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DOMINION BUREAU OF STATISTICS CANADA

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[illegible]

TALC AND SOAPSTONE, 1932.

The production of talc and soapstone in Canada during 1932 was valued at \$159,038 as compared with an output worth \$157,083 in 1931 and \$186,216 in 1930, according to finally revised statistics just issued by the Mining, Metallurgical and Chemical Branch of the Dominion Bureau of Statistics at Ottawa. It is worthy of note that the Canadian talc and soapstone industry realized a 1.2 per cent increase in the value of their 1932 output over that for the preceding year.

Soapstone is produced in Quebec by the Broughton Soapstone and Quarry Co. Ltd. This company is in continuous operation throughout the year. Production consists of **sawn** blocks used as a refractory lining for alkali recovery furnaces in pulp mills, and of powdered material which finds a market as filler in various industries and in the manufacture of putty.

High grade talc was mined in Hastings county, Ontario, by the Canada Talc Company, Ltd., and Henderson Mines, Ltd.; refined talc was produced during the year near Madoc, Ontario, by Geo. H. Gillespie & Co. Ltd., and the Canada Talc Co. Ltd. This product was shipped to points in Canada, United States and Europe. The preparation of the mineral for the market includes crushing, drying, grinding and bolting. Talc was also produced at Anderson Lake in British Columbia by the B. C. Refractories Ltd.; this company employs air flotation in the processing of commercial grades of the mineral.

The physical characteristics of talc largely determine its economic importance. Talc is now utilized in cosmetic manufacture, paper making, paint, rubber and textile filling, ceramic and glass manufacture, insulating, lubrication, making of refractory facings, roofing, and dusting coal mines. In its natural form it can be shaped and baked into electrical fittings. Some of these so-called "lava" products become extremely hard after heat treatment. The mineral is also used in the manufacture of crayons, pencils, etc.

H. M. Customs, United Kingdom, have issued import duties (exemptions) (No. 7) Order 1953, under which talc, steatite and soapstone are transferred to the free list under the Import Duties Act, 1932, as from July 7.

The total imports of talc or soapstone, French chalk, crude, manufactured or ground, for consumption in the United States in 1932 amounted to 19,978 short tons valued at \$357,102, representing decreases of 15 per cent in quantity and 18 per cent in value compared with 1931.

Imports into the United States from Canada, France and Italy during 1931 and 1932, were as follows:

	1	9	3	1	1	9	3	2
	short	tons		\$	short	tons		\$
Canada	6,829			67,817	6,378			58,097
France	8,020			94,556	5,952			76,436
Italy	7,707			207,542	6,917			190,068

PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF TALC AND SOAPSTONE, 1932.

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	1	9	3	1	1	9	3	2
	Quantity		Value		Quantity		Value	
	Ton		\$		Ton		\$	
<u>PRODUCTION -</u>								
Soapstone (Quebec)		34,439		12,103		46,751	
Talc (Ontario and Br. Columbia)	11,836		122,644		12,103		112,287	
Total Canada		157,083		...		159,038	
<u>IMPORTS -</u>								
Talc or soapstone, ground or unground -								
From - United Kingdom	151		11,162		197		17,352	
United States	2,221		29,788		1,409		22,570	
Other countries	298		8,502		294		9,852	
Total Imports	2,670		49,452		1,900		49,774	
<u>EXPORTS -</u>								
Talc -								
To - United Kingdom	950		14,789		1,482		24,186	
United States	6,866		68,405		6,313		61,329	
Other countries	36		571		11		275	
Total Exports	7,852		83,765		7,806		85,790	

PRINCIPAL STATISTICS OF THE TALC AND SOAPSTONE INDUSTRY IN CANADA, 1931 and 1932.

	1931	1932
Number of firms	5	5
Capital employed\$	618,590	703,532
Number of employees - On Salaries	7	8
On Wages	63	75
Total	70	83
Salaries and wages - Salaries\$	23,275	20,422
Wages\$	48,512	56,155
Total\$	71,787	76,577
Cost of fuel and electricity\$	19,128	17,930
Selling value of products\$	157,083	159,038

LIST OF FIRMS IN THE CANADIAN TALC AND SOAPSTONE INDUSTRY, 1932.

Name	Head Office Address	Location of Plant
<u>QUEBEC -</u>		
Broughton Soapstone and Quarry Co. Ltd.	Broughton Station	Beauce Co.
<u>ONTARIO -</u>		
Canada Talc Co. Ltd.	Madoc	Hastings Co.
Gillespie, Geo. H.	Madoc	Madoc
Henderson Mines Ltd.	Madoc	Hastings Co.
<u>BRITISH COLUMBIA -</u>		
B. C. Refractories Ltd.	660 Taylor St., Vancouver	Anderson Lake

Talc prices, United States, September, 1933, were as follows:- New Jersey f.o.b. works carload lots, per ton, containers included, mineral pulp ground, \$10 to \$12. New York, per ton, double air-floated, short fibre, 200 mesh, f.o.b. works, \$13.75; 325 mesh, \$14.75. Vermont, 99 per cent through 200 mesh, extra white, bulk basis, per ton, f.o.b., \$8.50; 97 to 98 per cent through 200 mesh, medium white, \$8; packing in paper bags \$1 per ton extra. Virginia, 200 mesh, \$4.40 to \$4.70; 325 mesh, \$6.20 to \$7; crude, \$3.

WORLD PRODUCTION OF TALC, 1930 and 1931.

(Taken from the Imperial Institute's publication "The Mineral Industry of the British Empire and Foreign Countries.")

(Long tons)

	1930	1931
<u>BRITISH EMPIRE</u>		
United Kingdom	185	160
Union of South Africa	349	210
Canada (sales) (g)	10,572	10,568
India	6,857	5,135
Australia	681	846
<u>FOREIGN COUNTRIES</u>		
Austria	25,000	25,000
Finland	2,803	(a)
France	(a)	(a)
Germany (Bavaria)	5,702	4,142
Greece	252	(a)
Italy	37,491	37,800
Norway	7,569	4,062
Roumania (d)	3,300	(a)
Spain (b)	3,621	(a)
Sweden	5,036	(a)
Morocco (French zone) (exports)	552	34
United States (sales) (c)	160,165	146,207
Uruguay (exports)	1,440	1,761
China	26,000	22,000

Note:- 5,480 long tons of talc were recorded as produced in Russia during the year ended September, 1928 - later figures are not available.

(a) Information not available.

(b) In addition the following were quarried: 1,770 cubic yards in 1930.

(c) Excluding steatite, figures of which are not available for publication.

(d) Converted from cubic metres at rate of 1 cu. metre = 2 long tons.

(g) Excluding soapstone, which is only recorded by value and was as follows:-

1930 £ 10,232

1931 £ 7,300

Data for 1932 not yet available.



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WORLD IMPORTS OF TALC, 1930 and 1931.

(Taken from the Imperial Institute's publication "The Mineral Industry of the British Empire and Foreign Countries.")

(Long tons)

Importing Country and Description	1930	1931
<u>BRITISH EMPIRE</u>		
United Kingdom	14,848	13,558
Canada	4,285	2,384
Australia	271	360
<u>FOREIGN COUNTRIES</u>		
Austria	164	100
Belgium-Luxemburg E.U.	3,701	3,322
Czechoslovakia	2,416	2,138
Denmark	1,457	1,253
Estonia	115	28
Finland	1,248	917
France	6,638	5,022
Germany	21,300	19,232
Jugoslavia	695	638
Latvia	70	42
Lithuania	38	33
Poland	2,220	1,653
Roumania	365	(a)
Sweden	(a)	(a)
Algeria	194	(a)
Egypt	1,614	1,387
Tunis	529	522
Panama.....	33	(a)
United States (including manufactures)	22,511	21,025
Argentina	1,254	2,059
Chile	136	128
Colombia	127	(a)
Peru	61	80
Venezuela	(a)	(a)
Formosa	24	(a)
French Indo-China	13	8
Japan (total imports)	36,485	40,750
Syria and Lebanon	23	38
Turkey	18	13

(a) Information not available.

Data for 1932 not yet available.