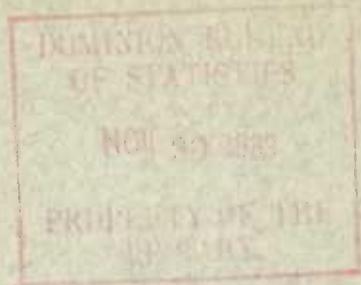


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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS

THE

STONE INDUSTRY

IN

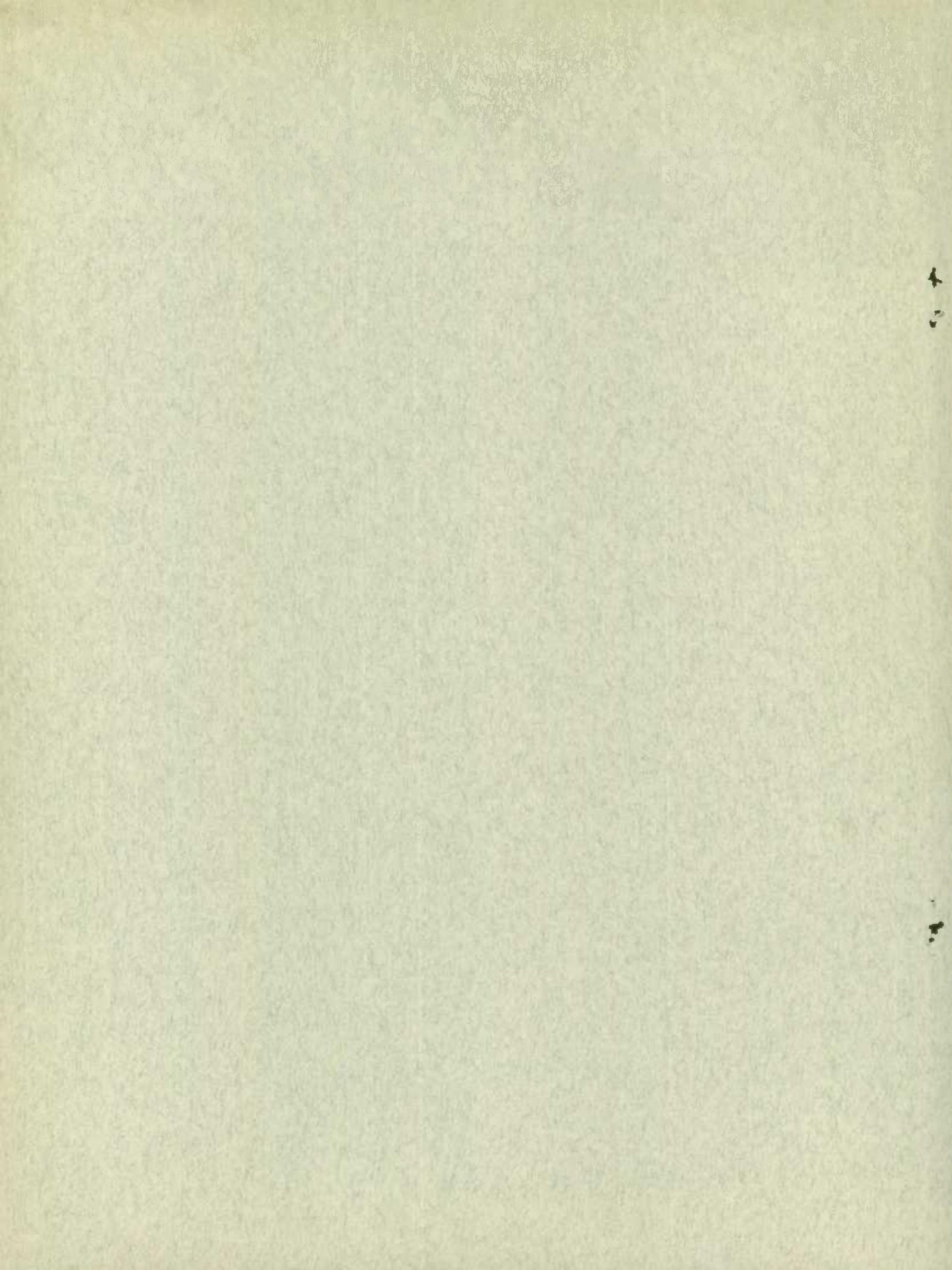
CANADA

1932

including: 1. The Stone Quarrying Industry;
2. The Monumental & Ornamental
Stone Industry.

Published by Authority of the HON. H. H. STEVENS, M. P.,
Minister of Trade and Commerce.

OTTAWA
1933



DOMINION BUREAU OF STATISTICS - CANADA

Dominion Statistician: R. H. Coats, B.A., F.S.S. (Hon.), F.R.S.C.

Mining, Metallurgical and Chemical Branch
Chief: W. H. Losee, B.Sc.

THE STONE INDUSTRY IN CANADA, 1932.

The Stone Industry in Canada comprises two main divisions: 1. The Stone Quarrying Industry, including quarries and dressing works operated in conjunction with quarries, and 2. The Monumental and Ornamental Stone Industry, comprising the operations of firms having no quarries but who operate dressing works where stone for building and monumental purposes is cut, polished or otherwise finished. In the Census of Industry, statistics of the Stone Quarrying Industry are included under mining, while statistics of the Monumental and Ornamental Stone Industry are included under manufactures. For convenience this report carries data for both of these industries.

The Canadian stone industry, as a whole, in 1932 included the operations of 525 plants with a total capital investment of \$22,555,590, according to a report just issued by the Mining, Metallurgical and Chemical Branch of the Dominion Bureau of Statistics at Ottawa. Production during the year was valued at \$6,975,553, which included the value of the quarry output and the value added by manufacturing in the secondary stone industry. Salaried employees and wage-earners employed in 1932 numbered 3,512 persons and their combined earnings amounted to \$3,251,609.

The two industries are treated separately in the following review:

1. Primary Production - The Stone Quarrying Industry - Shipments of stone from Canadian quarries during 1932 amounted to 4,690,922 tons valued at \$4,938,461 as compared with 8,397,860 tons worth \$11,070,184 in 1931 and 9,994,506 tons at \$13,034,209 in 1930. Production during 1932 consisted of 490,822 tons of granite, 3,687,241 tons of limestone, 12,379 tons of marble and 500,480 tons of sandstone. In addition to these outputs 250 tons of slate were shipped from a property in British Columbia. Limestone, which constituted 79 per cent of the total quantity of stone produced, came from quarries operated in every province with the exception of Saskatchewan and Prince Edward Island.

Some of the more important building limestones in Canada include those from the St. Marc des Carrières area in Quebec, the Queenston area in Ontario and the Tyndall area in Manitoba. Stone from all the quarries in the first named area is very similar in appearance and general properties. It is medium grained and on the natural fracture is light brownish grey in colour but tooled and sawn surfaces are silvery grey. Blocks of very large superficial dimensions and three feet in thickness across the bedding are regularly obtainable. In the building trade the building stone from this area is known as Deschambault stone, St. Marc stone, and less commonly as Portneuf stone. Deschambault stone may be seen in the Parliament Buildings, Quebec; City Hall, Montreal; Prince of Wales College, Charlottetown, and various other important buildings.

Queenston limestone is widely used throughout Ontario and Quebec and has been shipped as far east as Saint John, New Brunswick. The staple variety is a compact, silver-grey magnesian limestone. A porous buff dolomite is obtainable in lesser quantity. The grey stone is quarriable in blocks of any reasonable dimensions as the jointing is very widely spaced. The products are mill blocks, sawn slabs, sawn strips, turned columns and flagging. The durability of Queenston limestone is illustrated by the good state of preservation of the structures composed of it; in addition to being used for the entire facing of buildings, Queenston silver-grey limestone, on account of its impermeability and its resistance to chipping, is used for base courses, steps, and platforms in buildings; the porous, buff stone is used only for interiors; this stone may be seen in Brock's Monument (1856) Queenston Heights, Ontario; East Block, Ontario Parliament Buildings, Toronto; the railway station, Saint John, New Brunswick, and many other well-known structures.

Limestone quarried in the vicinity of Tyndall, Manitoba, is variously known as Tyndall limestone, Manitoba limestone, Manitoba tapestry limestone and occasionally as Winnipeg limestone. Two varieties are available, a buff and a grey. The beds of buff range from 12 to 26 inches in thickness and the grey from 12 to 36 inches. Beds of buff up to 29 inches and of grey up to 40 inches thick can be obtained in which there are only minor parting planes of a stylolitic nature. Both buff and grey varieties are mottled exactly alike; they differ only in colour. The groundmass is dense, sub-crystalline calcium carbonate containing many fossil fragments composed of calcite, with an occasional one of silica. All through this matrix is a branching network of finely granular, magnesian material which composes the mottling. Tyndall stone has been used in the construction of many buildings throughout the Western Provinces and in Ontario and Quebec during the past thirty years and it has proved a very durable material. In addition to its use for exterior walls, Tyndall limestone finds wide use as an interior decorative stone. Some of the many prominent structures in which Tyndall limestone has been used are the Empress Hotel, Victoria, B.C.; Parliament Buildings, Winnipeg, Manitoba; and the Dominion Parliament Buildings, Ottawa.

It is interesting to note that crystalline limestone is being mined and milled in Pennsylvania. The mill products are used by rubber, paint, putty and linoleum manufacturers, and an admixture for concrete is also prepared. All the products are packed in bags for shipment.

According to chemists of the United States Department of Agriculture, dolomite or dolomitic limestone added to complete fertilizers which contain ammonium compounds will prevent them from increasing soil acidity. Experiments show that although a limited quantity of limestone may be added in certain mixtures, in other mixtures the use of ordinary limestone causes serious losses of ammonia. No serious loss of plant food values results, however, when a suitable quantity of dolomite, or magnesian limestone, is used in fertilizer mixtures.

Rock wool, one of the most effectual and satisfactory insulating materials on the market, is a furnace product made from a self-fluxing silicious and argillaceous dolomite in which the acidic and basic constituents are present in such proportions that their fluxing action is nearly balanced. Its principal uses is as an insulating material but it also forms the main ingredient in an acoustic tile. Laboratory investigations by the Mines Branch, Ottawa, indicate that dolomites and dolomitic shales occurring in the Niagara Peninsula are suitable for the manufacture of rock wool. Rock wool is sometimes sold in bulk but more often is processed in various ways and sold in "granulated" form, in "blankets" and when treated with a binder, in blocks and sheets under the name of rock cork.

"Iron Age" reports that many open-hearth plants are now insulating their furnace roofs with mineral wool or slag wool. This material seems to be entirely satisfactory and the cost is actually trifling.

Patents bearing on the utilization of dolomite have increased in number in recent years, both in the United States and other countries. These patents describe the production of refractories, magnesian cements, magnesium chemicals, and metallic magnesium, and indicate that dolomite, because of its widespread occurrence, must be considered an increasingly important competitor of magnesite.

It has been reported that full-scale experiments have been made in Germany on the production of a new type of cement in which the magnesia content is considerably above that allowed by the German standard specification for Portland cement. Two cements with 5 and 25 per cent magnesia respectively have been produced from raw mixes of marl and dolomitic limestone, and of clay, dolomitic limestone, and a small proportion of burned pyrites. The results of standard tests on the cements, it is claimed, demonstrate them to be equivalent to good, rapid-hardening, Portland cements.

Granite was produced in 1932 in all provinces with the exception of Prince Edward Island, Saskatchewan and Alberta. Numerous varieties of this rock, displaying a wide range of colours and crystallization, are to be found in different sections of the Dominion. In Nova Scotia during 1932 granite was quarried or dressed at Middleton, Queensport, Birchtown and Nictaux West; the Nova Scotia Department of Highways reported an output of crushed granite for use as road metal. The Nova Scotia granites as dressed in 1932 ranged in colour from light grey to black. Granite was dressed or quarried in New Brunswick at Hampstead, South Bathurst, Bayside, and St. George. Stone was prepared for both building and monumental use, shades including red and black. The greater part of the Quebec granite produced for building and monumental purposes in 1932 came from quarries or dressing works operated in Labelle, Stanstead, Iberville, Frontenac, Compton and Lake St. Jean counties. Quebec granites are to be obtained in a variety of shades and textures and are utilized extensively for construction and monumental purposes throughout Canada. Examples of granite produced in the province of Quebec may be seen in the Sun Life Assurance Building, Montreal; National Research Laboratories, Ottawa; the Provincial Museum, Quebec city, and many other important and beautiful buildings.

In Ontario, granite for structural or decorative purposes is quarried at Peninsula, Butler and Parry Sound, and in addition considerable quantities of granite paving blocks are produced in the Gananoque area. Granite and trap rock for highway construction also constituted an important item in 1932. Granite occurrences are extensive in Ontario and the rock can be obtained in a variety of textures and colours.

The only recorded output of granite in Manitoba during 1932 came from Telford in the Hawk Lake district; this was grey in colour and was marketed for monumental purposes in Winnipeg. In British Columbia grey granite was quarried at Granite Island and Nelson; this was dressed for monumental purposes. Large tonnages

of granite were also used in British Columbia as rubble and riprap and road material.

Marble quarried in 1932 at Philipsburg, Missisquoi county, Quebec, was marketed as dressed stone and in a variety of other forms for use as whiting, etc.; marble from this area has been used extensively for several years as a decorative and ornamental stone. In Ontario, buff, pink, brown and white marbles were quarried at Bancroft and sold as monumental or ornamental stone; marble was also produced during 1932 at Marblehead, British Columbia.

Sandstone for building purposes was quarried or dressed in 1932 at Wallace, Nova Scotia; Shédiac and Sackville, New Brunswick; Ste. Foye, Quebec; near Acton, Limehouse, and Ottawa, Ontario; and Vancouver, British Columbia. The Wallace sandstone is classified as blue, dark olive, and light grey and is used principally for building purposes. The Nepean sandstone found near Ottawa, has been largely used for construction purposes, chiefly of the public buildings in that city, the more important of which include the Dominion Parliament Buildings, the Archives, and the Royal Canadian Mint.

Table 1 - PRINCIPAL STATISTICS OF THE STONE QUARRYING INDUSTRY(x) IN CANADA, 1931 and 1932.

	1931	1932
Number of quarries	329	319
Capital employed\$	18,860,796	16,727,481
Number of employees - On salary	329	250
On wages	3,869	2,259
Total	4,198	2,509
Salaries and wages - Salaries\$	659,879	470,583
Wages	3,810,820	1,580,812
Total	4,470,699	2,051,395
Cost of fuel and electricity	625,673	420,581
<u>Selling value of products</u> \$	<u>11,075,184</u>	<u>4,942,211</u>

(x) Includes statistics for slate.

Table 2 - FUEL AND ELECTRICITY USED IN THE STONE QUARRYING INDUSTRY IN CANADA, 1931 and 1932.

Unit of measure	Quantity	1931		1932	
		Cost at works	Quantity	Cost at works	Quantity
Anthracite coal	short ton	637	3,927	695	5,319
Bituminous coal - Canadian ..	short ton	5,323	37,152	1,805	13,324
Imported ..	short ton	10,780	72,822	7,488	47,096
Lignite	short ton	94	518	201	995
Coke	short ton	39	414	55	563
Gasoline	Imp. gal.	228,018	49,728	176,679	38,641
Kerosene	Imp. gal.	1,207	242	2,298	666
Fuel oil	Imp. gal.	200,383	13,335	40,825	2,933
Wood	cord	4,402	19,677	2,675	10,788
Other fuel	xx	...	1,084	...	...
Electricity purchased	K.W.H.	29,798,893	426,774	24,508,215	300,256
TOTAL	xx	...	625,673	...	420,581

Table 3 - POWER EQUIPMENT USED IN THE STONE QUARRYING INDUSTRY, 1931 and 1932.

	1931	1932		
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines and steam turbines	109	5,241	104	4,850
Gasoline, gas and oil engines	125	4,966	103	3,585
Hydraulic turbines or water wheels	14	1,305	13	1,155
Electric motors run by purchased power ..	803	24,242	802	24,461
Electric motors operated by own power ..	15	544	18	654
Total Power Employed .....	...	36,298	...	34,705
Boilers installed	91	4,612	91	4,488

Table 4 - PRODUCTION OF STONE FROM CANADIAN QUARRIES, BY KINDS AND BY PROVINCES, 1931 and 1932.

Provinces		Granite	Limestone	Marble	Sandstone	TOTAL
<u>1931</u>						
Nova Scotia	tons	24,895	21,684	...	36,602	83,181
	\$	72,009	69,415	...	84,208	225,632
New Brunswick	tons	2,583	35,378	...	24,364	62,325
	\$	148,881	73,398	...	119,712	341,991
Quebec	tons	727,354	2,675,186	14,919	848,070	4,265,529
	\$	1,987,589	2,774,060	624,356	507,037	5,893,042
Ontario	tons	133,905	3,215,697	4,323	5,439	3,359,364
	\$	232,557	2,594,328	29,173	25,386	2,881,444
Manitoba	tons	...	152,858	390	...	153,248
	\$	...	636,226	6,423	...	642,649
Alberta	tons	...	2,429	...	67	2,496
	\$	...	5,842	...	3,800	9,642
British Columbia	tons	302,150	159,198	810	9,559	471,717
	\$	322,014	152,269	8,761	592,740	1,075,784
CANADA	tons	1,190,887	6,262,430	20,442	924,101	8,397,860
	\$	2,763,050	6,305,538	668,713	1,332,883	11,070,184
<u>1932</u>						
Nova Scotia	tons	3,635	9,974	...	21,052	34,661
	\$	18,461	27,990	...	40,856	87,307
New Brunswick	tons	4,369	10,707	...	1,729	16,805
	\$	102,699	31,554	...	20,665	154,918
Quebec	tons	143,520	1,622,802	9,832	470,671	2,246,825
	\$	541,689	1,337,688	206,502	275,022	2,360,901
Ontario	tons	73,272	1,825,793	2,065	4,008	1,905,138
	\$	186,357	1,419,048	40,175	9,435	1,655,016
Manitoba	tons	18	78,405	...	...	78,423
	\$	232	299,050	...	...	299,282
Alberta	tons	...	1,428	...	...	1,428
	\$	...	2,985	...	...	2,985
British Columbia	tons	266,008	138,132	482	3,020	407,642
	\$	261,144	109,399	4,029	3,480	378,052
CANADA	tons	490,822	3,687,241	12,379	500,480	4,690,922
	\$	1,110,582	3,227,715	250,706	349,458	4,938,461

Table 5 - PRODUCTION OF STONE FROM CANADIAN QUARRIES BY KINDS, SHOWING PURPOSES FOR WHICH USED, 1931.

For use as follows -		Granite	Limestone	Marble	Sandstone	TOTAL
Building stone - Rough	tons	6,151	53,278	628	3,631	63,688
	\$	51,915	247,993	27,229	28,516	355,653
Dressed	tons	16,204	33,771	4,267	11,415	65,657
	\$	1,011,499	1,085,767	576,458	688,616	3,362,340
Monumental and ornamental stone	Rough	tons	5,820	1,020	756	7,596
		\$	58,142	9,590	17,199	84,931
	Dressed	tons	3,479	242	...	3,788
		\$	251,379	6,300	...	261,479
Flagstone	tons	314	95	...	509	918
	\$	16,797	483	...	3,429	20,709
Curbstone	tons	40,613	...	...	...	40,613
	\$	187,431	...	...	...	187,431
Paving blocks	tons	7,164	...	...	...	7,164
	\$	58,447	...	...	...	58,447
Lining open-hearth furnaces .	tons	...	155	...	...	155
	\$	...	271	...	...	271
Chemical -						
Flux in iron and steel plants	tons	...	103,652	...	...	103,652
	\$	...	75,643	...	...	75,643
Flux in smelters	tons	...	70,547	...	...	70,547
	\$	...	57,441	...	...	57,441
Glass factories	tons	...	526	...	...	526
	\$	...	790	...	...	790
Pulp and paper mills	tons	...	124,347	6,100	...	130,447
	\$	...	151,600	5,063	...	156,663
Sugar refineries	tons	...	23,624	...	...	23,624
	\$	...	19,906	...	...	19,906
Other chemical uses	tons	...	4,903	...	...	4,903
	\$	...	3,645	...	...	3,645
Whiting	tons	...	118	...	...	118
	\$	...	2,185	...	...	2,185
Asphalt filler	tons	...	28,545	...	...	28,545
	\$	...	75,193	...	...	75,193
Dusting coal mines	tons	...	9,092	...	...	9,092
	\$	...	44,024	...	...	44,024
Agricultural purposes	tons	...	136,426	23	...	136,449
	\$	...	165,147	138	...	165,285
Poultry grit	tons	3	1,154	1,130	...	2,287
	\$	72	3,055	5,544	...	8,671
Stucco dash	tons	...	40	6,294	...	6,334
	\$	...	400	32,283	...	32,683
Terrazzo flooring	tons	...	...	459	...	459
	\$	...	...	911	...	911
Rubble and riprap	tons	262,525	324,793	185	53,534	641,037
	\$	226,066	190,503	288	70,860	487,717
Crushed stone - Concrete aggregate ..	tons	405,434	2,074,281	...	795,561	3,275,276
	\$	363,645	1,745,959	...	455,600	2,565,204
Road metal ..	tons	429,580	2,633,069	600	59,384	3,122,633
	\$	524,277	1,947,576	3,600	82,062	2,557,515

Table 5 - PRODUCTION OF STONE FROM CANADIAN QUARRIES BY KINDS, SHOWING PURPOSES FOR WHICH USED, 1931, concluded.

For use as follows -	Granite	Limestone	Marble	Sandstone	TOTAL
Crushed stone - Railroad					
ballast tons	13,600	638,752	...	...	652,352
\$ 13,380		472,067	...	...	485,447
TOTAL	tons 1,190,887	6,262,430	20,442	924,101	8,597,860
	\$ 2,763,050	6,305,538	668,713	1,332,883	11,070,184

In addition to the above 250 tons of slate valued at \$5,000 were produced in British Columbia during 1931.

Table 6 - PRODUCTION OF STONE FROM CANADIAN QUARRIES BY KINDS, SHOWING PURPOSES FOR WHICH USED, 1932.

For use as follows -	Granite	Limestone	Marble	Sandstone	TOTAL
Building stone - Rough					
tons	6,131	25,073	...	5,484	36,688
\$ 17,272		104,391	...	19,766	141,429
Dressed tons	12,469	11,173	1,951	670	26,263
\$ 336,632		348,187	188,743	20,580	894,142
Monumental and ornamental stone					
- Rough tons	4,423	9	965	...	5,337
\$ 39,522		106	36,414	...	76,042
Dressed tons	2,477	211	...	...	2,688
\$ 196,071		2,532	...	...	198,603
Flagstone	428	67	...	65	560
\$ 2,282		67	...	473	2,822
Curbstone	5,745	...	...	...	5,745
\$ 26,391		...	...	...	26,391
Paving blocks	2,261	...	...	...	2,261
\$ 17,452		...	...	...	17,452
Lining open-hearth furnaces . tons	...	173	...	...	173
\$ 302		302	...	...	302
Chemical -					
Flux in iron and steel plants	tons	52,463	...	...	52,463
\$ 40,279		...	...	...	40,279
Flux in smelters	tons	38,935	...	...	38,935
\$ 30,180		...	...	...	30,180
Glass factories	tons	958	...	...	958
\$ 1,437		...	...	...	1,437
Pulp and paper mills	tons	97,623	1,713	...	99,336
\$ 92,027		1,421	...	...	93,448
Sugar refineries	tons	27,580	...	...	27,580
\$ 20,837		...	...	...	20,837
Other chemical uses	tons	7,694	...	...	7,694
\$ 2,639		...	...	...	2,639
Whiting	tons	37	2,195	...	2,232
\$ 681		1,756	...	...	2,437
Asphalt filler	tons	20,313	...	...	20,313
\$ 57,400		...	...	...	57,400
Dusting coal mines	tons	2,829	...	...	2,829
\$ 13,554		...	...	...	13,554

Table 6 - PRODUCTION OF STONE FROM CANADIAN QUARRIES BY KINDS, SHOWING PURPOSES FOR WHICH USED, 1932. concluded.

For use as follows -		Granite	Limestone	Marble	Sandstone	TOTAL
Agricultural purposes	tons	...	67,924	...	...	67,924
	\$	...	92,454	...	...	92,454
Poultry grit	tons	3	2,367	792	...	3,162
	\$	69	4,789	4,130	...	8,988
Stucco dash	tons	...	91	2,378	...	2,469
	\$	...	616	12,996	...	13,612
Terrazzo flooring	tons	...	4,745	700	...	5,445
	\$	...	3,084	4,688	...	7,772
Rubble and riprap	tons	276,892	118,946	1,685	15,322	412,845
	\$	237,349	62,364	558	16,082	316,353
Crushed stone & Concrete aggregate ..	tons	30,419	1,450,927	...	448,410	1,929,756
	\$	25,134	1,049,395	...	245,559	1,320,088
Road metal ..	tons	149,574	1,667,268	...	30,529	1,847,371
	\$	212,408	1,215,464	...	46,998	1,474,870
Railroad ballast	tons	...	89,835	...	...	89,835
	\$	...	84,930	...	...	84,930
TOTAL	tons	490,822	3,687,241	12,379	500,480	4,690,922
	\$	1,110,582	3,227,715	250,706	349,458	4,938,461

In addition to the above, 250 tons of slate valued at \$3,750 were produced in British Columbia during 1932.

DIRECTORY

STONE QUARRYING INDUSTRY

Note - (x) Firms operating dressing works in conjunction with quarry.

Name	Address
<u>GRANITE</u>	
<u>NOVA SCOTIA</u> -	
Bower, A. R.	Box 255, Shelburne
(x) Hoyt, C. M.	Middleton
N. S. Department of Highways	Halifax
(x) Queensport Granite Co.	Queensport
(x) Rice Bros.	Lawrencetown
(x) Rice, W. D.	Middleton
<u>NEW BRUNSWICK</u> -	
(x) Connolly, J. E. and D. P.	Bathurst
(x) Granite Street Pavement & Construction Co. Ltd.	Hampstead
(x) McGratton & Sons Ltd.	St. George
(x) Meating, Epps Co. Ltd.	St. George
(x) Milne, Coutts & Co. Ltd.	St. George
(x) Mooney, B. & Sons Ltd.	112 Queen St., Saint John
(x) O'Brien and Baldwin	St. George

D I R E C T O R Y

STONE QUARRYING INDUSTRY - continued

Note - (x) Firms operating dressing works in conjunction with quarry.

Name

Address

GRANITE - continued

QUEBEC -

Alcoa Power Co. Ltd.	Kenogami
Barrowman and Denney	Box 21, Beebe
(x) Bernier, Auguste	Box 491, Roberval
Berry and Redicker	Beebe
Berube, Lucien & Fils	Brownsburg
(x) Brodie's Limited	1070 Bleury St., Montreal
Bullock, G.O. & Son	Beebe
(x) Cloutier Bros.	Beebe
Chicoutimi City	Chicoutimi
(x) Delwaide and Goffin	Riviere du Moulin
(x) Frontenac Quarries Ltd.	St. Sebastien
Gobeil and Perreault	Beebe
La Granit de Jonquiere Enrg.	Jonquiere
Grenier, E.	Glenada
Guenette Granite Co. Ltd.	Guenette
(x) Haselton, Mrs. M.	Beebe
Keniston, Earl	Graniteville
Lacasse and Boulais	Box 23, Beebe
McIntosh, Robert	Beebe
Montreal Construction Supply & Equipment Ltd.	1460 Sherbrooke St. W., Montreal
(x) Moreau, Polycarpe	Roberval
(x) National Granite Reg.	Box 376, Roberval
Nett, Carl	Beebe
Nolet, Francis	Riviere a Pierre
Perron, Arthur	Riviere a Pierre
Perron, Stanislas	Riviere a Pierre
(x) Port Alfred, Municipality of	Port Alfred
Quebec Department of Highways	Quebec
(x) Quebec Granite Co. Ltd.	Quebec
Regimbald, Albert	2225 Marie-Anne E., Montreal
St. Joseph d'Alma, Municipality of	St. Joseph d'Alma
(x) Scotstown Granite Co. Ltd.	Scotstown
Shawinigan Engineering Co. Ltd.	107 Craig St. W., Montreal
(x) Silver Granite Co. Ltd.	117 Cote d'Abraham, Quebec
(x) Stanstead Granite Quarries Co. Ltd.	Beebe
Tremblay, J. X.	Baie St. Paul
Trepanier, Joseph	St. Sebastien
Truchon, E. R.	Box 448, Roberval
Voyer, F. and Frere	Riviere a Pierre
(x) Wilkinson, Frank L.	Beebe

ONTARIO -

Beresford, John	Box 124, Gananoque
Billie, Chas. V.	Box 1185, Smiths Falls
Bradley, Wm.	1 Gordon St., Gananoque
(x) Cold Springs Granite Co. Ltd.	Peninsula
Fort William, City of	Fort William
Henniger, M. G.	Smiths Falls
(x) Horne, Wm.	Butler, via Ignace

DIRECTORY

STONE QUARRYING INDUSTRY - continued

Note - (x) Firms operating dressing works in conjunction with quarry.

<u>Name</u>	<u>Address</u>
<u>ONTARIO</u> - continued	
Mill Lake Stone Quarries	Parry Sound
Morrison and Henderson	c-o S. Tregunna, R.R. 1, Gananoque
Newell, Thomas	R. R. 2, Mallorytown
Ontario Rock Co. Ltd.	1501 Canada Permanent Bldg., Toronto
Round, Joseph	Gananoque
<u>MANITOBA</u> -	
(x) Manitoba Marble Co. Ltd.	1180 Wall St., Winnipeg
<u>BRITISH COLUMBIA</u> -	
(x) B.C. Monumental Works Ltd.	154 - 8th Ave. E., Vancouver
Canadian National Railways	Main St., Vancouver
Canadian Pacific Railway Company	Montreal, P.Q.
(x) Coast Quarries Limited	930 Marine Building, Vancouver
Cranbrook, City of	Cranbrook
Gilley Bros. Ltd.	902 Columbia St.W., New Westminster
Nelson Granite & Monument Co.	Nelson
Prince Rupert, City of	Prince Rupert
Roadstone Quarries Ltd.	653 Taylor St., Vancouver
(x) Vancouver Granite Co. Ltd.	1005 Royal Bank Bldg., Vancouver
(x) Vernon Granite and Marble Co.	Okanagan Landing
Wilson, James S.	Sirdar
	<u>LIMESTONE</u>
<u>NOVA SCOTIA</u> -	
Brandram-Henderson Limited	Montreal, P.Q.
Dominion Steel and Coal Corp. Ltd.	Sydney
Eastern Lime Co. Ltd.	Windsor
Mersey Paper Co. Ltd.	Liverpool
N. S. Department of Highways	Halifax
<u>NEW BRUNSWICK</u> -	
Brookville Manufacturing Co. Ltd.	Brookville
Randolph and Baker Ltd.	Randolph
Snowflake Lime Ltd.	3 Pokiok Rd., Saint John
<u>QUEBEC</u> -	
Arseneault, Hamore	St. Jean l'Evangeliste
Beaucage, A.D.J.	St. Marc des Carrières
Beaudry, J. Pitre	Box 209, Joliette
Boily, Albert	Baie St. Paul
Brisebois, G.	33 Windsor, Ville St. Pierre
Canada Cement Co. Ltd.	Box 290, Station B, Montreal
Co-operative des Pecheurs	Carleton
Delormier and Rogers Ltd.	4901 Iberville St., Montreal
(x) Deschambault Quarry Corp.	52 St. Paul St., Quebec
Dominion Lime Co.	Lime Ridge
Dufresne Construction Co. Ltd.	1832 Blvd. Pie IX, Montreal
Duquette and Biron Ltd.	St. Michel
Durocher, Cyrille	11021 Notre Dame E., Montreal

-11-
D I R E C T O R Y

STONE QUARRYING INDUSTRY - continued

Note - (x) Firms operating dressing works in conjunction with quarry.

<u>Name</u>	<u>Address</u>
<u>LIMESTONE</u>	
QUEBEC - continued	
Foundation Co. of Canada, Ltd.	1538 Sherbrooke St. W., Montreal
Fuger and Smith Ltd.	Pointe Claire
Gagne, Octave	St. Ulric
Gaspesian Fertilizer Co.	Port Daniel
(x) Gauthier, Olivier	St. Marc des Carrières
Giroux, F. X.	St. Louis de Courville
Giffard Quarry Ltd.	Giffard
(x) Gingras & Frere Ltd.	St. Marc des Carrières
Gravel, Edouard L.	Chateau Richer
Guilbault Freres & Co.	Ste. Elizabeth
Hull Cut Stone Quarry	Hull
Kennedy Construction Co. Ltd.	407 McGill St., Montreal
Laberge and Marchand	Box 63, Chateauguay Basin, Quebec
Laculine, Theodore	Chateau Richer
Lagace, Napoleon	St. Martin, Laval
Lapointe, Emile	St. Dominique de Bagot
(x) Lapointe, Joseph	12034 Lachapelle St., Montreal
Laval Quarry Co. Ltd.	6418 St. Hubert St., Montreal
Leclerc and Day Limestone Co. Ltd.	Rimouski
(x) Lecrenier, Victor	8346 Henri Julien St., Montreal
Leger and Charlton Ltd.	400 Notre Dame St., Lachine
Levesque, Armand	Roberval
(x) Martineau, G. et Fils, Ltd.	517 Marie-Anne St. E., Montreal
Maisonneuve Quarry Co. Ltd.	4740 Iberville St., Montreal
Matthew Devito Construction Co. Ltd.	6138 Hamilton St., Montreal
Miner, R. H. Co. Ltd.	7411 Delanaudiere St., Montreal
Montreal Cottons Ltd.	Valleyfield
Montreal Quarry Ltd.	1340 Bellechasse St., Montreal
Montreal Stone Products Ltd.	913 Ontario St. E., Montreal
National Quarries Ltd.	Park Ave. and Beaubien St., Montreal
Naud, Oscar	La Chevrotiere
(x) Noel, Oscar	44 Wright St., Hull
Page, Jos.	Charlesbourg West
(x) Paquette, Damien	Canton Belanger
Quebec Construction Co. Ltd.	Battle Fields Park, Quebec
Quebec Department of Highways	Quebec
St. Barthelemy Quarry	St. Barthelemy
St. Godfroy Agricultural Society	St. Godfroy
St. Laurent Quarry Ltd.	Cap St. Martin
St. Louis de France Quarry heg.	St. Louis de Champlain
St. Maurice Quarry Ltd.	307 Alexandra St., Three Rivers
St. Michel Quarry Ltd.	St. Michel de Laval
(x) St. Vincent de Paul Penitentiary	St. Vincent de Paul
Schetagne, Wilfred	309 Bord du Lac, Pointe Claire
Shawinigan Chemicals Ltd.	Box 2670, Montreal
Standard Clay Products Ltd.	Box 819, St. Johns
Standard Lime Co. Ltd.	Joliette
Stinson-Reeb Builders Supply Co. Ltd.	360 Dorchester St. W., Montreal
(x) Stone and Quarry Ltd.	1340 Bellechasse St., Montreal

-12-
DIRECTORY

STONE QUARRYING INDUSTRY - continued

Note - (x) Firms operating dressing works in conjunction with quarry.

<u>Name</u>	<u>Address</u>
<u>LIMESTONE - continued</u>	
QUEBEC - continued	
Théorêt, Magloire	Box 128, Bellerive
Tremblay, Napoleon	31 Joffre St., Hull
Union Quarry Ltd.	1340 Bellechasse St., Montreal
Valleyfield, City of	Valleyfield
Varin and Barbin Ltd.	4740 Iberville St., Montreal
(x) Verreault, E. Ltd.	194 rue du Pont, Quebec
Villeray Quarry Ltd.	4740 Iberville St., Montreal
Wright Builders Supply Ltd.	250 Catherine St., Ottawa, Ont.

Note:- In addition to the above, a number of small operators produced marl.

<u>ONTARIO -</u>	
American Cyanamid Company	535 Fifth Avenue, New York City, U.S.A.
Bourgie, J. B.	Box 50, Embrun
Brule, E. D., & Sons Ltd.	Box 116, Billings Bridge
Brunner, Mond Canada, Ltd.	501 Dominion Bank Bldg., Toronto
Canada Cement Company Ltd.	Box 290, Station B, Montreal
Canada Crushed Stone Corp. Ltd.	76 Sun Life Bldg., Hamilton
Coldwater Crushed Stone Ltd.	Coldwater
Dibble Construction Co. Ltd.	246 Albert St., Ottawa
Foster, R. R.	86 Spadina Ave., Ottawa
Gordon Crushed Stone Co. Ltd.	465 Bay St., Toronto
Grenville Crushed Rock Co. Ltd.	917 Keefer Bldg., Montreal, P.Q.
Gypsum, Lime and Alabastine, Canada, Ltd.	Paris
Hagersville Quarries Ltd.	Hagersville
Halliday, Fred	Cummings Bridge
Innerkip Quarries Ltd.	Innerkip
Irvine, Edgar, Co. Ltd.	Alexandria
Jamieson Lime Co.	Renfrew
(x) Kingston Penitentiary	Kingston
Kirby, T. Sidney Co. Ltd.	215 Sussex St., Ottawa
Kirkfield Crushed Stone Ltd.	Fleet St. at Bathurst, Toronto
Law Construction Co. Ltd.	225 Sterling Road, Toronto
Limestone Products Ltd.	1104 Hermant Bldg., Toronto, 2.
Longford Crushed Stone Ltd.	6 Peter St., Orillia
MacDonald, A. N.	Box 67, Bronte
(x) Merritt, Sidney W.	Grassie's P.O.
Noranda Mines Ltd.	804 Royal Bank Bldg., Toronto
Ontario Department of Highways	Toronto
Ontario Reformatory	Guelph
Owen Sound, City of	Owen Sound
Pembroke, Town of	Pembroke
Pirson, John	Stevensville
Puslinch Quarry Ltd.	76 Sun Life Bldg., Hamilton
(x) Queenston Quarries Ltd.	76 Sun Life Bldg., Hamilton
Quinton, W. G.	Jasper
Rayner Construction Co. Ltd.	159 Bay St., Toronto
Robillard, H. and Son	195 Nicholas St., Ottawa
Routley Construction Co.	21 Dundas Square, Toronto
Russell, Samuel	St. George

-13-

DIRECTORY

STONE QUARRYING INDUSTRY - continued

Note: - (x) Firms operating dressing works in conjunction with quarry.

Name

Address

LIMESTONE - continued

ONTARIO - continued

- St. Catharines Stone Quarry
- Standard Quarries Ltd.
- Walker Bros. Ltd.
- Webber, John, Sr.
- Wehman, John
- Welland Ship Canal
- Wilford, F.R., and Co. Ltd.
- Windmill Paint Crushed Stone Co. Ltd.

- St. Catharines
- 441 Confederation Life Bldg., Toronto
- Box 586, Thorold
- R.R. 9, Dunnville
- 251 Division St., Kingston
- St. Catharines
- Box 119, Lindsay
- 225 Sterling Road, Toronto

MANITOBA -

- (x) Gillis Quarries Ltd.
- (x) Tyndall Quarry Co. Ltd.
- (x) Western Stone Co. Ltd.
- Winnipeg, City of
- Winnipeg Supply & Fuel Co. Ltd.

- Richard and Spruce Sts., Winnipeg
- 1591 Erin St., Winnipeg
- 205 Confederation Life Bldg., Winnipeg
- Winnipeg
- 812 Boyd Bldg., Winnipeg

ALBERTA -

- Loders Lime Co. Ltd.
- Summit Lime Works

- Kananaskis
- Lethbridge

BRITISH COLUMBIA -

- Beale, F. J.
 - British Columbia Dept. of Highways
 - Consolidated Mining and Smelting Co. Ltd.
 - Deeks Sand & Gravel Co. Ltd.
 - Priore and Vannuchi
 - Pacific Lime Co. Ltd.
 - Powell River Co. Ltd.
 - Rosebank Lime Co.
 - Trail, City of
 - Walcean, J. J.
- Van Anda, Texada Island
 - Victoria
 - Trail
 - 101 West 1st Ave., Vancouver
 - Box 315, Trail
 - 744 Hastings St. W., Vancouver
 - Powell River
 - 602 Pacific Bldg., Hastings St. W., Vancouver
 - Trail
 - Box 38, Port Alberni

MARBLE

QUEBEC -

- Brassard Marble
- Dupre, Arthur
- (x) Wallace Sandstone Quarries Ltd.
- White Grit Co.

- L'Annonciation
- 5665 Papineau St., Montreal
- Transportation Bldg., Montreal
- Hurdman Road, Ottawa, Ont.

ONTARIO -

- Bolender Bros.
- Bonter, J. W.
- Maple Leaf Marble Quarries Ltd.

- Haliburton
- Box 61, Marmora
- 501 Kent Bldg., Toronto

BRITISH COLUMBIA -

- B.C. Refractories Ltd.
- Canadian Marble & Granite Works Ltd.

- 660 Taylor St., Vancouver
- 10702 - 101st St., Edmonton, Alberta

DIRECTORY

STONE QUARRYING INDUSTRY - concluded

Note:-(x) Firms operating dressing works in conjunction with quarry.

Name

Address

SANDSTONE

NOVA SCOTIA -

Fairview Crushed Stone Co. Ltd.
(x) Wallace Sandstone Quarries Ltd.

609 Gottingen St., Halifax
132 St. James St., Montreal, P.Q.

NEW BRUNSWICK -

(x) Read Stone Co. Ltd.
(x) Smith, E. A.

Box 549, Sackville
Box 79, Shédiac

QUEBEC -

Beauharmois Construction Co.
Blais, Joseph, Reg.
Bourbonnais, J.A.
Broughton Soapstone and Quarry Co. Ltd.
Citadel Brick Ltd.
Cloutier, Emile
Gagnon, L. P.
Montmagny, Village of
National Battle Fields Commission
Sherbrooke, City of
Vezina, Jos., Reg.

1620 University Tower Bldg., Montreal
10 Mont Marie Ave., Levis
Vaudreuil Station
Broughton Station
14 St. Joseph St., Quebec
L'Islet
St. David, Levis
Montmagny
71 St. Peter St., Quebec
Sherbrooke
Ste. Foy

ONTARIO -

Campbell Sandstone Quarries
McAlpine Bros.
Norrie and McHarg
Terra Cotta Quarries

143 Main St., Westboro
Limehouse
R. R. 4, Acton
Terra Cotta

BRITISH COLUMBIA -

Canadian Pacific Railway
(x) McDonald, J.A. and C.H.

Montreal
1571 Main St., Vancouver

SLATE

BRITISH COLUMBIA -

Kennedy and Holland

Sooke Lake

THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY, 1932.

Production from stone dressing works operated separately from quarries was valued at \$2,961,914 in 1932 compared with a total of \$5,989,372 in 1931. This decline of 50 per cent, caused chiefly by unusual slackness in the building trades, brought the production value for this industry to the lowest point since records were commenced in 1919.

During 1932, a total of 206 establishments were engaged chiefly in cutting or dressing stone for building or monumental purposes. Of this total 109 were in Ontario, 42 in Quebec, 15 in Manitoba, 10 in British Columbia, 9 in Nova Scotia, 6 in New Brunswick, 8 in Saskatchewan, 5 in Alberta, and 2 in Prince Edward Island. These works employed an average of 1,003 persons throughout the year and produced monuments valued at \$1,388,258 and dressed building stone worth \$1,055,057. Monuments which were lettered only were valued at \$636,294.

Capital employed by the concerns in this industry was reported at \$5,828,109 of which \$3,254,354 was given as the value of plants and equipment, \$994,855 as inventories of materials on hand, \$372,219 as inventories of finished products on hand and \$1,206,681 as operating capital.

The cost of stone used in these plants was \$928,572 in 1932 and the cost of fuel and electricity was \$108,053.

Table 7 - PRINCIPAL STATISTICS OF THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY IN CANADA, 1928 - 1932.

Years	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of materials at works	Selling value of products at works	Value added by manufacturing
						\$	
1928	222	6,305,519	1,686	2,578,707	2,460,900	7,176,035	4,715,135
1929	220	7,107,162	1,863	3,048,084	2,788,934	8,224,060	5,435,126
1930	226	7,468,687	1,919	3,044,877	2,759,870	8,355,605	5,595,735
1931	223	6,880,835	1,436	2,145,023	1,770,559	5,989,372	4,218,813
1932 -							
Prince Edward Island							
and Nova Scotia ...	11	154,699	40	39,135	50,702	132,493	81,791
New Brunswick	6	72,807	24	24,919	9,611	51,343	41,732
Quebec	42	1,018,236	205	224,692	157,480	504,295	346,815
Ontario	109	3,711,781	576	742,743	597,391	1,881,513	1,285,922
Manitoba	15	296,018	54	57,579	50,734	143,612	92,878
Saskatchewan	8	170,093	33	34,007	23,321	70,756	47,435
Alberta	5	256,830	35	32,623	17,058	94,836	77,778
British Columbia ..	10	147,645	36	44,516	22,275	83,266	60,391
CANADA	206	5,828,109	1,003	1,200,214	928,572	2,961,914	2,033,342

Table 8 - CAPITAL EMPLOYED IN THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY, 1931 and 1932.

Provinces	Value of land, buildings, machinery and tools	Inventory value of materials on hand and stocks in process	Inventory value of finished products	Cash, bills and accounts receivable, prepaid ex- penses, etc.	TOTAL CAPITAL EMPLOYED
<u>1931</u>					
Prince Edward Island					
and Nova Scotia	202,388	51,504	18,887	40,435	315,214
New Brunswick	37,825	17,312	10,728	11,531	77,396
Quebec	444,834	178,270	138,536	165,668	927,308
Ontario	2,555,539	882,391	262,767	1,137,521	4,538,218
Manitoba	78,766	96,673	16,047	192,988	384,474
Saskatchewan	64,204	50,703	20,900	64,704	200,511
Alberta	129,521	16,130	35,474	70,433	251,558
British Columbia ...	88,018	31,871	14,220	54,047	188,156
CANADA	3,301,095	1,324,854	517,559	1,737,327	6,880,835
<u>1932</u>					
Prince Edward Island					
and Nova Scotia	71,088	40,181	8,350	35,080	154,699
New Brunswick	33,325	10,006	18,669	10,807	72,807
Quebec	491,803	259,441	73,127	195,865	1,018,236
Ontario	2,322,540	502,269	205,936	681,036	3,711,781
Manitoba	74,519	99,778	14,034	107,687	296,018
Saskatchewan	62,040	36,249	17,301	54,503	170,093
Alberta	134,011	18,264	25,517	79,058	256,830
British Columbia ...	65,028	28,667	9,285	44,665	147,645
CANADA	3,254,354	994,855	372,219	1,206,681	5,828,109

Table 9 - EMPLOYEES, SALARIES AND WAGES IN THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY,
BY PROVINCES, 1931 and 1932.

Provinces	Average number of employees				Salaries and Wages		
	On salaries		On wages		Salaries	Wages	TOTAL
	Male	Female	Male	Female			
<u>1931</u>							
Prince Edward Island							
and Nova Scotia	7	...	89	1	97	11,760	89,202
New Brunswick	6	3	19	...	28	11,537	22,462
Quebec	50	4	220	...	274	108,724	285,486
Ontario	144	25	633	5	807	314,525	991,057
Manitoba	19	6	56	...	81	37,114	66,650
Saskatchewan	15	1	20	1	37	20,058	23,039
Alberta	5	6	34	...	45	12,591	29,545
British Columbia ...	10	1	56	...	67	25,320	96,153
CANADA	256	46	1,127	7	1,436	541,429	1,603,594
<u>1932</u>							
Prince Edward Island							
and Nova Scotia	10	...	30	...	40	12,480	26,655
New Brunswick	7	3	14	...	24	13,154	11,765
Quebec	46	1	157	1	205	79,922	144,770
Ontario	147	21	405	3	576	246,831	495,912
Manitoba	11	3	39	1	54	19,372	38,207
Saskatchewan	15	1	16	1	33	17,327	16,680
Alberta	6	6	23	...	35	12,619	20,004
British Columbia ...	13	1	22	...	36	21,586	22,930
CANADA	255	36	706	6	1,003	423,291	776,923

Table 10 - FUEL AND ELECTRICITY USED IN THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY,
1931 and 1932.

Kinds	Unit of measure	1 9 3 1		1 9 3 2	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Anthracite coal	short ton	355	4,468	288	3,355
Bituminous coal - Canadian ..	short ton	212	1,521	143	1,051
Imported ..	short ton	153	1,717	157	1,320
Lignite	short ton	146	1,050	161	1,414
Coke	short ton	390	3,576	208	2,066
Gasoline	Imp. gal.	3,623	933	4,553	1,287
Kerosene	Imp. gal.	80	20	50	13
Fuel oil	Imp. gal.	46,785	2,673	41,165	2,367
Wood	cord	277	1,442	263	1,299
Gas - Manufactured	M cu.ft.	...	...	276	159
Natural	M cu.ft.	1,152	1,163	1,220	749
Other fuel	xxx	...	...	...	40
Electricity purchased	K.W.H.	5,560,762	117,572	4,012,228	92,933
TOTAL	xxx	...	136,135	...	108,053

Table 11 - POWER EMPLOYED IN THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY, 1931 and 1932.

Kinds	Number of units	1 9 3 1		1 9 3 2	
		Total rated horse power	Number of units	Total rated horse power	Number of units
Gasoline, gas and oil engines	8	94	6	105	
Electric motors run by purchased power..	612	8,933	646	9,447	
Total Power Employed	620	9,027	652	9,552	
Boilers installed	3	185	5	345	

Table 12 - COST OF STONE USED IN THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY, 1931 and 1932.

	Cost at works	
	1 9 3 1	1 9 3 2
Cost of all stone used	\$ 1,697,909	\$ 870,056
All other materials	72,650	58,536
TOTAL	1,770,559	928,572

Table 13 - PRODUCTS OF THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY, 1931 and 1932.

Products		Total Selling Value at works	
		1 9 3 1	1 9 3 2
Granite, cut and polished - (a) Monuments		\$ 1,584,099	\$ 1,164,283
(b) For building purposes		1,032,202	79,136
Marble, cut and polished - (a) Monuments		257,668	180,323
(b) For building purposes		1,054,952	339,627
Marble chips and dust		5,513	5,191
Limestone - (a) Monuments and bases		43,584	43,652
(b) For building purposes		1,372,121	636,294
Finished monuments lettered only		613,593	487,286
Other products		25,640	26,122
TOTAL		5,989,372	2,961,914

-18-

Table 14. IMPORTS INTO CANADA AND EXPORTS OF STONE, BY KINDS, 1932.

	Tons	Value
IMPORTS		\$
Building stone, other than marble or granite, sawn on more than two sides, but not sawn on more than four sides	17	275
Building stone, other than marble or granite, planed, turned, cut, or further manufactured than sawn on four sides	7	736
Flagstone, sandstone, and all building stones, not hammered, sawn or chiselled .....	...	52,837
Flagstone and building stone, other than marble or granite, sawn on not more than two sides .....	...	1,758
Granite, rough, not hammered or chiselled .....	...	48,351
Granite, sawn only .....	...	7,689
Granite, monuments .....	...	68,466
Granite, manufactures of, n.o.p. .....	...	11,240
Marble, rough, not hammered or chiselled .....	...	18,648
Marble, sawn or sand rubbed, not polished .....	...	27,132
Marble, not further manufactured than sawn for tombstones ..	...	12,323
Marble, manufactures of, n.o.p. .....	...	30,721
Paving blocks of stone .....	...	626
Refuse stone, not sawn, hammered or chiselled	1,669	28,559
Slate roofing .....	...	11,819
Slate pencils .....	...	2,810
Slates, writing .....	...	35,732
Slate mantels and manufactures of slate, n.o.p. .....	...	7,570
Manufactures of stone, n.o.p. .....	...	34,221
TOTAL .....	...	381,623
EXPORTS		
Crushed stone	43,993	80,451
Granite and marble, unwrought	2,133	41,172
Freestone, limestone, and other building stone, unwrought ..	20	100
Dressed Stone of all kinds .....	...	3,084
TOTAL .....	...	124,807

LIST OF FIRMS IN THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY IN CANADA, 1932.

Note:- These dressing works are operated separately from the quarries.

	<u>Name</u>	<u>Address</u>
PRINCE EDWARD ISLAND		
Beck, Vere, & Son	Main St., Montague	80,451
Chandler & Bell	160 Kent St., Charlottetown	41,172
NOVA SCOTIA		
Dauphinee, A. T.	John St., Shelburne	100
Goudie, R. H.	Horton St., Yarmouth	100
Gray, F. W.	108 Gerrish St., Halifax	100
Keltie, Robert, & Son	687 Barrington St., Halifax	100
Maritime Monument Works	171 Kempt Rd., Halifax	100
Rottler, A. A.	Main St., Kentville	100
Steele, John D., & Sons	Commercial St., North Sydney	100
Tingley Granite Works, J.A.	Lansdowne Ave., Amherst	100
Truro Marble & Granite Works	907 Prince St., Truro	100
NEW BRUNSWICK		
Kane, M. T., & Co. Ltd	Westmoreland Rd., Saint John	100
Kinsella, P., Estate of	Kanes Corner, Saint John	100
Lawlor & Williams	Chatham	100

LIST OF FIRMS IN THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY IN CANADA, 1932. continued.

Name	Address
<u>NEW BRUNSWICK</u> - continued	
Pelletier, Alfred B.	St. Basile
St. Stephen Granite Works	Queen St., St. Stephen
Sherrard, T. F., & Son	135 Victoria St., Moncton
<u>QUEBEC</u> -	
Beaulieu, Elzear	Ste. Helene, Kamouraska Co.
Beebe Monumental Co.	Beebe
Bradford, John	20 Drummond St., Granby
Brault, Z.	3 Champlain St., Valleyfield
Brodie's Ltd.	9th Avenue, Iberville
Brunet, A.	Ormstown
Brunet, J., Limitee	4485 Chemin Cote des Neiges, Montreal
Chabot, J. Hay	Scott Junction, Co. Dorchester
Chausse & Fils, E.	59 Aberdeen St., Sherbrooke
Cote, Valere	187 - 1st Avenue, Quebec
Crete, James	Royale St., Sorel
Dalceggio, F.	4588 Chemin Cote des Neiges, Montreal
Daudelin, Napoleon	92 St. Antoine St., St. Hyacinthe
Delwaide & Goffin	16 Havre St., Chicoutimi
Ducharme, J. Maurice	255 Notre Dame St., Victoriaville
Gignac, Azarias	St. Alban
Gingras, Roch.	Ste. Foy
Gosselin & Fils, Eng.	Avenue de la Gare, Beauceville Est.
Hansford, Frank	14 Baldwin St., Coaticook
Haselton, Wm.	Beebe
Hawkins, F.	1116 Bleury St., Montreal
Hill, Clayton	Richmond
Jacques, Olivier & Fils	18 Shaw St., Levis
Labricque, Ernest	1345 St. Valier St., Quebec
Lafresnaye, Louis	St. Fabien, Rimouski
La Cie de Mabre & Pierre de Quebec, Ltée.	117 Cote d'Abraham, Quebec
Lefebvre, J. A.	78 - 3rd St., Limoilu, Quebec
National Granite Works Ltd.	Iberville
Paquin, Laurent	1043 Blvd. des Forges, Three Rivers
Picard, W.	Cor. Sherbrooke and Desautels, Montreal
Poulin, P.A.	222 Champlain St., St. Jean
Quinlan Cut Stone Ltd.	Bois Franc Road, St. Laurent
Roberge, Theodule	69 Boulevard Langelier, Quebec
Robertson, Fred	Beebe Junction
Rolland, J. A.	1285 St. Valier St., Quebec
Savard, Jean Baptiste	Ste. Anne de la Perade, Co. Champlain
Shawville Marble & Granite Works	Main St., Shawville
Smith Bros. Memorial Art Ltd.	1195 Ducharme St., Outremont, Montreal
Smith Marble & Cons. Co. Ltd., The	207 Van Horne Ave., Montreal
Sutton Marble & Granite Co.	Sutton
Thompson, T. C.	270 Wellington St. W., Sherbrooke
Trenblay, Geo. E.	113 - 9th Avenue, Iberville
<u>ONTARIO</u> -	
Alpaugh & Sons, J.	St. Andrews St., Fergus
Ambroise, J. F.	58 Alma St., Guelph
Austin, P.O.	Cor. Colborne and Young Sts., Simcoe
Bayne, D. M.	Kemptville
Beaver Marble & Granite	Brock St. W., Uxbridge

LIST OF FIRMS IN THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY IN CANADA, 1932. continued.

<u>Name</u>	<u>Address</u>
ONTARIO - continued	
Benzie, W. E.	649 York St., Hamilton
Bounsall, A. H.	Division St., Bowmanville
Brampton Monument Works	68 Queen St. W., Brampton
Borden Marble & Granite	782 - 2nd Ave. E., Owen Sound
Brantford Monument Works	Cor. Gray and Market Sts., Brantford
Braun, Casper	16 Andrew St., Kitchener
Brockville Cemetery Memorial Works	R. R. 3, Brockville
Brown & Son, R.	376 Sparks St., Ottawa
Brown Monumental Works, Geo.	473 Bronson Ave., Ottawa
Campbell, A. C.	21 Bridge St. W., Belleville
Cecchetto & Knight	295 Lorne St., Sudbury
Charbonneau Marble & Granite Works	95 Elgin St., Arnprior
Clarke & Co., D.	1022 Howard Ave., Windsor
Colby, C. H.	235 King St., Chatham
Collingwood Granite & Marble Works	Simcoe St., Collingwood
Corbett, A. J.	Main St., Mount Forest
Corley, A. C.	Main St., Brighton
Cobourg Granite & Marble Works	King St., Cobourg
Coughlin, John	216 Hunter St., Peterborough
Coughlin, M.	303 Erskine Ave., Toronto
Creber Son & Co.	1333 St. Clair Ave. W., Toronto
Cresswell, W. H.	187 Kent St., Lindsay
Cunningham & Pryde	Main St., Exeter
Davison, Geo. J.	Queen St., Paisley
Dillon, Joseph	55 Stone St., Gananoque
Doan & Panther	20 Elgin St., St. Thomas
Dominion Concrete Burial Vault & Specialties Co. Ltd.	Ridgeville
Doyle, J. E.	269 - 8th St. E., Owen Sound
Edwards, W. R.	1283 Dundas St. W., Toronto
Excelsior Granite & Marble Works	123 Pitt St. E., Windsor
Fallon Bros.	393 Princess St., Kingston
Farnworth, G. H.	Clara Road, Guelph
Froats, George & Co.	Renfrew
George, John J.	Port Elgin
Gibson Marble & Granite Co. Ltd., J.G.	547 Parliament St., Toronto
Gladstone & Ross	388 E. Brock St., Fort William
Hayes Bros. Co.	290 Klock Ave., North Bay
Hibberd, Arthur	195 Melita Ave., Toronto
Hodge Marble Co. Ltd.	34 Price St., Toronto
Howitt, Wm. M.	Dundas St., Napanee
Hunter Granite Works	Argyle St., Simcoe
Hutchinson & Peckham	53 Talbot St., Aylmer
Hurst, S. H.	C.N.R. and Florence Sts., Toronto, 3
Johnston & Cranston	1849 Yonge St., Toronto
Jones, Thomas C.	Listowel
Jones & Stevens	277 Rideau St., Ottawa
Jones, W.A., & Sons	Main St., Picton
Kilvington Bros.	1357 St. Clair St. W., Toronto, 10.
Lake Superior Granite & Marble Works	111 Wellington St., Sault Ste. Marie
Leamington Granite & Marble Works	Erie St. N., Leamington
Lindsay Monumental Works	11 Cambridge St. N., Lindsay
Lippert & Son, F.	Durham St., Walkerton
London Marble & Granite Co. Ltd.	493 Richmond St., London

LIST OF FIRMS IN THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY IN CANADA, 1932. cont'd.

Name	Address
<u>ONTARIO</u> - continued	
Luesby, George W.	178 Main St., Newmarket
McCallum Granite Co. Ltd.	395 Princess St., Kingston
McIntosh Granite Co. Ltd.	1119 Yonge St., Toronto
McIntyre Co., George	60 Danforth Ave., Toronto
McMillan Granite Co. Ltd.	105 Ontario St., Sarnia
Memorial Company of Toronto	2299 Bloor St. W., Toronto
Middleton Marble & Granite Co. Ltd.	122 Main St. E., Hamilton
Monumental Art Co.	2168 Dundas St. W., Toronto
Moore, Walter F.	404 Front St., Belleville
Niagara Cut Stone Co. Ltd.	Buttrey Ave., Niagara Falls
Nobbs, A. & E.	C.P.R. and William St., London
Oakley, & Son, Ltd., Geo.	355 Logan Ave., Toronto
Ontario Marble Co. Ltd.	Maria St., Peterborough
Ontario Monumental Co.	631 Dundas St. W., Toronto
Pollard & Miller	715 Queen St. E., Sault Ste. Marie
Pollock & Ingham	151 Main St., Galt
Porterfield & Colquhoun	Mitchell
Port Hope Monument Works	Ontario St., Port Hope
Rhodes Memorials Ltd.	Cayuga
Richardson, R. H.	Victoria St., Hanover
Ritchie Cut Stone Co. Ltd.	191 Grant Ave., Hamilton, and New Toronto St., New Toronto
Ritchie, James	51 Catherine St., Ottawa
Ruch and Son, L. J.	Wellington St. S., St. Marys
Rutledge, S. H.	Broadway, Orangeville
Sanderson Marble Co., R.J.	33 Peter St., Orillia
Sarnia Marble & Granite Works	Victoria St., Sarnia
Simcoe Marble Works	20 Owen St., Barrie
Skelton and Son	Yonge St., Walkerton
Smith Monument Co.	349 Weston Road, Toronto
Smith, R. B.	Merrickville
Smyth & Son	344 Wellington St., London
Snider, I. R.	106 E. Main St., Humberstone
Standard Stone Co. Ltd.	1440 Howard Ave., Windsor
Stead Cut Stone Co. Ltd., Arthur	Frid St., Hamilton
Stubbs & Gibson	Morrisburg and Winchester
Thake, H. W.	Cor. Spring and George Sts., Westport
Thomas, Geo.	Industrial St., Leaside
Thomson Monument Co. Ltd., The	862 Dupont St., Toronto
Trenton Marble & Granite Works	Front and Ford Sts., Trenton
Twin City Monument Works	King St. E., Kitchener
Wardell Monumental Works	2692 Dundas St. W., Toronto
Webb, George (Estate of)	448 Summerhill Ave., Toronto, 5
Widdicombe, B.	5 Bond St., St. Catharines
Wideman, L.C. & Son	Stouffville
Wilcox Granite Co.	Opposite Woodland Cemetery, Hamilton
Williamson & Sons, W.A.	William St., Gananoque
Williscroft, B.A.	868 - 3rd Ave. E., Owen Sound
<u>MANITOBA</u> -	
Allen & Grant	405 Youville St., St. Boniface
Billing, J.	Carman
Brooke & Sons, J. H.	266 Main St., Winnipeg
Campbell Bros.	90 Hespeler Ave., Elmwood, Winnipeg

LIST OF FIRMS IN THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY IN CANADA, 1932 concluded.

Name

Address

MANITOBA - continued

Gauthier, Joseph
Guinn & Simpson Co. Ltd.
Johnston's Granite Works
MacIntyre, A. L.
Memorial Marble & Tile Co. Ltd.
Neepawa Marble & Granite Works
Peirson, C. H.
Pitotton, N.
Somerville & Co.
Wheeldon & Sons

554½ Des Meurons St., St. Boniface
Tupper St. N., Portage la Prairie
525 Corydon Ave., Winnipeg
361 Bannatyne Ave., Winnipeg
1180 Wall St., Winnipeg
Neepawa
201 - 6th St., Brandon
385 Dubuc St., St. Boniface
1417 Rosser Ave., Brandon
1055 Main St., Winnipeg

SASKATCHEWAN -

Best Monumental Co.
Moose Jaw Marble & Granite Works Ltd.
Regina Monumental Co.
Sask. Marble & Construction Co. Ltd.
Saskatoon Granite & Marble Works Ltd.
Western Granite, Marble & Stone Co. Ltd.
Yorkton Monumental Works
Young Ltd., Alex.

721 Caribou St. W., Moose Jaw
706 Athabasca St. E., Moose Jaw
Albert St. Regina
140 Sixth St. E., Prince Albert
137 Avenue A., North Saskatoon
714 - 2nd Ave. N., Saskatoon
20 Agricultural Ave., Yorkton
Scarth St. and 4th Ave., Regina

ALBERTA -

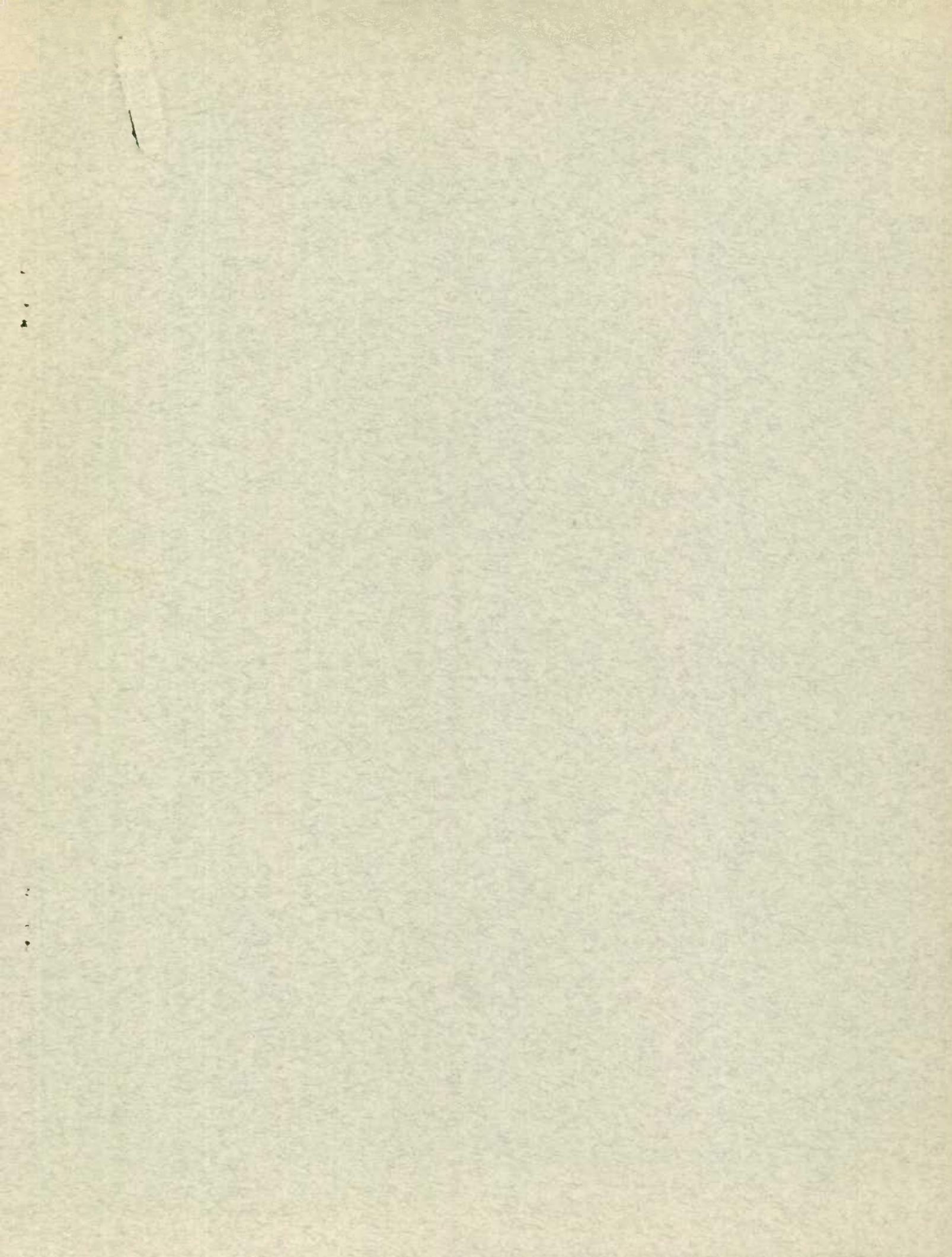
Alberta Granite, Marble & Stone Co. Ltd.
Hart, Albert J.
Lethbridge Monumental Works
McDonald Granite Co. Ltd.
North West Granite & Marble Co.

10702 - 101st St., Edmonton
1821 Second St. E., Calgary
325 - 8th St. S., Lethbridge
2313 Second St. E., Calgary
8537 - 109th St., Edmonton

BRITISH COLUMBIA -

Allan & Co., A.S.
Art Monument Co. Ltd.
Bertram Marble & Granite Works
Burnaby Monumental Works
Continental Marble Co. Ltd.
Forster Monumental Works
Millins, C.E.J.
Mortimer & Son, J.
Newall, John Brodie
Patterson & Chandler
Stewart Monumental Works Ltd.
Willey, C. E.

880 Beach Ave., Vancouver
602 Kingsway, Vancouver
4880 Fraser St., Vancouver
2655 Patterson Ave., Burnaby
1002 Georgia St. E., Vancouver
5528 Fraser St., Vancouver
Comox Rd. and Pine St., Nanaimo
720 Courtney St., Victoria
5000 Fraser St., Vancouver
5498 Fraser St., Vancouver
1401 May St., Victoria
4695 Fraser St., Vancouver



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