

26-220

Published by Authority of Hon. H. H. Stevens, M.P.,
Minister of Trade and Commerce.

Annual Bulletin
44-20-11-30
750 copies

DOMINION BUREAU OF STATISTICS - CANADA
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MISCELLANEOUS NON-METALLIC MINERALS IN CANADA, 1929.

The Mining, Metallurgical and Chemical Branch of the Dominion Bureau of Statistics at Ottawa reports finally revised statistics on the production in Canada during 1929 of actinolite, barytes, beryl crystals, bituminous sands, fluorspar, graphite, magnesite, magnesium sulphate, bog manganese, mineral waters, natro-alunite, peat, phosphate, silica brick, sodium carbonate, sodium sulphate, and sulphur, as follows:-

ACTINOLITE - Shipments of actinolite to the United States from Canadian deposits during 1929 amounted to 30 tons valued at \$375 as compared with 70 tons worth \$875 shipped in the previous year. The production of actinolite in Canada has been confined to Elzevir and Kaladar townships in Hastings and Addington counties, Ontario. This material, which is a calcium-magnesium-iron silicate is used in the manufacture of coal-tar roofing compounds.

BARYTES. - Barytes shipments during 1929 amounted to 105 tons valued at \$2,341 as against 127 tons at \$2,647 in 1928. The 1929 production was obtained from the mine at Lake Ainslie, Inverness county, Nova Scotia. Imports of barytes into Canada during the period under review totalled 2,646 tons with a valuation of \$52,073.

BERYL CRYSTALS - The shipments of beryl crystals included in this year's records were made from Lyndoch township, Ontario, to Germany in 1927 but were not reported previously.

BITUMINOUS SANDS - Shipments of bituminous sands from the Fort McMurray district, Alberta, in 1929, amounted to 989 tons valued at \$3,956, as compared with 94 tons worth \$374 shipped last year.

FLUORSPAR - Production of fluorspar in Canada during 1929 totalled 17,870 tons worth \$268,120. This year's production was obtained principally from the Consolidated Mining & Smelting Company's Rock Candy mine in British Columbia.

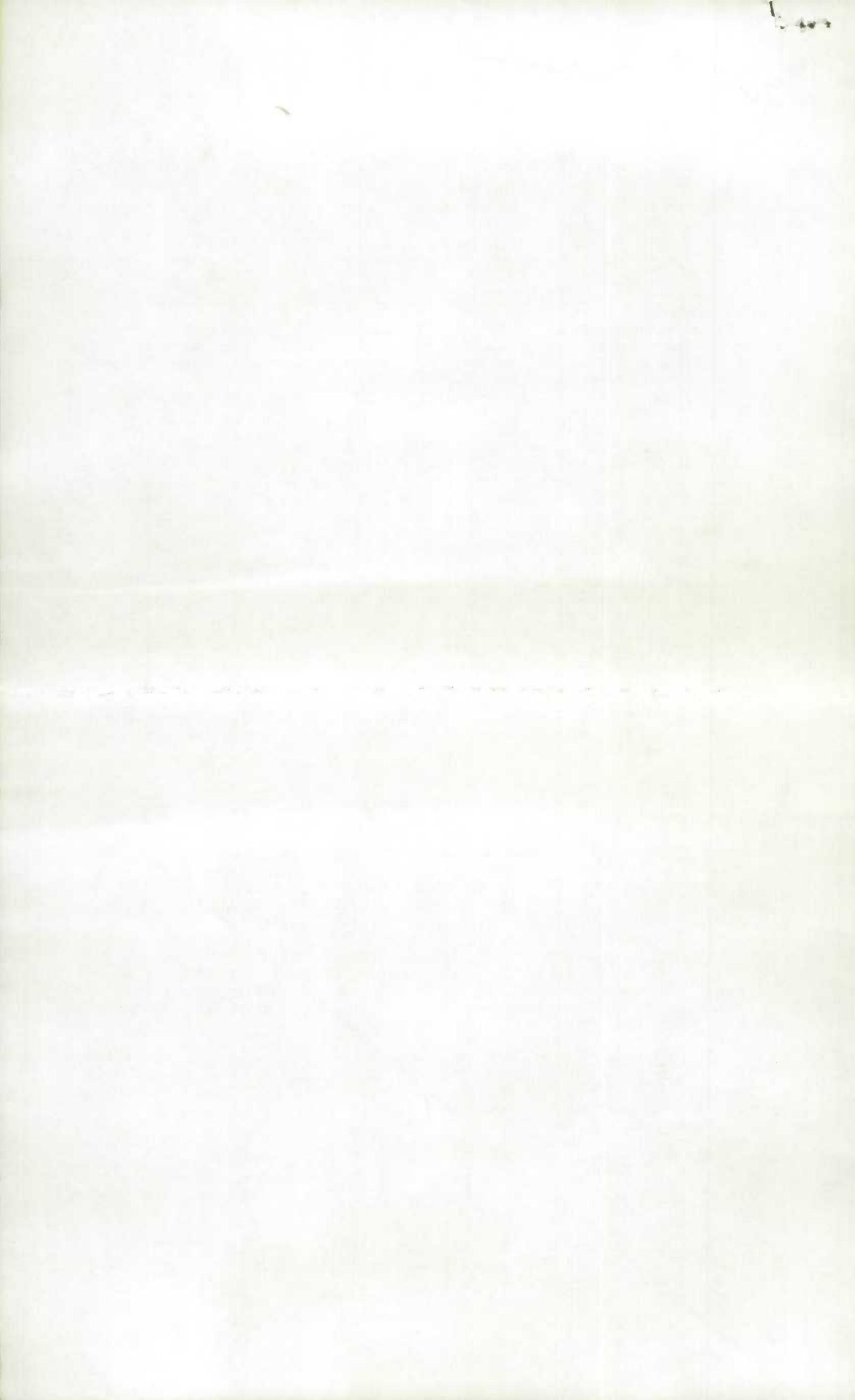
GRAPHITE - The Canadian production of graphite in 1929 was obtained from deposits in Ontario and Quebec. The 1929 shipments totalled 1,461 tons worth \$103,174 as against 1,097 tons valued at \$57,041 shipped in 1928. Exports of graphite, crude or refined, were recorded at 1,582 tons evaluated at \$68,647, of which the United States received 1,572 tons worth \$86,740.

MAGNESITE - Shipments of dead-burned and calcined magnesite from Canadian deposits during 1929 reached a total of 13,809 tons valued at \$491,170, as compared with 13,195 tons at \$346,990 shipped in 1928. Exports of magnesite were recorded at 5,279 tons, a considerable increase over the 1928 total of 1,827 tons. These exportations were principally to the United Kingdom.

MAGNESIUM SULPHATE - No activities have been reported in this industry since 1923. In that year 121 tons of refined magnesium sulphate were shipped from a deposit near Ashcroft, British Columbia. Imports of magnesium sulphate or epsom salts during 1929 reached a total of 2,565 tons valued at \$33,481; in the previous year 2,508 tons worth \$47,717 were brought into Canada.

MANCANESE, BOG - A deposit of bog manganese at Dawson Settlement, near Hillsborough, New Brunswick, was operated during 1929. The shipments from this property were consigned to the province of Quebec for use as a colouring agent in the brick trade.

MINERAL WATERS - Production of mineral waters in Canada during 1929 amounted to 321,905 gallons valued at \$16,139, made up of 12,205 gallons from Quebec and 309,700 gallons from Ontario springs.



NATRO-ALUNITE - There has been no production of natro-alunite in Canada since 1927. During that year a shipment of 7 tons valued at \$248, was made from a deposit at Kyauquot Sound, Vancouver Island, British Columbia.

PEAT - The production of peat in Canada during 1929 totalled 2,607 tons worth \$13,339 as compared with 1,497 tons at \$5,845 in 1928. The current year's output was obtained from the St. Hyacinthe bog in Quebec and the Alfred bog in Ontario.

PHOSPHATE - Shipments of phosphate from Canadian deposits amounted to 1,185 tons valued at \$5,380; in 1928 the production was 641 tons worth \$8,279. The 1929 production was made up of 40 tons shipped from Templeton township, Quebec, and 1,145 tons from a deposit near Perrie, N.C. Imports of phosphate into Canada during the year came entirely from the United States and totalled 18,192 tons valued at \$114,741.

SILICA BRICK - Silica brick is produced in Canada at Sydney, N.S., and Smith's Bay, Ont. The total production during 1929 amounted to 3,951 thousand valued at \$173,581.

SODIUM CARBONATE - Sodium carbonate crystals are obtained in Canada from deposits in British Columbia. During 1929, the production from this source totalled 600 tons worth \$8,100; in the preceding year, the production was 519 tons worth \$4,922.

SODIUM SULPHATE - Three companies operated deposits of natural sodium sulphate in Saskatchewan during 1929. Shipments from these deposits were recorded at 5,018 tons valued at \$64,112 as compared with 6,016 tons at \$68,804 shipped in 1928.

SULPHUR - The sulphur content of pyrites shipped and of waste bessemer gases used in the manufacture of sulphuric acid amounted to 42,761 tons valued at \$350,243 as compared with 38,589 tons worth \$321,053 produced in 1928. Pyrites shipments were made from Quebec, Ontario and British Columbia properties; sulphur was recovered from waste bessemer gases in Ontario and British Columbia. The total imports of sulphur and brimstone, crude or in roll or flour, during 1929 were recorded at 234,926 tons appraised at \$3,789,243 and were obtained principally from the United States.

The 38 firms operating in this group of industries in 1929 reported a capital investment of \$4,042,638. Employment was furnished 50 salaried employees and 456 wage-earners whose combined earnings amounted to \$548,216. Fuel and electricity costs were recorded at \$79,463. The total value of products shipped during the year was \$1,502,574.

PRODUCTION OF MISCELLANEOUS NON-METALLIC MINERALS IN CANADA, 1929.

Item	Unit of measure	Quantity	Value
Actinolite.....	tons	30	375
Barytes.....	tons	105	2,341
Beryl crystals.....	pounds	4,456	114
Bituminous sands.....	tons	989	3,956
Fluorspar.....	tons	17,870	268,120
Graphite.....	tons	1,461	108,174
Kapexite.....	tons	18,809	481,170
Manganese, bog.....	tons	301	1,830
Mineral waters.....	Imp. gal.	521,905	16,139
Peat.....	tons	2,607	13,339
Phosphate.....	tons	1,185	5,380
Silica brick.....	M	3,951	173,581
Sodium carbonate.....	tons	600	8,100
Sodium sulphate.....	tons	5,018	64,112
Sulphur (S).....	tons	42,761	350,243
TOTAL.....			1,502,574

(*) Includes sulphur content of pyrites at its sales value and estimated figures for quantity and value of sulphur in smelter gases used for acid making.

PRINCIPAL STATISTICS RELATING TO MISCELLANEOUS NON-METALLIC MINERAL INDUSTRIES IN CANADA, 1928 and 1929.

	1928	1929
Number of firms.....	38	38
Capital employed.....\$	4,478,481	4,042,638
Number of employees - On salary.....	41	50
On wages.....	355	456
Total.....	396	506
Salaries and wages - Salaries.....\$	75,118	80,716
Wages.....\$	541,532	464,500
Total.....\$	614,650	545,216
Cost of fuel and electricity.....\$	138,029	79,463
Selling value of products.....\$	1,500,244	1,502,574

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