lb.	346,994,472	17,349,723	354,444,076	23,924,975
Magnesium	lb.	7,358,545	1,607,264	323,234	75,350
Mercury	lb.	...	...	...	...
Molybdenite concentrates	lb.	978,117	411,663	751,197	350,032
Nickel	lb.	245,130,983	61,982,133	190,811,179	46,844,738
Palladium, rhodium, iridium, etc.	fine oz.	458,674	18,671,074	114,200	4,758,717
Platinum	fine oz.	208,234	8,017,010	130,400	8,216,504
Pitchblende products .....	...	(x)	(x)	(x)	(x)
Selenium	lb.	379,187	728,039	534,000	902,750
Silver	fine oz.	12,942,906	6,083,166	12,676,928	10,604,250
Tellurium	lb.	484	929	48,200	65,300
Tin	lb.	849,983	492,990	874,000	480,700
Titanium ore	ton	14,147	67,575	1,352	6,830
Tungsten concentrates	lb.	1,153	1,045	...	...
Zinc	lb.	517,213,604	33,308,556	471,833,216	36,850,174
Total Metallics .....	...	...	317,093,719	...	289,704,209
Non-metallics					
Fuels					
Coal	ton	16,506,713	67,588,402	17,692,052	74,418,107
Natural gas	M cu.ft.	48,411,585	12,309,564	46,902,000	11,354,000
Peat	ton	118	1,062	145	1,305
Petroleum	bbl.	8,482,796	13,632,248	7,668,000	14,961,000
Total Fuels .....	...	...	93,531,276	...	100,734,412

Table 5 - MINERAL PRODUCTION OF CANADA, BY KINDS, 1945 and 1946 (Concluded)

	1 9 4 5		1 9 4 6 (Preliminary)		
	Quantity	Value	Quantity	Value	
<u>Other Non-metallics</u>					
Asbestos	ton	466,837	22,805,157	549,497	24,490,695
Barytes	ton	139,589	1,211,403	102,263	1,006,867
Corundum	ton	1,317	150,393	1,190	104,110
Diatomite	ton	46	1,238	88	2,227
Feldspar	ton	30,246	282,656	36,369	338,986
Fluorspar	ton	7,369	233,708	7,554	218,421
Garnet schist	ton	...	...	(x)	(x)
Graphite	ton	1,910	179,001	1,975	201,450
Grindstones	ton	225	10,870	250	15,000
Gypsum	ton	839,781	1,783,230	1,833,717	3,226,000
Iron oxides	ton	10,314	172,053	13,026	148,422
Magnesitic dolomite and brucite	...	...	1,278,596	...	1,282,424
Mica	lb.	7,044,221	253,270	4,522,181	169,780
Mineral waters	gal.	244,761	126,499	240,000	125,000
Nepheline syenite	ton	61,345	275,766	57,000	199,000
Peat moss	ton	83,963	2,011,139	87,149	2,505,835
Phosphate	ton	299	4,356	57	872
Quartz	ton	1,513,628	1,535,458	1,243,825	1,329,224
Salt	ton	673,076	4,054,720	530,250	3,370,511
Silica brick	M	4,208	317,263	3,089	174,304
Soapstone (including some talc)	ton	14,225	153,694	19,152	149,100
Sodium carbonate	ton	286	3,146	210	2,310
Sodium sulphate	ton	93,068	884,322	105,768	1,030,546
Sulphur	ton	250,114	1,881,321	231,476	1,766,119
Talc	ton	12,863	141,194	13,000	130,000
Total Other Non-metallics...	...	...	39,710,513	...	41,987,203
<u>Clay Products and Other Structural Materials</u>					
Clay products (brick, tile, etc.) .....	...	...	8,913,092	...	12,225,575
Cement	ttl.	8,471,679	14,246,480	11,415,167	19,502,190
Lime	ton	832,253	6,525,038	824,609	6,517,276
Sand and gravel	ton	29,750,703	10,568,363	36,223,834	14,123,405
Stone	ton	6,205,555	8,166,700	6,846,263	9,046,158
Total Clay Products and Other Structural Materials..	...	...	48,419,673	...	61,414,604
GRAND TOTAL .....	...	...	498,755,181	...	493,940,428

(x) Not available.

Table 4 - PRELIMINARY ESTIMATE OF MINERAL PRODUCTION OF CANADA, 1946

	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Yukon	CANADA
Metals											
Antimony	lb.	...	...	...	...	...	...	685,000	...	...	685,000
	\$	...	...	...	...	...	...	102,750	...	...	102,750
Arsenic	lb.	...	420,000	525,000	...	...	...	...	...	...	745,000
	\$	...	22,000	17,100	...	...	...	...	...	...	39,100
Bismuth	lb.	...	...	...	...	...	...	234,000	...	...	234,000
	\$	...	...	...	...	...	...	327,600	...	...	327,600
Cadmium	lb.	...	...	...	61,000	99,000	...	601,400	...	...	761,400
	\$	...	...	...	74,420	120,780	...	733,708	...	...	928,308
Calcium	lb.	...	...	53,548	...	...	...	...	...	...	53,548
	\$	...	...	75,592	...	...	...	...	...	...	75,592
Chromite	ton	...	3,100	...	...	...	...	...	...	...	3,100
	\$	...	58,125	...	...	...	...	...	...	...	58,125
Cobalt	lb.	...	...	74,902	...	...	...	...	...	...	74,902
	\$	...	...	61,794	...	...	...	...	...	...	61,794
Copper	lb.	...	70,032,553	179,333,433	40,000,000	61,000,000	...	20,719,142	...	...	571,085,128
	\$	...	8,964,167	22,469,343	5,120,000	7,808,000	...	2,652,050	...	...	47,013,560
Gold	oz.	4,579	586,231	1,835,887	78,732	112,000	105	123,348	19,738	47,023	2,807,645
	\$	168,278	21,543,989	67,468,847	2,893,401	4,116,000	3,859	4,533,039	725,372	1,728,095	103,180,880
Iron ore	ton	...	...	1,581,063	...	...	...	...	...	...	1,581,063
	\$	...	...	4,835,580	...	...	...	...	...	...	4,835,580
Lead	lb.	...	7,491,309	343,986	...	...	...	346,808,781	...	...	354,444,076
	\$	...	505,663	23,219	...	...	...	23,396,093	...	...	23,924,975
Magnesium	lb.	...	...	323,234	...	...	...	...	...	...	323,234
	\$	...	...	75,550	...	...	...	...	...	...	75,550
Mercury	lb.	...	...	...	...	...	...	...	...	...	...
	\$
Molybdenite (concentrates)	lb.	...	751,197	...	...	...	...	...	...	...	751,197
	\$	...	350,032	...	...	...	...	...	...	...	350,032
Nickel	lb.	...	...	190,811,179	...	...	...	...	...	...	190,811,179
	\$	...	...	46,844,738	...	...	...	...	...	...	46,844,738
Palladium, rhodium, etc.	oz.	...	...	114,200	...	...	...	...	...	...	114,200
	\$	...	...	4,758,717	...	...	...	...	...	...	4,758,717
Platinum	oz.	...	...	130,400	...	...	...	...	...	...	130,400
	\$	...	...	8,216,504	...	...	...	...	...	...	8,216,504
Pitchblende products	\$	...	...	...	...	...	...	...	...	...	...
Selenium	lb.	...	107,000	325,000	34,000	68,000	...	...	...	...	534,000
	\$	...	171,000	568,750	54,300	108,700	...	...	...	...	902,750
Silver	oz.	127	1,934,427	2,664,781	530,000	1,483,000	12	6,049,497	5,357	9,727	12,676,928
	\$	106	1,618,148	2,229,089	443,345	1,240,530	10	5,060,404	4,481	8,137	10,604,250
Tellurium	lb.	...	21,000	14,200	4,333	8,667	...	...	...	...	48,200
	\$	...	27,000	21,300	5,668	11,334	...	...	...	...	65,300
Thallium	lb.	...	...	...	...	...	...	...	...	...	...
	\$
Tin	lb.	...	...	...	...	...	...	874,000	...	...	874,000
	\$	...	...	...	...	...	...	480,700	...	...	480,700
Titanium ore	ton	...	1,352	...	...	...	...	...	...	...	1,352
	\$	...	6,830	...	...	...	...	...	...	...	6,830
Tungsten (concentrates)	lb.	...	...	...	...	...	...	...	...	...	...
	\$
Zinc	lb.	...	90,294,237	...	38,010,819	70,500,000	...	275,028,160	...	...	471,833,216
	\$	...	7,051,980	...	2,812,445	5,506,050	...	21,479,699	...	...	30,850,174
Total Metals	\$	168,584	40,318,934	157,665,923	11,403,577	18,911,394	3,869	58,768,043	722,853	1,736,232	289,704,209
Non-metallics											
Fuels											
Coal	ton	5,449,121	373,871	...	...	1,508,309	3,734,696	1,623,055	...	...	17,692,052
	\$	30,172,437	2,132,214	...	...	2,443,715	32,720,300	6,943,841	...	...	74,418,107
Natural gas	M cu.ft.	...	512,000	6,000,000	...	201,000	40,189,000	...	...	...	46,902,000
	\$	...	251,000	4,000,000	...	70,000	7,032,000	...	...	...	11,354,000
Peat	ton	...	...	145	...	...	...	...	...	...	145
	\$	...	...	1,305	...	...	...	...	...	...	1,305
Petroleum, crude ...	bbl.	...	29,000	121,000	...	146,000	7,149,000	...	223,000	...	7,668,000
	\$	...	41,000	284,000	...	160,000	14,189,000	...	287,000	...	14,961,000
Total Fuels	\$	30,172,437	2,424,214	4,285,305	...	2,675,715	53,942,300	6,943,841	287,000	...	100,734,412

Table 4 - PRELIMINARY ESTIMATE OF MINERAL PRODUCTION OF CANADA, 1946 - (Concluded)

	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Yukon	CANADA	
Other Non-metallics												
Asbestos	ton	...	549,497	...	...	...	...	...	...	...	549,497
§	...	...	24,490,695	...	...	...	...	...	...	...	24,490,695
Barite	ton	117,533	...	...	...	...	...	2,750	...	...	120,283
§	986,867	...	...	...	...	...	...	20,000	...	...	1,006,867
Corundum	ton	...	...	1,190	...	...	...	...	...	...	1,190
§	...	...	...	104,110	...	...	...	...	...	...	104,110
Diatomite	ton	47	...	...	...	...	...	41	...	...	88
§	1,200	...	...	...	...	...	...	1,027	...	...	2,227
Feldspar	ton	...	51,171	5,198	...	...	...	...	...	...	56,369
§	...	...	288,445	50,541	...	...	...	...	...	...	538,986
Fluorspar	ton	...	...	7,554	...	...	...	...	...	...	7,554
§	...	...	...	218,421	...	...	...	...	...	...	218,421
Garnet rock	ton	...	...	...	...	...	...	...	...	...	...
§	
Graphite	ton	...	...	1,975	...	...	...	...	...	...	1,975
§	...	...	...	201,450	...	...	...	...	...	...	201,450
Grindstone	ton	250	...	...	...	...	...	...	...	...	250
§	...	15,000	...	...	...	...	...	...	...	...	15,000
Gypsum	ton	1,559,618	45,000	125,899	64,500	...	...	40,900	...	...	1,835,717
§	1,757,100	225,000	...	487,700	457,700	...	...	518,500	...	...	5,226,000
Iron oxides	ton	...	12,842	...	...	...	...	584	...	...	13,026
§	...	...	146,500	...	...	...	...	1,922	...	...	148,422
Magnetitic dolomite and brucite	§	...	1,282,424	...	...	...	...	...	...	...	1,282,424
Mica	lb.	...	1,491,188	5,050,428	...	...	...	565	...	...	4,522,161
§	...	...	121,543	51,287	...	...	...	16,950	...	...	169,790
Mineral waters	gal.	...	250,000	10,000	...	...	...	...	...	...	240,000
§	...	...	124,000	1,000	...	...	...	...	...	...	125,000
Nepheline syenite ..	ton	...	...	57,000	...	...	...	...	...	...	57,000
§	...	...	...	199,000	...	...	...	...	...	...	199,000
Peat moss	lb.	2,178	18,672	13,514	1,098	...	...	51,889	...	...	87,149
§	...	75,000	418,774	259,000	47,228	...	...	1,705,855	...	...	2,505,855
Phosphate	ton	...	57	...	...	...	...	...	...	...	57
§	...	...	872	...	...	...	...	...	...	...	872
Quartz	ton	9,156	186,510	909,256	...	150,500	...	8,603	...	...	1,245,825
§	28,426	...	546,478	688,845	...	45,675	...	19,800	...	...	1,323,224
Salt	ton	36,957	...	435,677	26,800	...	51,016	...	...	...	530,250
§	277,177	...	...	2,202,924	485,000	...	405,410	...	...	...	5,370,511
Silica brick	M	2,114	...	975	...	...	...	...	...	...	3,089
§	87,554	...	...	86,750	...	...	...	...	...	...	174,304
Soapstone (including some talc)	ton	...	19,152	...	...	...	...	...	...	...	19,152
§	...	...	149,100	...	...	...	...	...	...	...	149,100
Sodium carbonate ...	ton	...	...	...	...	...	...	210	...	...	210
§	...	...	...	...	...	...	...	2,510	...	...	2,510
Sodium sulphate	ton	...	...	...	...	105,768	...	...	...	...	105,768
§	...	...	...	...	...	1,050,546	...	...	...	...	1,050,546
Sulphur	ton	...	92,854	15,522	...	...	...	125,500	...	...	231,476
§	...	...	586,899	155,220	...	...	...	1,226,000	...	...	1,766,119
Talc	ton	...	...	13,000	...	...	...	...	...	...	13,000
§	...	...	...	150,000	...	...	...	...	...	...	150,000
Total Non-metals ..	§	5,158,524	515,000	27,955,750	4,314,248	969,928	1,076,221	405,410	5,512,542	...	41,987,895	
Clay Products and Other Structural Materials												
Clay products, brick, tile, etc.	§	679,500	352,700	5,550,613	4,518,233	358,000	579,156	1,789,873	817,500	...	12,225,575	
Cement	bbl.	...	...	5,068,552	5,560,593	1,235,538	...	779,128	771,956	...	11,415,167
§	...	...	7,943,052	5,671,692	2,768,875	...	1,574,862	1,543,909	...	...	19,502,190
Line	ton	...	20,706	293,640	393,551	40,275	...	25,209	47,228	...	824,609	
§	...	265,344	2,114,207	2,983,330	400,324	...	209,611	543,800	...	...	6,517,276
Sand and gravel	ton	1,280,097	1,565,974	12,672,583	13,683,675	1,599,373	2,011,994	920,254	2,431,294	...	56,223,834	
§	910,075	678,666	5,445,588	5,354,109	628,822	974,513	443,815	1,164,017	...	...	14,123,405
Stones	ton	114,424	128,660	2,961,506	3,290,625	72,954	...	12,595	267,499	...	6,846,265	
§	522,531	573,140	4,407,254	3,286,077	166,350	...	56,246	434,530	...	...	9,046,158
Total Clay Products and Other Structural Materials	§	1,912,154	1,662,850	21,458,624	22,115,501	4,302,771	1,555,669	4,080,307	4,525,756	...	61,414,604	
GRAND TOTAL 1946..	§	55,591,402	4,409,064	89,733,558	188,378,377	16,676,276	24,019,999	58,432,386	73,545,982	1,016,855	1,736,252	493,840,428

Table 3 - FINAL STATISTICS OF MINERAL PRODUCTION OF CANADA, 1943

		Nova Scotia	New Brun- swick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Terri- tories	Yukon	CANADA
Metals												
Antimony	lb.	...	...	...	...	...	...	...	1,667,951	...	...	1,667,951
	\$	...	...	...	...	...	...	...	290,557	...	...	290,557
Arsenic	lb.	...	...	1,821,265	224,467	...	...	...	...	...	...	2,045,730
	\$	...	...	118,557	12,552	...	...	...	...	...	...	150,909
Bismuth	lb.	...	...	...	...	...	...	...	189,815	...	...	189,815
	\$	...	...	...	...	...	...	...	260,047	...	...	260,047
Cadmium	lb.	...	...	...	...	27,891	107,741	...	510,432	...	...	646,064
	\$	...	...	...	...	27,612	106,665	...	505,528	...	...	639,605
Calcium	lb.	...	...	...	22,720	...	...	...	...	...	...	22,720
	\$	...	...	...	19,512	...	...	...	...	...	...	19,512
Chromite	ton	...	...	5,755	...	...	...	...	...	...	...	5,755
	\$	...	...	160,752	...	...	...	...	...	...	...	160,752
Cobalt	lb.	...	...	...	109,125	...	...	...	...	...	...	109,125
	\$	...	...	...	90,026	...	...	...	...	...	...	90,026
Copper	lb.	...	...	102,885,069	239,450,875	41,126,155	65,900,701	...	25,751,252	...	...	474,914,052
	\$	...	...	12,886,976	29,771,635	5,161,532	8,270,558	...	3,231,782	...	...	59,322,261
Gold	oz.	5,291	...	861,608	1,825,568	70,655	108,568	7	186,854	8,655	51,721	2,696,727
	\$	126,704	...	25,471,908	62,576,668	2,720,218	4,179,868	269	7,193,879	555,218	1,221,258	105,823,990
Iron ore	ton	...	...	...	1,135,444	...	...	...	...	...	...	1,135,444
	\$	...	...	...	5,635,095	...	...	...	...	...	...	3,635,095
Lead	lb.	...	...	9,229,726	668,762	...	...	...	556,976,468	...	119,516	346,994,472
	\$	...	...	461,486	53,458	...	...	...	16,848,823	...	5,976	17,349,725
Magnesium	lb.	...	...	...	7,558,545	...	...	...	...	...	...	7,558,545
	\$	...	...	...	1,607,264	...	...	...	...	...	...	1,607,264
Mercury	lb.	...	...	...	...	...	...	...	...	...	...	...
	\$
Molybdenite (concentrates)	lb.	...	...	978,117	...	...	...	...	...	...	...	978,117
	\$	...	...	411,663	...	...	...	...	...	...	...	411,663
Nickel	lb.	...	...	...	245,130,983	...	...	...	...	...	...	245,130,983
	\$	...	...	...	61,982,133	...	...	...	...	...	...	61,982,133
Palladium, rhodium, etc.	oz.	...	...	...	458,674	...	...	...	...	...	...	458,674
	\$	...	...	...	18,671,074	...	...	...	...	...	...	18,671,074
Platinum	oz.	...	...	...	208,234	...	...	...	...	...	...	208,234
	\$	...	...	...	8,017,010	...	...	...	...	...	...	8,017,010
Pitchblende products	\$	...	...	...	...	...	...	...	...	...	...	...
Selenium	lb.	...	...	160,720	168,000	9,258	41,209	...	...	...	...	379,187
	\$	...	...	508,583	522,560	17,775	79,121	...	...	...	...	728,039
Silver	oz.	112	...	2,149,570	5,185,569	533,883	1,426,457	1	5,620,323	2,033	25,158	12,942,906
	\$	53	...	1,010,298	1,497,125	250,925	670,435	...	2,641,552	956	11,824	6,085,166
Tellurium	lb.	...	...	...	...	89	395	...	...	...	...	484
	\$	...	...	...	...	171	758	...	...	...	...	929
Thallium	lb.	...	...	...	...	...	...	...	...	...	...	...
	\$
Tin	lb.	...	...	...	...	...	...	...	849,983	...	...	849,983
	\$	...	...	...	...	...	...	...	492,990	...	...	492,990
Titanium ore	ton	...	...	14,147	...	...	...	...	...	...	...	14,147
	\$	...	...	67,575	...	...	...	...	...	...	...	67,575
Tungsten (concentrates)	lb.	...	...	...	787	...	...	...	366	...	...	1,153
	\$	...	...	...	714	...	...	...	551	...	...	1,045
Zinc	lb.	...	...	111,909,565	237,799	54,860,754	75,413,851	...	294,791,635	...	...	517,215,604
	\$	...	...	7,206,976	15,314	2,245,055	4,856,652	...	18,984,581	...	...	33,303,556
TOTAL METALS	\$	126,757	...	48,104,774	188,251,716	10,423,066	18,164,035	269	50,449,370	334,174	1,239,058	317,093,719

Table 5 - FINAL STATISTICS OF MINERAL PRODUCTION OF CANADA, 1945 - (Continued)

		Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alber- ta	British Columbia	Northwest Territories	Yukon	CANADA
<u>Non-Metallics</u>												
Asbestos	ton	...	...	466,394	3	...	...	...	...	...	...	466,897
	\$	...	...	22,802,511	2,646	...	...	...	...	...	...	22,805,157
Barite	ton	108,434	...	...	...	...	...	...	51,155	...	...	139,589
	\$	1,165,623	...	...	...	...	...	...	45,780	...	...	1,211,403
Corundum	ton	...	...	...	1,517	...	...	...	...	...	...	1,517
	\$	...	...	...	130,335	...	...	...	...	...	...	130,393
Diatomite	ton	24	...	...	...	...	...	...	22	...	...	46
	\$	740	...	...	...	...	...	...	498	...	...	1,238
Feldspar	ton	...	...	26,389	3,857	...	...	...	...	...	...	30,246
	\$	...	...	247,242	35,414	...	...	...	...	...	...	282,656
Fluorspar	ton	...	...	...	7,369	...	...	...	...	...	...	7,369
	\$	...	...	...	233,708	...	...	...	...	...	...	233,708
Garnet rock	ton	...	...	...	...	...	...	...	...	...	...	...
	\$
Graphite	ton	...	...	...	1,910	...	...	...	...	...	...	1,910
	\$	...	...	...	179,001	...	...	...	...	...	...	179,001
Grindstone	ton	10	215	...	...	...	...	...	...	...	...	225
	\$	600	10,270	...	...	...	...	...	...	...	...	10,870
Gypsum	ton	634,960	46,755	...	92,174	42,273	...	...	23,617	...	...	839,781
	\$	790,273	236,933	...	365,516	300,636	...	...	70,032	...	...	1,783,290
Iron oxides	ton	...	...	9,917	...	...	...	...	397	...	...	10,314
	\$	...	...	170,068	...	...	...	...	1,985	...	...	172,053
Magnesitic dolomite and brucite .....	\$	...	...	1,278,536	...	...	...	...	...	...	...	1,278,536
Magnesium sulphate..	ton	...	...	...	...	...	...	...	...	...	...	...
	\$
Mica	lb.	...	...	2,856,858	2,903,363	...	...	...	1,284,000	...	...	7,044,221
	\$	...	...	121,011	95,123	...	...	...	17,136	...	...	233,270
Mineral waters	gal.	...	...	236,476	8,285	...	...	...	...	...	...	244,761
	\$	...	...	125,523	976	...	...	...	...	...	...	126,499
Nepheline syenite ..	ton	...	...	...	61,345	...	...	...	...	...	...	61,545
	\$	...	...	...	275,766	...	...	...	...	...	...	275,766
Peat moss	lb.	4,000,000	37,034,000	23,354,635	2,362,325	...	...	...	101,194,547	...	...	167,926,007
	\$	64,000	337,439	224,100	43,243	...	...	...	1,292,297	...	...	2,011,139
Phosphate	ton	...	...	291	8	...	...	...	...	...	...	299
	\$	...	...	4,236	120	...	...	...	...	...	...	4,356
Quartz	ton	10,734	...	195,857	1,165,238	...	141,789	...	...	...	...	1,513,628
	\$	36,171	...	626,079	320,664	...	52,544	...	...	...	...	1,535,458
Salt	ton	37,825	...	...	573,697	27,133	...	29,421	...	...	...	673,076
	\$	254,138	...	...	2,920,973	449,561	...	430,048	...	...	...	4,054,720
Silica brick	M	3,040	...	...	1,168	...	...	...	...	...	...	4,208
	\$	195,365	...	...	151,398	...	...	...	...	...	...	317,263
Serpentine (including some talc)	ton	...	...	14,225	...	...	...	...	...	...	...	14,225
	\$	...	...	153,694	...	...	...	...	...	...	...	153,694
Sodium carbonate ...	ton	...	...	...	...	...	...	...	236	...	...	286
	\$	...	...	...	...	...	...	...	3,146	...	...	3,146
Sodium sulphate	ton	...	...	...	...	...	93,063	...	...	...	...	93,066
	\$	...	...	...	...	...	334,322	...	...	...	...	334,322
Sulphur	ton	...	...	105,613	16,347	...	...	...	127,654	...	...	250,114
	\$	...	...	445,554	168,470	...	...	...	1,267,317	...	...	1,381,321
Talc	ton	...	...	...	12,863	...	...	...	...	...	...	12,863
	\$	...	...	...	141,194	...	...	...	...	...	...	141,194
Volcanic dust	ton	...	...	...	...	...	...	...	...	...	...	...
	\$
TOTAL NON-METALS..	\$	2,433,410	21,103	26,361,933	5,745,462	793,440	336,366	430,048	2,698,191	...	...	39,710,513

Table 5 - FINAL STATISTICS OF MINERAL PRODUCTION OF CANADA, 1945 - (Concluded)

	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Terra- tories	Yukon	CANADA	
Fuels												
Coal	ton	5,112,615	361,184	...	...	...	1,532,995	7,800,151	1,699,768	...	...	16,506,713
	\$	28,350,278	2,021,908	...	...	...	2,327,082	27,751,377	7,137,359	...	...	57,598,402
Natural gas	M cu.ft.	...	653,230	...	7,199,970	...	163,824	40,393,061	...	1,500	...	48,411,585
	\$	...	517,568	...	4,837,586	...	58,165	7,095,910	...	335	...	12,309,564
Peat	ton	...	...	...	118	...	...	...	...	...	...	118
	\$	...	...	...	1,062	...	...	...	...	...	...	1,062
Petroleum, crude	bbl.	...	30,140	...	113,325	...	14,374	7,979,786	...	345,171	...	8,482,796
	\$	...	42,415	...	269,478	...	15,362	13,169,692	...	136,303	...	13,632,248
TOTAL FUELS	\$	28,350,278	2,381,787	...	5,107,126	...	2,400,609	48,016,979	7,137,859	136,638	...	93,531,276
Clay Products and Other Structural Materials												
Clay products, brick, tile, etc.	\$	433,455	232,783	2,534,630	3,107,189	269,917	271,288	1,401,875	661,955	...	...	8,913,092
Cement	bbl.	...	...	3,872,373	2,460,996	959,598	...	820,337	558,575	...	...	8,471,679
	\$	...	...	5,985,077	3,805,131	2,027,629	...	1,246,346	1,182,297	...	...	14,246,480
Lime	ton	469	19,941	311,057	398,847	31,495	...	19,855	50,789	...	...	832,253
	\$	5,771	241,651	2,195,837	3,131,676	313,193	...	169,322	467,588	...	...	6,525,038
Sand and gravel	ton	1,308,848	1,627,371	8,971,960	10,466,891	1,497,062	1,237,595	919,736	3,721,240	...	...	29,750,703
	\$	555,809	686,267	2,279,537	4,466,862	516,380	563,276	433,436	1,066,796	...	...	10,568,363
Stone	ton	123,434	99,328	2,670,161	2,952,357	62,626	...	13,528	284,121	...	...	6,205,555
	\$	315,179	328,509	4,056,272	2,926,694	85,798	...	54,962	399,286	...	...	8,166,700
TOTAL CLAY PRODUCTS AND OTHER STRUCTURAL MATERIALS	\$	1,310,214	1,489,210	17,051,353	17,437,552	3,212,917	834,564	3,305,941	3,777,922	...	...	48,419,673
GRAND TOTAL 1945 ..	\$	32,220,659	4,182,100	91,518,120	216,541,856	14,429,423	22,336,074	51,753,237	64,063,842	470,812	1,239,058	498,755,181
GRAND TOTAL 1944 ..	\$	53,981,977	4,133,902	90,182,553	210,706,307	13,830,406	22,291,848	51,066,662	57,246,071	1,440,069	939,319	485,819,114
Summary												
Metallics	\$	126,757	...	48,104,774	188,251,716	10,423,066	18,164,035	269	50,449,870	334,174	1,239,058	317,093,719
Fuels	\$	28,350,278	2,381,787	...	5,107,126	...	2,400,609	48,016,979	7,137,859	136,638	...	93,531,276
Other non-metallics..	\$	2,433,410	311,103	26,361,993	5,745,482	793,440	936,866	430,048	2,698,191	...	...	39,710,513
Clay products	\$	433,455	232,783	2,534,630	3,107,189	269,917	271,288	1,401,875	661,955	...	...	8,913,092
Other structural materials	\$	876,759	1,256,427	14,516,723	14,330,363	2,943,000	563,276	1,904,066	3,115,967	...	...	39,506,581
GRAND TOTAL 1945 ..	\$	32,220,659	4,182,100	91,518,120	216,541,856	14,429,423	22,336,074	51,753,237	64,063,842	470,812	1,239,058	498,755,181
GRAND TOTAL 1944 ..	\$	53,981,977	4,133,902	90,182,553	210,706,307	13,830,406	22,291,848	51,066,662	57,246,071	1,440,069	939,319	485,819,114

ANTIMONY

Table 6 -

Year	Total Production		Production Refined Metal	Imports	
	in All Forms			Refined Metal or Regulus	
	Pounds	\$	Pounds	Pounds	\$
1940	2,594,492	396,468	2,549,792	236,071	21,521
1941	3,185,077	445,911	3,169,785	2,240	423
1942	3,041,108	516,988	3,041,030	100	21
1943	1,114,166	189,408	1,114,166	240,700	38,755
1944	1,937,933	281,000	1,937,933	1,558,198	237,334
1945	1,667,951	290,557	256,970	1,034,792	172,253
1946 (Preliminary)	685,000	102,750	...	1,421,162	267,716 (10 months only)

ARSENIC

Table 7 -

Year	Production (Crude and Refined)		Exports (Crude and Refined)	
	Pounds	\$	Pounds	\$
1940	2,093,275	62,798	1,127,100	33,362
1941	3,538,000	153,195	3,937,700	126,616
1942	14,967,874	652,041	8,386,300	226,018
1943	3,153,538	254,009	6,617,100	353,484
1944	2,627,022	180,866	5,997,500	306,891
1945	2,045,730	130,909	6,070,100	282,718
1946 (Preliminary)	745,000	39,100	1,521,600	65,598 (10 months only)

BISMUTH

Table 8 -

Year	Total Production		Production Refined Metal	Imports	
	in All Forms			Refined Metal	
	Pounds	\$	Pounds	Pounds	\$
1940	58,529	81,004	40,700	5	11
1941	7,511	10,396	...	100	149
1942	347,556	479,627	318,888	5	11
1943	407,597	562,484	407,596	...	...
1944	123,875	154,844	123,876	...	...
1945	189,815	260,047	189,815	5	11
1946 (Preliminary)	234,000	327,600	234,000	6	13 (10 months only)

CADMIUM

Table 9 -

Year	Production Refined Metal		Exports Refined Metal	
	Pounds	\$	Pounds	\$
1940	908,127	1,056,152	798,710	879,711
1941	1,251,291	1,469,016	910,329	946,921
1942	1,148,963	1,355,776	800,710	855,618
1943	786,611	904,602	572,215	626,379
1944	526,970	579,667	383,324	412,332
1945	646,064	639,603	350,744	385,369
1946 (Preliminary)	761,400	928,908	482,429	559,452 (10 months only)

CHROMITE

Table 10 -

Year	Production Chrome Ore		Imports Chrome Ore	
	Tons	\$	Tons	\$
1940	335	5,780	29,936	554,413
1941	2,372	42,679	92,252	1,460,209
1942	11,456	343,568	87,628	1,271,482
1943	29,595	919,878	103,471	2,121,228
1944	27,054	748,494	39,089	618,231
1945	5,755	160,752	60,691	1,154,985
1946 (Preliminary)	3,100	58,125	10,423	207,205 (10 months only)

COBALT

Table 11 -

Year	Total Production in All Forms		Imports Cobalt Ore		Exports			
	Pounds	\$	Tons	\$	Cobalt Contained in Ores		Metallic Cobalt	
					Pounds	\$	Pounds	\$
1940	794,359	1,255,220	1,960	1,164,616	478,100	387,642	355,227	438,728
1941	263,257	255,904	1,500	1,543,086	279,700	281,395	1,021,132	1,526,911
1942	85,871	88,444	1,668	1,485,370	161,700	97,266	943,632	1,471,024
1943	175,961	191,407	1,118	785,721	163,100	188,510	911,107	1,507,635
1944	36,283	34,106	1,838	1,327,755	25,900	24,379	1,009,068	1,665,984
1945	109,123	90,026	1,195	869,415	65,000	57,119	583,334	954,257
1946 (Preliminary)	74,902	61,794	(x) 585	451,115	(x) 48,100	41,091	(x) 505,526	844,868

(x) Imports and Exports are for 10 months only.

C O P P E R

Table 12 - PRODUCTION OF PRIMARY COPPER IN ALL FORMS

Year	Quebec		Ontario		Manitoba	
	Tons	\$	Tons	\$	Tons	\$
1940	67,083	13,532,079	173,965	34,742,229	37,634	7,591,524
1941	76,892	14,502,052	166,915	33,192,644	33,509	6,759,492
1942	70,456	14,212,372	154,141	30,625,404	23,798	4,800,491
1943	65,582	15,411,744	138,920	32,232,027	19,007	4,466,747
1944	54,027	12,966,620	142,654	33,845,632	21,939	5,265,437
1945	51,342	12,886,976	119,726	29,771,633	20,583	5,161,332
1946 (Preliminary)	35,016	8,964,167	89,668	22,469,343	20,000	5,120,000
	Saskatchewan		British Columbia		Northwest Territories	
1940	10,243	2,086,112	38,872	7,841,117	...	...
1941	16,162	3,260,250	33,163	6,689,758	17	3,301
1942	28,391	5,726,979	25,008	5,044,565	37	7,561
1943	42,924	10,098,974	21,112	4,961,109	...	...
1944	36,757	8,821,740	18,152	4,356,315	6	1,428
1945	32,950	8,270,538	12,876	3,231,782	...	...
1946 (Preliminary)	30,500	7,808,000	10,359	2,652,050	...	...
	C A N A D A					
1940	327,797	65,773,061				
1941	321,658	64,407,497				
1942	301,831	60,417,372				
1943	287,595	67,170,601				
1944	273,535	65,257,172				
1945	237,457	59,322,261				
1946 (Preliminary)	185,543	47,013,560				

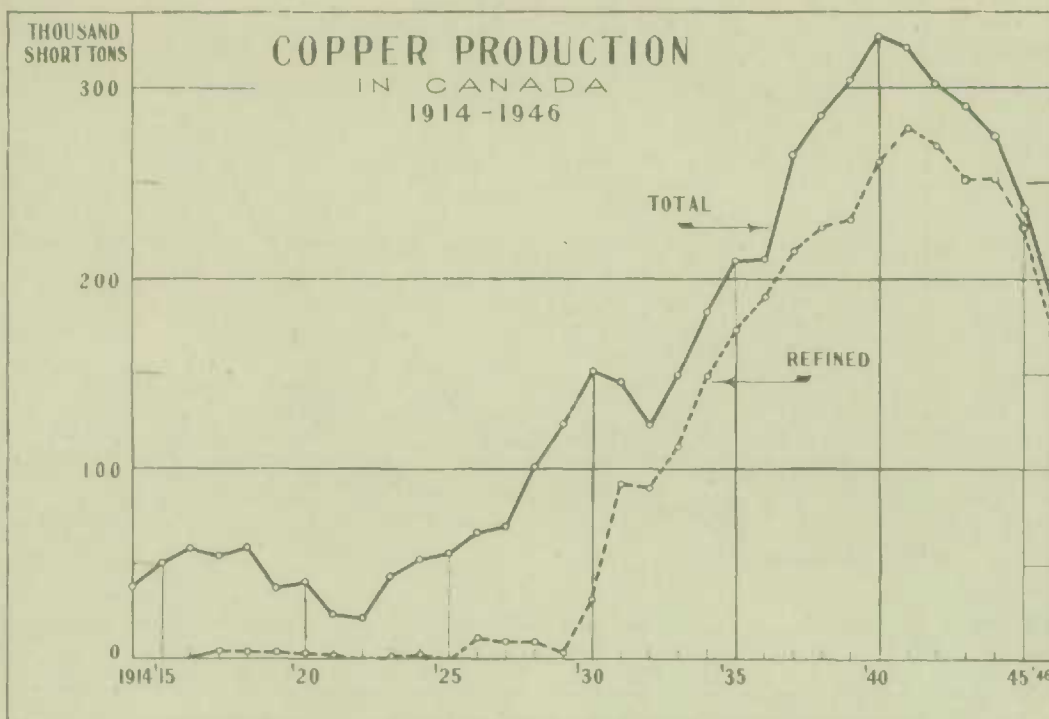


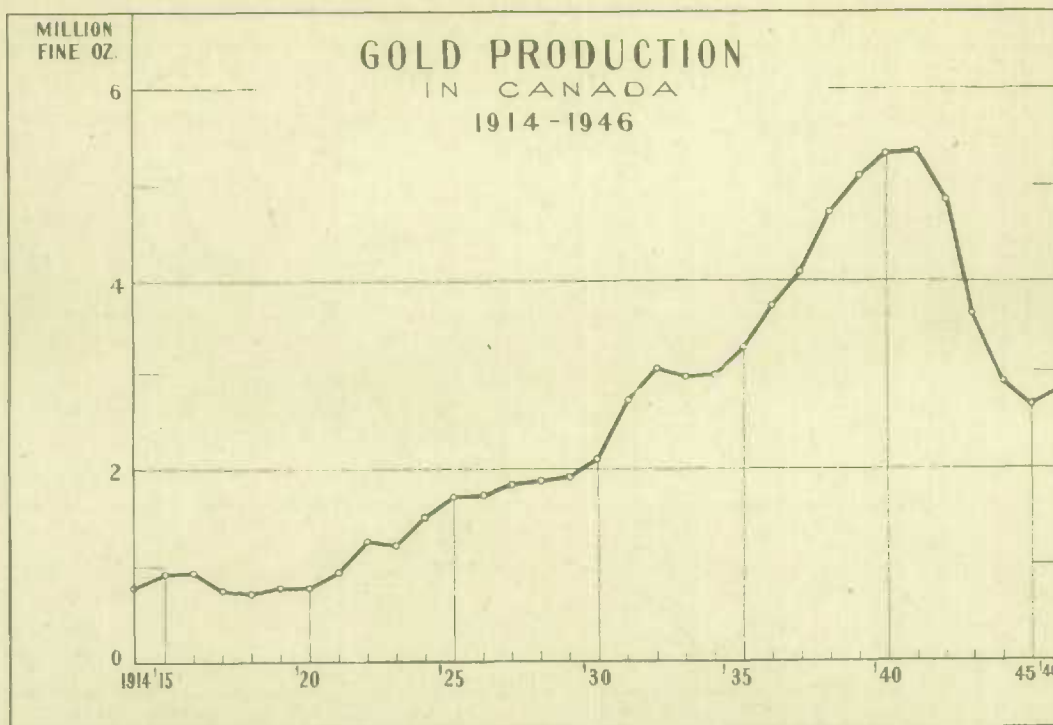
Table 13 - PRODUCTION OF REFINED COPPER

Year	Tons	Year	Tons
1936	191,595	1942	268,447
1937	215,080	1943	251,495
1938	227,240	1944	256,244
1939	251,684	1945	228,861
1940	261,878	1946 (Preliminary)	171,206
1941	278,224		

Table 14 - EXPORTS OF PRIMARY COPPER

Year	Blister Copper		Copper Contained in Ore, Matte, etc.		Copper in Ingots, Bars, Cakes, Slabs and Billets	
	Tons	\$	Tons	\$	Tons	\$
1940	15,823	2,986,737	52,601	7,364,182	154,502	51,368,792
1941	11,962	2,392,505	47,769	6,687,709	126,424	25,352,157
1942	6,455	1,290,959	54,047	4,766,458	96,617	19,490,785
1943	4,274	846,896	56,210	5,069,358	64,333	12,751,150
1944 .....	...	...	27,994	5,918,495	135,233	29,049,257
1945 .....	...	...	19,295	2,701,244	129,349	32,098,264
1946 (x) .....	...	...	13,253	1,855,413	86,133	22,481,694

(x) For first 10 months only.



G O L D

Table 15 -

Year	Production		Year	Production	
	Fine ounces	\$		Fine ounces	\$
1940	5,311,145	204,479,083	1944	2,922,911	112,532,073
1941	5,345,179	205,789,392	1945	2,696,727	103,823,990
1942	4,841,306	186,390,231	1946 (Preliminary)	2,807,643	103,180,880
1943	3,651,301	140,575,088			

Table 16 - GOLD PRODUCTION BY PROVINCES

	1945		1946 (Preliminary)	
	Fine ounces	\$	Fine ounces	\$
Nova Scotia	3,291	126,704	4,579	168,278
Quebec -				
Gold mines	419,673	16,157,411	406,734	14,947,475
Base metal mines	241,935	9,314,497	179,497	6,596,514
Total Quebec	661,608	25,471,908	586,231	21,543,989
Ontario -				
Gold mines: Porcupine	830,909	31,989,997	901,953	33,146,775
Kirkland Lake	369,992	14,244,692	402,693	14,798,968
Larder Lake	109,354	4,210,129	145,208	5,536,394
Matachewan	35,088	1,350,888	41,833	1,537,363
Sudbury	10	385	...	...
Algoma	36	1,386	...	...
Thunder Bay	49,829	1,918,417	104,621	3,844,821
Patricia	138,752	5,341,952	154,979	5,695,478
Other mines	91,598	3,518,822	84,600	3,109,050
Total Ontario	1,625,368	62,576,668	1,835,887	67,468,847

Table 16 - GOLD PRODUCTION BY PROVINCES (Concluded)

	1945		1946 (Preliminary)	
	Fine ounces	\$	Fine ounces	\$
Manitoba -				
Gold mines	38,326	1,475,551	42,732	1,570,401
Other mines	32,329	1,244,667	36,000	1,323,000
Total Manitoba	70,655	2,720,218	78,732	2,893,401
Saskatchewan -				
Gold mines	108,568	4,179,868	112,000	4,116,000
Other mines	108,568	4,179,868	112,000	4,116,000
Total Saskatchewan	108,568	4,179,868	112,000	4,116,000
Alberta (Placer)	7	269	105	3,859
British Columbia -				
Gold mines (lode)	161,971	6,235,884	93,693	3,443,218
Gold mines (placer)	10,071	387,733	15,266	561,025
Other mines	14,812	570,262	14,389	528,796
Total British Columbia	186,854	7,193,879	123,348	4,533,039
Northwest Territories -				
Gold mines	8,655	333,218	19,738	725,372
Yukon (Chiefly placer)	51,721	1,221,258	47,023	1,728,095
TOTAL CANADA	2,696,727	103,823,990	2,807,643	103,180,880

IRON ORE

Table 17 -

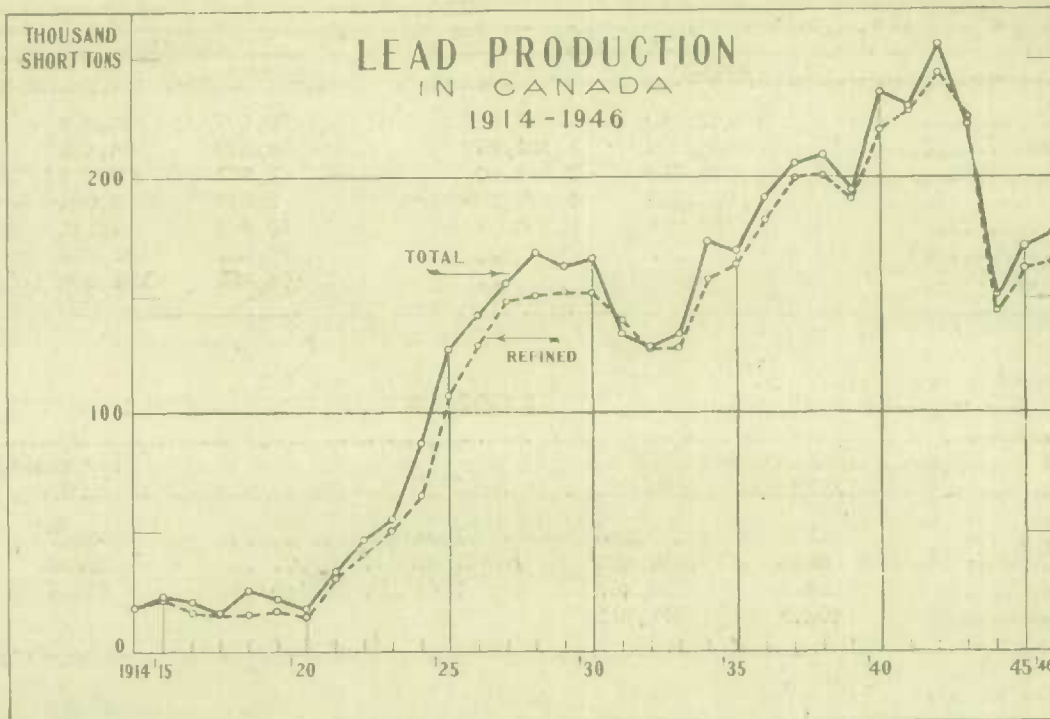
Year	Production		Imports		Exports	
	Short tons	\$	Short tons	\$	Short tons	\$
1940	414,603	1,211,305	2,418,237	5,513,215	251,626	923,859
1941	516,037	1,426,057	3,254,655	7,134,765	282,068	1,040,155
1942	545,306	1,517,077	2,701,968	6,230,197	295,960	1,055,861
1943	641,294	2,032,240	3,906,425	9,056,389	374,677	1,450,985
1944	553,252	1,909,608	3,126,649	7,393,926	308,424	1,153,166
1945	1,135,444	3,635,095	3,739,867	8,595,799	771,495	2,552,691
1946 (Preliminary)	1,561,063	4,835,580	1,623,745(x)	4,565,125	952,954(x)	3,680,207

(x) 1946 Imports and Exports are for 10 months only.

MAGNESIUM

Table 18 -

Year	Production Refined Magnesium	
	Pounds	\$
1941	10,905	2,944
1942	808,718	355,836
1943	7,153,974	2,074,652
1944	10,579,778	2,575,695
1945	7,558,545	1,807,264
1946 (Preliminary)	323,234	75,350



LEAD

Table 19 -

Year	Production Primary Lead in All Forms		Production Refined Lead Tons	Exports			
	Tons	\$		Lead Contained in Ore		Pig Lead	
				Tons	\$	Tons	\$
1940 ...	235,925	15,863,605	220,087	9,170	462,159	151,546	9,028,165
1941 ...	230,083	15,470,815	228,027	6,617	440,778	184,284	13,084,523
1942 ...	256,071	17,218,233	243,306	5,929	409,193	210,782	15,243,454
1943 ...	222,030	16,670,041	223,871	5,735	425,306	154,348	9,222,104
1944 ...	152,291	13,706,199	142,581	9,500	650,433	102,880	6,394,550
1945 ...	173,497	17,349,723	162,537	7,834	573,690	107,292	8,603,049
1946 (x)	177,222	23,924,975	140,240	4,267(x)	456,579(x)	92,216(x)	13,679,845(x)

(x) Ten months total only.

MANGANESE ORE

Table 20 -

Year	Production		Imports	
	Tons	\$	Tons	\$
1940	152	4,315	70,460	777,416
1941	(x)	(x)	104,474	1,170,768
1942	435	8,932	57,589	860,248
1943	48	985	51,234	1,445,252
1944 .....	...	...	85,795	2,370,109
1945 .....	...	...	198,277	4,571,592
1946 .....	...	...	111,902	2,047,777 (10 months only)

(x) 7,500 pounds manganese metal produced at mine from Nova Scotia ore.

MERCURY

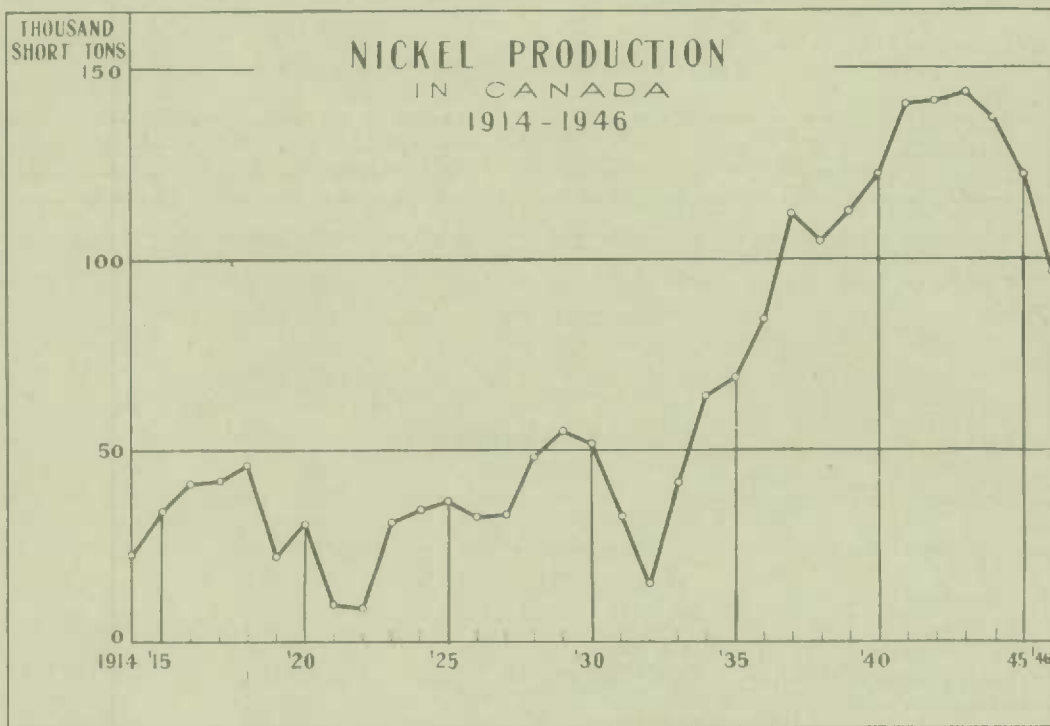
Table 21 -

Year	Production		Imports	
	Pounds	\$	Pounds	\$
1940	155,850	369,517	78,597	202,106
1941	556,304	1,335,697	8,599	24,241
1942	1,055,914	2,943,807	1,971	6,378
1943	1,690,240	4,569,200	2,047	6,981
1944	755,908	1,210,375	35,425	44,171
1945 .....	...	...	27,101	32,924
1946 .....	...	...	106,451	121,586 (10 months only)

MOLYBDENITE

Table 22 -

Year	Concentrates Shipped		Year	Concentrates Shipped	
	Tons	\$		Tons	\$
1940	11.1	10,280	1944	1063.7	1,079,698
1941	98.5	88,470	1945	489.0	411,863
1942	114.0	134,963	1946 (Preliminary)	375.5	350,032
1943	392.3	549,515			



NICKEL

Table 23 -

Year	Production Primary Nickel in All Forms		Exports			
			Nickel Contained in Matte or Spelss		Refined Nickel	
	Tons	\$	Tons	\$	Tons	\$
1940	122,779	59,822,591	38,484	13,854,142	82,168	45,513,150
1941	141,129	68,656,795	42,616	15,351,760	87,739	49,002,172
1942	142,606	69,998,427	41,263	14,854,626	88,308	49,294,531
1943	144,009	71,675,322	36,415	13,109,436	95,240	53,438,303
1944	137,299	69,204,152	35,848	12,185,370	97,509	55,640,407
1945	122,565	61,982,135	28,295	10,186,290	78,168	43,783,221
1946 (Preliminary)	95,406	46,844,738	26,824(x)	9,676,712(x)	65,950(x)	36,406,174(x)

(x) Exports for 1946 are for 10 months only.

METALS OF THE PLATINUM GROUP

Table 24 -

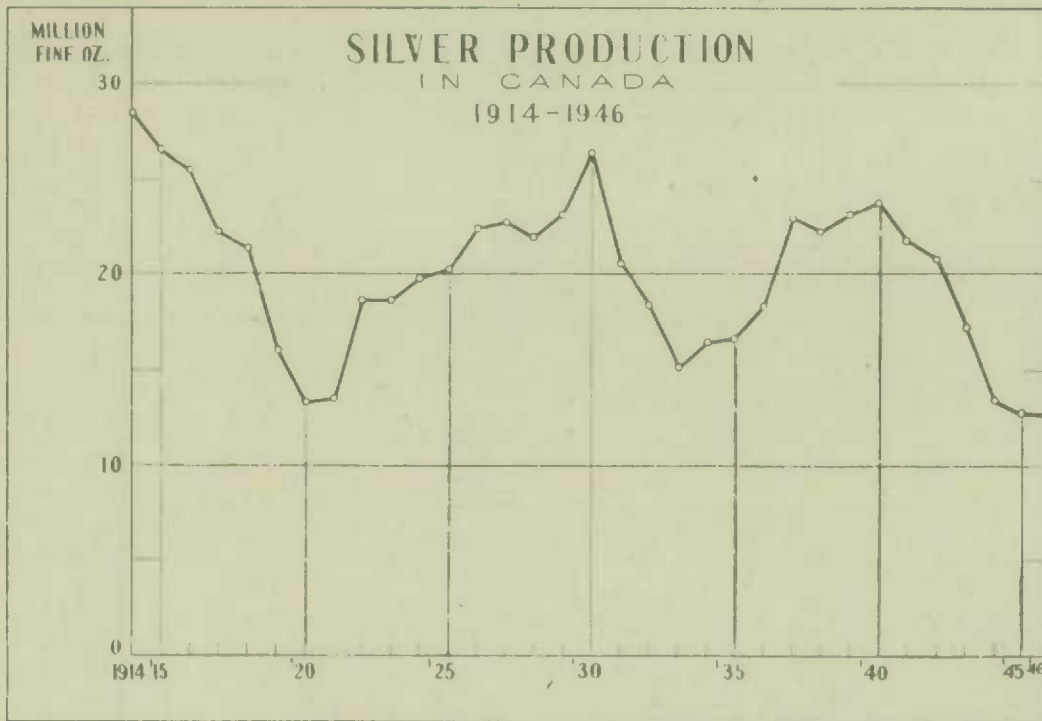
Year	Production (x)			
	Platinum		Palladium, rhodium, iridium, etc.	
	Fine ounces	\$	Fine ounces	\$
1940	108,488	4,240,362	91,522	3,520,746
1941	124,317	4,750,153	97,432	3,396,304
1942	258,228	10,898,561	222,573	8,279,221
1943	219,713	8,458,951	126,004	5,233,068
1944	157,523	6,064,635	42,929	1,960,085
1945	208,234	8,017,010	458,674	18,671,074
1946 (Preliminary)	130,400	8,216,504	114,200	4,758,717

(x) For 1945 and 1946 the figures represent the metal content of concentrates produced from nickel-copper ores. For earlier years the figures refer to refined metals recovered and the contents of concentrates sold.

SELENIUM

Table 25 -

Year	Production		Exports	
	Pounds	\$	Pounds	\$
1940	179,860	343,533	259,419	405,129
1941	406,930	777,236	336,329	540,080
1942	495,369	951,108	225,127	373,101
1943	374,013	654,523	211,530	380,493
1944	298,592	537,466	250,404	445,768
1945	379,187	728,039	350,744	385,369
1946 (Preliminary)	534,000	902,750	615,496	1,081,050 (10 months only)



SILVER

Table 26 -

Year	Production Primary Silver in All Forms		Production Silver Bullion Fine ounces	E x p o r t s			
	Fine ounces	\$		Silver contained in Ore, Concentrates, etc.		Silver Bullion	
				Fine ounces	\$	Fine ounces	\$
1940 ...	23,333,752	9,116,172	Not available	5,633,106	2,052,298	13,612,952	5,113,206
1941 ...	21,754,408	8,323,454	available	4,069,487	1,513,398	13,165,833	5,072,055
1942 ...	20,695,101	8,726,296	17,391,104	3,534,947	1,487,045	10,645,539	4,465,595
1943 ...	17,344,569	7,849,111	15,868,821	2,253,018	1,040,297	9,198,617	4,517,756
1944 ...	13,627,109	5,859,656	12,019,567	2,389,739	1,170,475	3,577,243	1,762,944
1945 ...	12,942,906	6,083,166	10,890,402	2,232,405	1,153,796	2,723,698	1,443,814
1946 ...	12,676,921	10,604,250	10,707,000	1,433,812(x)	1,044,105(x)	1,108,051(x)	978,116(x)

(x) Exports for 1946 are for 10 months only.

TELLURIUM

Table 27 -

Year	Production		Year	Production	
	Pounds	\$		Pounds	\$
1940	3,491	5,607	1944	10,661	18,657
1941	11,453	18,394	1945	484	929
1942	11,084	17,735	1946 (Preliminary)	48,200	65,300
1943	8,600	15,050			

T I N

Table 23 -

Year	Production Refined Tin		Imports Refined Tin	
	Pounds	\$	Pounds	\$
1940 .....	...	...	11,837,800	6,235,268
1941	64,744	33,667	17,438,100	9,652,288
1942	1,237,863	643,689	7,205,100	4,166,714
1943	776,937	450,623	2,631,100	1,504,438
1944	516,626	299,643	2,682,300	1,767,779
1945	849,983	492,990	7,195,000	4,983,234
1946 (Preliminary)	874,000	480,700	8,237,600	5,870,725

TITANIUM ORE

Table 29 -

Year	Production		Year	Production	
	Pounds	\$		Pounds	\$
1940	4,535	24,510	1944	33,973	165,195
1941	12,651	49,110	1945	14,147	67,575
1942	10,031	50,906	1946 (Preliminary)	1,352	6,850
1943	69,437	308,290			

TUNGSTEN

Table 30 -

Year	Production Tungsten Concentrates		Imports Tungsten-bearing Ores	
	Pounds	\$	Pounds	\$
1940	12,002	7,303	(Not available)	
1941	82,846	38,712	"	"
1942	520,981	406,275	1,157,800	1,071,605
1943	1,508,621	1,083,538	121,300	98,412
1944	886,745	245,780	...	...
1945	1,153	1,045	3,900	3,362
1946 .....	...	...	2,000(x)	1,131(x)

(x) Imports for 1946 are for 10 months only.

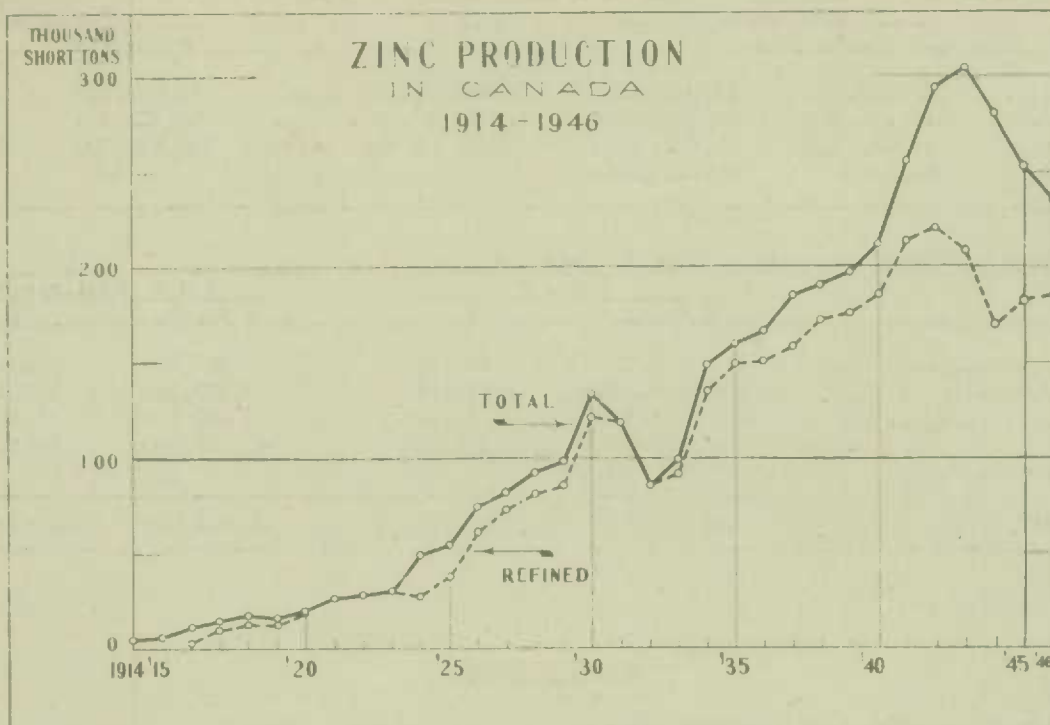
ZINC

Table 31 -

Year	Production Primary Zinc		Production Refined Zinc	Exports			
	in All Forms			Zinc Contained in Ore		Refined Zinc	
	Tons	\$		Tons	\$	Tons	\$
1940	212,014	14,463,624	185,722	33,511	780,852	167,073	11,133,824
1941	256,191	17,477,337	213,608	55,279	2,326,109	141,086	9,876,787
1942	290,129	19,792,579	215,795	76,114	4,070,803	152,158	10,783,049
1943	305,377	24,430,174	206,510	111,275	6,097,117	129,315	10,260,030
1944	275,412	23,685,405	168,518	113,303	7,046,944	95,985	7,666,731
1945	258,607	33,308,556	182,266	91,780	5,540,384	121,960	14,122,706
1946 (x) ..	235,917	36,850,174	185,664	50,761(/)	2,747,427(/)	113,985(/)	13,428,175(/)

(x) Preliminary.

(/) For 10 months only.



FUELS

COAL

Table 32 -

Year	Production		Imports		Exports	
	Tons	\$	Tons	\$	Tons	\$
1940	17,566,884	54,675,844	17,426,734	49,630,132	504,898	2,361,551
1941	18,225,921	58,059,630	20,388,393	61,588,041	531,449	2,596,626
1942	18,865,030	62,897,581	24,937,347	81,851,219	815,585	4,278,345
1943	17,859,057	62,877,549	28,108,922	101,245,455	1,110,101	5,428,362
1944	17,026,499	70,433,169	28,723,854	113,138,016	1,110,240	5,984,827
1945	16,506,713	67,588,402	25,061,556	102,431,974	840,708	5,303,543
1946 (Preliminary)	17,692,052	74,418,107	21,280,527 (x)	98,981,041	684,616 (x)	4,656,268

(x) 1946 Imports and Exports are for 10 months only.

Table 33 - COAL PRODUCTION, BY PROVINCES

Province	1945		1946 (Preliminary)	
	Tons	\$	Tons	\$
Nova Scotia	5,112,615	28,350,278	5,449,121	30,172,437
New Brunswick	361,184	2,021,806	373,871	2,132,214
Saskatchewan	1,532,995	2,327,082	1,508,309	2,448,715
Alberta	7,800,151	27,751,377	8,734,696	32,720,900
British Columbia	1,699,768	7,137,859	1,626,055	6,943,841
CANADA	16,506,713	67,588,402	17,692,052	74,418,107

NATURAL GAS

Table 34 -

Year	Production		Year	Production	
	M cu.ft.	\$		M cu. ft.	\$
1940	41,232,125	13,000,593	1944	45,067,158	11,422,541
1941	43,495,353	12,665,116	1945	48,411,585	12,309,564
1942	45,697,359	13,301,655	1946 (Preliminary)	46,902,000	11,354,000
1943	44,198,005	11,813,629			

Table 35 - NATURAL GAS PRODUCTION, BY PROVINCES, 1945 and 1946

Province	1945		1946 (Preliminary)	
	M cu.ft.	\$	M cu.ft.	\$
New Brunswick	653,230	317,568	512,000	251,000
Ontario	7,199,970	4,837,586	6,000,000	4,000,000
Saskatchewan	163,824	58,165	201,000	70,000
Alberta	40,393,061	7,095,910	40,189,000	7,033,000
Northwest Territories	1,500	335	...	...
CANADA	48,411,585	12,309,564	46,902,000	11,354,000

CRUDE PETROLEUM

Table 36 -

Year	Production		Year	Production	
	Barrels	\$		Barrels	\$
1940	8,590,978	11,160,213	1944	10,099,404	15,429,900
1941	10,133,838	14,415,096	1945	8,482,796	13,632,248
1942	10,364,796	15,968,851	1946 (Preliminary)	7,668,000	14,961,000
1943	10,052,302	16,470,417			

Table 37 - CRUDE PETROLEUM PRODUCTION, BY PROVINCES

Province	1945		1946 (Preliminary)	
	Barrels	\$	barrels	\$
New Brunswick	30,140	42,413	29,000	41,000
Ontario	113,325	268,478	121,000	284,000
Saskatchewan	14,374	15,362	146,000	160,000
Alberta	7,979,786	13,169,692	7,149,000	14,189,000
Northwest Territories	345,171	136,303	223,000	287,000
TOTAL	8,482,796	13,632,248	7,668,000	14,961,000

CLAY PRODUCTS AND OTHER STRUCTURAL MATERIALS

CLAY PRODUCTS

Table 38 -

Year	Production		Year	Production	
	\$	\$		\$	\$
1940	6,344,547		1944	6,997,425	
1941	7,575,336		1945	8,913,092	
1942	7,081,723		1946 (Preliminary)..	12,225,575	
1943	6,608,193				

CEMENT

Table 39 -

Year	Production		Imports		Exports	
	Barrels	\$	Barrels	\$	Barrels	\$
1940	7,559,648	11,775,345	13,213	69,821	299,975	414,442
1941	8,368,711	13,063,588	11,986	59,162	310,873	517,762
1942	9,126,041	14,365,237	26,320	116,126	273,880	476,284
1943	7,302,289	11,599,033	18,577	83,975	172,601	344,304
1944	7,190,851	11,621,372	14,004	76,838	210,449	377,434
1945	8,471,679	14,246,480	32,653	141,539	281,944	535,012
1946 (Preliminary)	11,415,167	19,502,190	203,012 (x)	676,582	113,517 (x)	234,480

(x) 1946 Imports and Exports are for 10 months only.

L I M E

Table 40 -

Year	P r o d u c t i o n					
	Quicklime		Hydrated Lime		T O T A L	
	Tons	\$	Tons	\$	Tons	\$
1940	623,803	4,421,758	92,927	772,797	716,730	5,194,555
1941	723,864	5,287,711	137,021	1,070,230	860,885	6,357,941
1942	749,282	5,646,049	135,548	884,790	884,830	6,530,839
1943	766,147	5,990,088	141,621	842,904	907,768	6,832,992
1944	738,202	5,948,079	146,940	978,765	885,142	6,926,844
1945	708,173	5,579,868	124,080	945,170	832,253	6,525,038
1946 (Preliminary)	--	Not available	--	--	824,609	6,517,276

SAND AND GRAVEL

Table 41 -

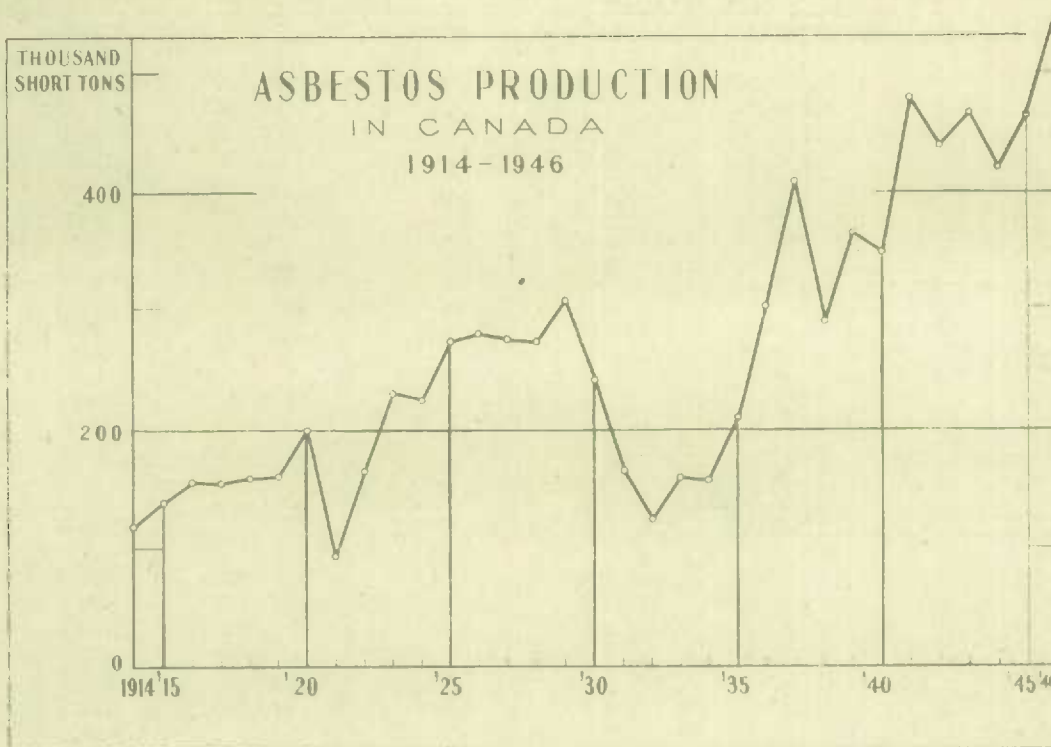
Year	Production		Year	Production	
	Tons	\$		Tons	\$
1940	31,375,415	11,759,245	1944	28,399,986	10,280,119
1941	31,604,806	10,375,723	1945	29,750,703	10,568,363
1942	26,349,907	9,005,414	1946 (Preliminary)	36,223,834	14,123,405
1943	25,744,469	9,005,857			

S T O N E

Table 42 -

Year	Production		Year	Production	
	Tons	\$		Tons	\$
1940	7,447,665	7,398,959	1944	5,994,992	7,159,177
1941	7,940,801	8,000,684	1945	6,205,555	8,166,700
1942	7,978,066	8,746,594	1946 (Preliminary)	6,846,263	9,046,158
1943	7,222,950	7,964,179			

OTHER NON-METALLICS



ASBESTOS

Table 43 -

Year	Production		Exports		
	Tons	\$	Crude Tons	Milled Fibres Tons	Waste, Refuse or Shorts Tons
1940	346,805	15,619,865	2,082	179,564	154,929
1941	477,846	21,468,840	2,757	217,498	235,654
1942	439,459	22,663,283	2,796	198,452	226,209
1943	476,196	23,169,505	1,990	210,837	230,172
1944	419,265	20,619,516	1,541	181,668	212,728
1945	466,897	22,805,157	863	209,765	229,929
1946 (Preliminary)	549,497	24,490,695	494(x)	179,477(x)	244,934(x)

(x) 1946 Exports are for 10 months only.

MARITE

Table 44 -

Year	Production		Imports	
	Tons	\$	Tons	\$
1940	338	4,819	2,622	64,922
1941	6,890	74,416	3,431	81,620
1942	19,667	188,144	2,536	68,196
1943	24,474	279,253	1,686	45,239
1944	114,387	1,052,045	1,824	47,913
1945	139,589	1,211,403	1,150	32,531
1946 (Preliminary)	102,263	1,006,867	1,278	34,812 (10 months only)

FELDSPAR

Table 45 -

Year	Production		Imports		Exports	
	Tons	\$	Tons	\$	Tons	\$
1940	21,455	187,623	790	14,334	14,255	95,846
1941	26,040	244,284	756	12,866	12,926	86,867
1942	22,270	213,941	563	12,021	564	12,087
1943	23,858	237,771	526	12,866	12,724	96,453
1944	23,509	227,632	546	10,658	13,081	102,918
1945	30,246	282,656	826	15,052	16,888	125,028
1946 (Preliminary)	36,369	338,986	617 (x)	11,849	14,188 (x)	103,015

(x) 1946 Imports and Exports are for 10 months only.

FLUORSPAR

Table 46 -

Year	Production		Imports	
	Tons	\$	Tons	\$
1940	4,454	59,317	30,316	628,719
1941	5,534	97,767	26,539	567,656
1942	6,199	146,039	47,784	1,046,526
1943	11,210	318,424	77,436	1,738,669
1944	6,924	217,701	37,101	840,309
1945	7,369	233,708	20,512	530,670
1946 (Preliminary)	7,554	218,421	26,763	606,227 (10 months only)

GRAPHITE

Table 47 -

Year	Production		Imports			Exports
	Tons	\$	Plumbago, Not Ground or Otherwise Manufactured	Crucibles Plumbago	Plumbago, Ground and Manufactures of. P.O.P.	\$
			\$	\$	\$	
1940 .....	...	94,038	24,380	151,200	179,677	75,947
1941 .....	...	132,924	44,242	209,586	213,359	77,586
1942 .....	...	117,904	39,361	340,761	273,301	58,572
1943	1,903	197,431	23,773	191,296	286,583	42,987
1944	1,582	171,166	48,095	128,738	261,205	62,739
1945	1,910	179,001	66,869	115,256	277,242	124,295
1946 (Preliminary)	1,975	201,450	76,157(x)	121,909(x)	291,548(x)	114,832(x)

(x) Total 10 months only.

G Y P S U M

Table 48 -

Year	Production		Exports Crude Gypsum	
	Tons	\$	Tons	\$
1940	1,448,788	2,065,933	1,312,005	1,347,332
1941	1,593,406	2,248,428	1,165,726	1,186,167
1942	566,166	1,254,182	489,842	544,094
1943	446,848	1,381,468	185,210	213,022
1944	596,164	1,511,978	386,949	434,123
1945	839,781	1,783,290	558,632	581,625
1946 (Preliminary)	1,833,717	3,226,000	1,074,686	1,137,213 (10 months only)

I R O N O X I D E S

Table 49 -

Year	Production		Year	Production	
	Tons	\$		Tons	\$
1940	9,979	111,874	1944	8,599	150,250
1941	10,045	142,069	1945	10,314	172,053
1942	9,304	151,653	1946 (Preliminary)	13,026	148,422
1943	8,401	135,893			

M A G N E S I T I C - D O L O M I T E A N D B R U C I T E

Table 50 -

Year	Production Magnesitic-dolomite and Brucite	Imports Dead-burned, Sintered and Calcined		Exports dead-burned Refractories	
		Magnesite		Refractories	
		Tons	\$	Tons	\$
1940	897,016	1,597	102,754	12,826	333,958
1941	831,041	4,804	278,061	1,548	45,399
1942	1,059,374	6,463	308,921	537	25,108
1943	1,260,056	8,567	405,616	9,006	110,976
1944	1,139,281	7,790	466,314	1,013	31,583
1945	1,278,596	4,007	279,910	1,550	82,483
1946 (Preliminary)	1,282,424	4,369 (x)	343,492	1,658 (x)	68,209

(x) 1946 Imports and Exports are for 10 months only.

M I C A

Table 51 -

Year	Production		Year	Production	
	Pounds	\$		Pounds	\$
1940	1,806,219	237,145	1944	6,684,846	841,028
1941	3,487,891	335,238	1945	7,044,221	233,270
1942	6,019,671	383,567	1946 (Preliminary)	4,522,131	169,780
1943	8,050,692	553,856			

MINERAL WATERS

Table 52 -

Year	Production		Year	Production	
	Imperial gallons	\$		Imperial gallons	\$
1940	140,663	20,892	1944	156,150	79,031
1941	181,064	72,531	1945	244,761	126,499
1942	157,085	74,505	1946 (Preliminary)	240,000	125,000
1943	139,611	67,541			

NEPHELINE SYENITE

Table 53 -

Year	Production		Exports	
	Tons	\$	Tons	\$
1940	20,510	117,849	23,812	111,357
1941	39,707	227,583	29,385	109,936
1942	42,206	246,893	32,840	89,520
1943	49,901	292,010	36,240	129,826
1944	47,825	217,989	35,310	123,905
1945	61,345	275,766	48,351	153,311
1946 (Preliminary)	57,000	199,000	43,873	141,342 (10 months only)

PEAT MOSS

Table 54 -

Year	Production		Exports	
	Tons	\$	Tons	\$
1940 .....	...	...	Not available	
1941	27,803	644,253		
1942	53,506	1,069,372		
1943	64,360	1,461,422		
1944	80,446	1,869,553	63,949	2,105,370
1945	83,963	2,011,139	76,409	2,625,514
1946 (Preliminary)	87,149	2,505,835	65,436	2,274,394 (10 months only)

PHOSPHATE ROCK

Table 55 -

Year	Production		Imports	
	Tons	\$	Tons	\$
1940	358	4,039	165,858	663,554
1941	2,487	33,376	237,029	863,833
1942	1,264	17,431	271,373	1,053,229
1943	1,451	18,385	260,846	1,085,080
1944	482	6,716	388,247	1,710,378
1945	299	4,356	317,695	1,450,580
1946 (Preliminary)	57	872	320,747	1,872,188 (10 months only)

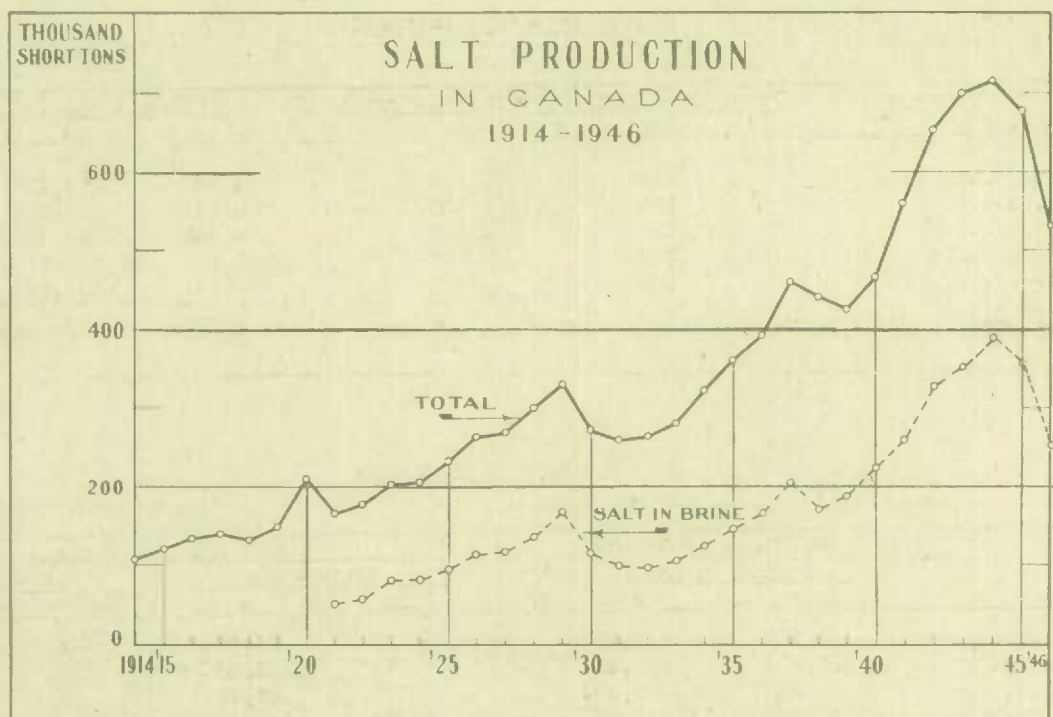
QUARTZ

Table 56 -

Year	Production Quartz, Quartzite, etc.		Exports of Quartzite	
	Tons	\$	Tons	\$
1940	1,858,302	1,203,527	106,203	195,163
1941	2,052,878	1,366,187	105,077	190,933
1942	1,738,174	1,538,162	82,570	147,172
1943	1,776,749	1,608,448	68,555	124,345
1944	1,740,262	1,658,409	126,608	260,131
1945	1,513,628	1,535,458	121,435	282,578
1946 (Preliminary)	1,243,825	1,329,224	161,241	363,609 (10 months only)

Table 57 -

Year	Imports Ganister		Imports Silax or Crystallized Quartz, Ground or Unground		Imports Flint and Ground Flint Stones		Imports Silica Sand	
	Tons	\$	Tons	\$	Tons	\$	Tons	\$
1940	395	3,484	4,149	56,814	579	13,698	278,727	556,683
1941	759	5,216	5,075	130,000	953	18,605	421,144	782,977
1942	949	8,865	9,781	442,233	936	18,645	540,904	1,011,476
1943	484	3,970	11,411	945,967	884	17,617	509,043	1,011,117
1944	347	2,463	8,773	530,200	1,481	30,487	457,603	914,390
1945	426	3,384	7,250	247,393	711	20,550	410,427	926,648
1946 (10 months only)	342	2,426	7,679	83,519	787	32,925	330,240	772,103



S A L T

Table 58 -

Year	Commercial Salt		P r o d u c t i o n		T O T A L	
			Salt in Brine (x)			
	Tons	\$	Tons	\$	Tons	\$
1940	240,705	2,464,297	224,009	358,972	464,714	2,823,269
1941	302,134	2,765,512	258,711	430,653	560,845	3,196,165
1942	326,124	3,263,406	327,548	580,781	653,672	3,844,187
1943	341,541	3,495,036	346,145	984,342	687,686	4,379,578
1944	325,018	3,498,526	370,199	575,495	695,217	4,074,021
1945	324,588	3,505,484	348,483	549,236	673,076	4,054,720
1946 (Preliminary)	276,140	2,972,933	254,110	397,578	530,250	3,370,511

(x) Dry salt and salt in brine used by producers for manufacture of chemicals.

Table 59 -

Year	For use of the Sea or Gulf Fisheries		Imports of Salt				Total Exports of Salt	
			In Bulk, n.o.p.		In Bags, Barrals, etc., n.o.p.			
	Tons	\$	Tons	\$	Tons	\$	Tons	\$
1940	34,682	125,838	53,401	202,454	24,427	229,194	6,349	61,922
1941	16,675	87,797	47,837	200,547	16,918	161,448	12,525	121,784
1942	20,865	141,050	35,295	165,762	13,182	133,895	9,326	128,832
1943	21,037	161,255	47,687	245,913	16,064	181,940	8,061	118,174
1944	31,458	173,123	91,358	461,953	24,466	211,981	3,182	80,672
1945	28,703	174,211	88,822	443,192	19,641	187,599	5,314	105,494
1946 (10 months only)	40,841	245,168	103,926	481,089	30,275	287,200	5,635	107,629

SODIUM CARBONATE (Natural)

Table 60 -

Year	Production Natural Sodium Carbonate		Imports of Soda Ash	
	Tons	\$	Tons	\$
1940	220	1,760	4,647	110,285
1941	186	1,488	38,944	816,067
1942	256	2,048	65,589	1,540,247
1943	468	5,148	70,557	1,213,818
1944	44	484	20,141	583,653
1945	286	3,146	2,229	91,655
1946 (Preliminary) ..	210	2,310	4,756	160,856 (10 months only)

SODIUM SULPHATE (Natural)

Table 61 -

Year	Production of Natural Sodium Sulphate		I m p o r t s			
			Salt Cake		Glauber's Salt	
	Tons	\$	Tons	\$	Tons	\$
1940	94,260	829,589	8,295	94,674	543	12,450
1941	115,608	931,554	7,819	105,502	250	8,244
1942	131,258	1,079,692	7,071	85,479	75	4,664
1943	107,121	1,025,151	11,904	150,496	566	16,399
1944	102,421	987,842	20,459	195,105	777	21,960
1945	93,068	884,322	13,540	120,982	1,016	29,452
1946 (Preliminary)	105,768	1,030,546	17,429(x)	195,141(x)	1,048(x)	28,366(x)

(x) 1946 Imports are for 10 months only.



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SULPHUR

Table 62 -

Year	Production Sulphur in Pyrites and in Smelter Gases		Imports of Sulphur		Exports of Sulphur in Pyrites	
	Tons	\$	Tons	\$	Tons	\$
	1940	170,630	1,298,018	215,597	3,628,348	40,380	230,981
1941	260,023	1,702,786	235,271	3,920,184	129,629	585,258
1942	303,714	1,994,891	290,121	4,680,672	166,451	700,918
1943	257,515	1,753,425	218,527	3,524,006	104,509	409,597
1944	248,088	1,755,739	235,955	3,875,649	90,836	353,441
1945	250,114	1,881,321	248,846	4,063,324	75,479	315,232
1946 (Preliminary)	231,476	1,766,119	226,829(x)	3,588,567	64,031(x)	269,637(x)

(x) 1946 Imports and Exports are for 10 months only.

TALC AND SOAPSTONE

Table 63 -

Year	Production			
	Talc		Soapstone (x)	
	Tons	\$	Tons	\$
1940	15,168	154,734	...	74,905
1941	18,171	204,884	16,461	155,925
1942	15,499	174,295	14,369	136,529
1943	11,959	131,216	14,204	135,469
1944	13,584	153,122	19,013	204,127
1945	12,863	141,194	14,225	153,694
1946 (Preliminary)	13,000	130,000	19,152	149,100

(x) Includes some low grade talc.

Year	Imports of Talc and Soapstone		Exports of Talc	
	Tons	\$	Tons	\$
1940	2,719	66,238	10,232	142,577
1941	4,804	93,455	19,411	263,568
1942	5,441	114,852	16,055	214,033
1943	6,450	130,813	11,365	146,516
1944	6,094	130,603	11,920	157,178
1945	6,388	131,863	7,363	100,114
1946 (10 months only)	5,577	127,506	5,472	62,353