

[illegible]

In the "dry grinding" a high speed pulverizer is used. The material is drawn out by a suction fan, passed through a cyclone collector and is finally screened to three grades between 20 and 100 mesh in wire cloth and trommels.

The future development of mica deposits depends to some degree upon the extent to which substitutes may enter into competition with existing uses for the mineral.

Quotations for United States mica at the end of 1931 were as follows:- New Mexico white scrap, f.o.b. per ton, \$21.00; off color, \$18.00; punch white for discs, per pound, 10 cents; for washers, 8 cents. New Hampshire roofing mica, \$23.00 per ton f.o.b.; snow, \$34.00; 40 mesh white, \$40.00; 60 mesh, \$48.00; 100 mesh, \$60.00; 200 mesh, \$75.00; clean dry mixed bench and mine scrap, \$13.00. North Carolina punch, 3 to 5 cents per pound, f.o.b.; 1½ x 2 inch, 20 to 30 cents; 2 x 2, 30 to 50 cents; 2 x 3, 60 to 90 cents; 3 x 3, \$1.00 to \$1.40; 3 x 4, \$1.40 to \$1.80; 3 x 5, \$1.50 to \$2.00; 4 x 6, \$2.25 to \$3.00; 6 x 8, \$2.50 to \$3.75; 8 x 10, \$5.00 to \$7.50. Black stained mica takes a discount of 10 to 25 per cent from this schedule. White North Carolina mica, 70 mesh, \$60 to \$80. Biotite or black mica, \$15.00 a ton unground.

Note:- Prices taken from "Engineering and Mining Journal"; information regarding United States production from United States Bureau of Mines bulletin.

PRODUCTION OF MICA IN CANADA, BY GRADES, 1931.

	Pounds	Value, f.o.b. shipping point	Price per pound
		\$	\$
Rough cobbled
Thumb-trimmed	49,835	5,717	0.11
Splittings	37,475	14,398	0.38
Scrap	2,589,918	33,951	0.01
TOTAL	2,677,228	54,066	0.02

PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF MICA, 1931.

	Tons	Value \$
<u>PRODUCTION</u> -		
Quebec	290	30,601
Ontario	1,049	23,465
TOTAL	1,339	54,066
<u>IMPORTS</u> -		
Mica and manufactures of, n.o.p..	...	92,294
<u>EXPORTS</u> -		
Rough cobbled and thumb-trimmed ..	24	3,428
Splittings	19	14,672
Scrap and waste	1,232	32,600
Plate and manufactures (micanite)	...	797
TOTAL	51,497

PRINCIPAL STATISTICS OF THE MICA INDUSTRY IN CANADA, 1930 and 1931.

	1930	1931
Number of firms	12	11
Capital employed	441,744	276,356
Number of employees:- On salary	4	3
On wages	240	25
Total	244	28
Salaries and wages:- Salaries	6,938	5,770
Wages	56,378	16,786
Total	63,316	22,556
Cost of fuel and electricity	1,102	444
Selling value of products	96,004	54,066

WORLD PRODUCTION OF MICA, 1929 and 1930.
(Supplied by Imperial Institute)
(Long tons)

Country and Description	1929	1930
<u>BRITISH EMPIRE</u>		
Kenya	2	...
Northern Rhodesia	3	4
Southern Rhodesia	169	162
South West Africa (waste)	31	...
Tanganyika Territory	29	21
Union of South Africa (b)	1,525	878
Canada -		
Rough cobbled	20
Thumb-trimmed	43	4
Splittings	10	34
Scrap	3,566	987
Ceylon (exports)	(12 cwt.)	...
British India (exports) -		
Sheet	890	741
Splittings	4,914	3,404
Australia	27	26
<u>FOREIGN COUNTRIES</u>		
Norway (exports) - Sheet	1
Scrap	58	51
Russia (years ended Sept. 30)	(a)	(a)
Sweden	65	72
Madagascar - Muscovite	(c) 28	(c) 18
Phlogopite, etc.	(c) 372	(c) 372
United States (sales) - Sheets (uncut)	909	654
Scrap	5,583	6,011
Argentina	117	98
Brazil	44	51
Korea	22	28
Guatemala	2	(a)

(a) Information not available. (b) Nearly all scrap. (c) Exports.

The following amounts of lithium mica were produced:

	1929	1930
South West Africa	740	250 long tons
France	(a)	(a)
Germany	740	(a)
Portugal		269 long tons

Complete data for 1931 not yet available.

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