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CANADA C. O. S.



THE STONE INDUSTRY

1953

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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: Volume I — The Primary Industries, including mining, forestry and fisheries; Volume II — Manufacturing; Volume III — Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries which they comprise.

Volume I consists of the following parts:

- Part I — Mineral Statistics
- Part II — Forestry Statistics — Operations in the Woods
- Part III — Fisheries Statistics

Part I includes the following reports which constitute the complete series on Mineral Statistics of Canada. Individual reports are issued as the information becomes available; they are arranged in a form suitable for binding.

- A — General Review of the Mining Industry, 50¢
- B — The Gold Mining Industry, 50¢
- C — The Silver-Lead-Zinc Mining Industry, 25¢
- D — The Nickel-Copper Mining, Smelting and Refining Industry, 25¢
- E — The Miscellaneous Metal Mining Industry, 25¢
- F — The Non-ferrous Smelting and Refining Industry, 25¢
- G — The Coal Mining Industry, \$1.00
- H — The Crude Petroleum and Natural Gas Industry, 25¢
- I — The Asbestos Mining Industry, 25¢
- J — The Feldspar and Quartz Mining Industry, 25¢
- K — The Gypsum Industry, 25¢
- L — The Peat Industry, 25¢
- M — The Salt Industry, 25¢
- N — The Talc and Soapstone Industry, 25¢
- O — The Miscellaneous Non-metal Mining Industry, 25¢
- P — The Cement Manufacturing Industry, 25¢
- Q — The Clay and Clay Products Industry, 25¢
- R — The Lime Industry, 25¢
- S — The Sand and Gravel Industry, 25¢
- T — The Stone Industry, 25¢
- U — Contract Drilling in the Mining Industry, 25¢

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THE STONE INDUSTRY, 1953

The Stone Industry is made up of two main divisions: (1) The Stone Quarrying Industry, including quarries and dressing works operated in conjunction with quarries; (2) The Stone Products Industry, comprising the operations of firms having no quarries but which operate dressing works where stone for building and monumental purposes is cut,

polished or otherwise finished. In the Census of Industry, statistics on the stone quarrying industry are included under Mining, while statistics of the stone products industry are included under Manufactures. For convenience, this report carries data for both of these industries.

PRIMARY PRODUCTION—THE STONE QUARRYING INDUSTRY

The kinds of stone quarried in Canada include granite (trap rock, syenite and other igneous rock), limestone, marble, sandstone, and slate. Rocks of the igneous areas of British Columbia, Manitoba, Ontario, Quebec and Maritime Provinces exhibit a wide range of physical characteristics, some varieties being especially noted for their richness of colour and beauty of crystallization. Sedimentary rocks, including limestones, sandstones and marbles are worked at various locations, and the quarries operating in these different formations not only yield high class structural and decorative products but also provide materials for the chemical and allied industries.

During 1953 the stone quarrying industry shipped 19,849,017 short tons of stone valued at \$30,613,051 compared with 18,726,196 tons valued at \$30,835,356 in the preceding year. These figures do not include the stone used in the manufacture of cement and

lime. Shipments of granite and other igneous rocks amounted to 1,350,917 tons valued at \$5,554,530. Shipments of sedimentary rock included 17,461,720 tons of limestone valued at \$23,783,230; marble, 59,655 tons worth \$546,991; sandstone, 974,104 tons worth \$695,965 and slate, 2,621 tons valued at \$32,335.

Of the total output, 39 per cent came from Quebec quarries and 44 per cent was quarried in Ontario.

There were 488 quarries operated by 429 firms. The average number of employees was 3,803 to whom \$10,139,192 were distributed in salaries and wages. Fuel and electricity cost \$1,791,797; included in these figures were 55,847,702 kwh of electricity purchased for \$809,270. Process supplies used were valued at \$2,896,537.

TABLE 1. Principal Statistics of the Stone Quarrying Industry, 1952 and 1953

	1952	1953
Number of firms	419	429
Number of employees:		
Administrative and office	312	318
Workmen	3,585	3,485
Total	3,897	3,803
Earnings:		
Administrative and office	\$ 956,036	\$ 1,054,617
Workmen	\$ 9,274,604	\$ 9,084,575
Total	\$ 10,230,640	\$ 10,139,192
Man-hours worked:		
Workmen	8,659,372	8,368,824
Administrative and office	690,735	771,266
Total	9,350,107	9,140,090
Gross selling value of products at quarries	\$ 30,835,356	\$ 30,613,051
Cost of fuel and electricity	\$ 2,022,599	\$ 1,791,797
Process supplies used	\$ 2,853,477	\$ 2,896,537
Net value of products ¹	\$ 25,959,280	\$ 25,924,717

1. Gross value less cost of process supplies, fuel and electricity.

TABLE 2. Principal Statistics of the Stone Quarrying Industry, by Provinces, 1952 and 1953

Province	Number of quarries	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of process supplies at works	Gross selling value of products at works
1952						
Newfoundland	4	119	352,659	64,567	33,777	768,326
Nova Scotia	26	145	315,325	61,932	83,303	859,508
New Brunswick	7	81	151,209	22,046	12,676	476,105
Quebec	157	2,095	5,231,878	1,054,352	1,367,035	15,282,133
Ontario	203	1,084	3,123,793	665,365	1,084,638	10,303,173
Manitoba	9	145	359,866	76,804	113,544	687,778
Saskatchewan	—	—	—	—	—	—
Alberta	4	1	2,492	750	504	92,499
British Columbia	83	227	693,418	76,783	158,000	2,365,834
Canada	493	3,897	10,230,640	2,022,599	2,853,477	30,835,356
1953						
Newfoundland	5	105	334,471	45,646	85,596	647,469
Nova Scotia	25	101	274,395	56,781	117,565	623,644
New Brunswick	8	84	172,053	31,027	12,880	698,243
Quebec	177	1,999	4,956,070	884,154	1,469,175	13,915,864
Ontario	194	1,178	3,403,301	680,840	979,845	11,818,582
Manitoba	9	109	294,561	35,237	90,858	670,414
Saskatchewan	—	—	—	—	—	—
Alberta	2	—	—	—	—	84,639
British Columbia	68	227	704,341	58,112	140,618	2,154,196
Canada	488	3,803	10,739,192	1,791,797	2,896,537	30,613,051

TABLE 3. Production (Sales) of Stone From Canadian Quarries, by Kinds and by Provinces, 1952 and 1953

Province	Granite ¹	Limestone ²	Marble	Sandstone	Slate	Total	
1952							
Newfoundland	tons \$	20,150 32,725	455,554 735,601	— —	— —	475,704 768,326	
Nova Scotia	tons \$	170,719 474,455	117,895 244,864	— —	51,784 140,189	340,398 859,508	
New Brunswick	tons \$	7,600 25,000	113,580 337,988	— —	39,764 113,117	160,944 476,105	
Quebec	tons \$	1,239,032 4,873,257	6,459,829 9,847,782	26,999 313,678	104,616 246,916	500 500	7,830,976 15,282,133
Ontario	tons \$	350,724 798,680	7,818,958 9,153,307	30,638 211,105	17,091 140,081	— —	8,217,411 10,303,173
Manitoba	tons \$	1,200 1,200	239,615 686,578	— —	— —	— —	240,815 687,778
Alberta	tons \$	— —	22,773 92,499	— —	— —	— —	22,773 92,499
British Columbia	tons \$	700,661 1,121,705	729,595 1,220,524	— —	6,169 9,029	750 14,576	1,437,175 2,365,834
Canada	tons \$	2,490,086 7,327,022	15,957,799 22,319,143	57,637 524,783	219,424 649,332	1,250 15,076	18,726,196 30,835,356
1953							
Newfoundland	tons \$	— —	391,617 647,349	— —	16 120	— —	391,633 647,469
Nova Scotia	tons \$	101,919 358,655	79,524 186,007	— —	11,658 78,982	— —	193,101 623,644
New Brunswick	tons \$	11,500 57,506	129,503 316,397	— —	846,974 324,340	— —	987,977 698,243
Quebec	tons \$	430,238 3,265,420	7,232,775 10,248,476	28,319 284,846	62,153 116,359	763 763	7,754,248 13,915,864
Ontario	tons \$	381,141 1,045,358	8,390,852 10,359,697	31,336 262,145	15,557 151,382	— —	8,818,886 11,818,582
Manitoba	tons \$	2,950 2,850	374,869 667,564	— —	— —	— —	377,819 670,414
Alberta	tons \$	— —	18,833 84,639	— —	— —	— —	18,833 84,639
British Columbia	tons \$	423,169 824,741	843,747 1,273,101	— —	37,746 24,782	1,858 31,572	1,306,520 2,154,196
Canada	tons \$	1,350,917 5,554,530	17,461,720 23,783,230	59,655 546,991	974,104 695,965	2,621 32,335	19,849,017 30,613,051

1. All igneous rocks included.

2. Includes dolomite, also marl for agricultural purposes.

Note. Not included in the above limestone statistics are 4,513,625 tons of limestone consumed in the cement industry in 1952 and 5,330,778 tons in 1953. Also, the limestone used in the lime industry is not included; it is estimated that approximately 2,131,563 tons of limestone were burned in the manufacture of lime in 1952 and 2,163,427 tons in 1953.

TABLE 5. Production (Sales) of Stone From Canadian Quarries, by Kinds, Showing Purposes For Which Used,
1952 and 1953

For use as follows		Granite ¹	Limestone ²	Marble	Sandstone	Slate	Total
1952							
Building stone:							
Rough	tons	12,394	24,054	423	11,278	—	48,149
\$		202,684	219,696	7,574	93,259	—	523,213
Dressed	tons	19,305	39,419	77	2,255	—	61,056
\$		1,301,785	2,245,502	19,152	140,138	—	3,706,577
Monumental and ornamental stone:							
Rough	tons	5,888	199	223	540	—	6,850
\$		153,438	610	9,442	3,240	—	166,730
Dressed	tons	5,098	—	—	—	—	5,098
\$		878,699	—	—	—	—	878,699
Flagstone	tons	726	1,133	—	3,654	—	5,513
\$		5,031	20,965	—	33,634	—	59,630
Curbstone	tons	430	—	—	—	—	430
\$		10,317	—	—	—	—	10,317
Paving blocks	tons	976	—	—	100	—	1,076
\$		16,294	—	—	3,500	—	19,794
Chemical and metallurgical:							
Lining open-hearth furnaces	tons	—	92,560	—	—	—	92,560
\$		—	118,429	—	—	—	118,429
Flux in iron and steel furnaces	tons	—	1,059,212 ³	—	1,309	—	1,060,521 ³
\$		—	1,464,295 ³	—	10,799	—	1,475,094 ³
Flux in non-ferrous smelters	tons	—	160,800	24	—	—	160,824
\$		—	175,838	183	—	—	176,021
Glass factories	tons	—	30,191	—	—	—	30,191
\$		—	58,282	—	—	—	58,282
Pulp and paper mills	tons	—	440,780	15,742	—	—	456,522
\$		—	1,260,417	49,951	—	—	1,310,368
Sugar refineries	tons	—	8,934	—	—	—	8,934
\$		—	11,266	—	—	—	11,266
Other chemical uses	tons	—	17,820 ³	—	—	—	17,820 ³
\$		—	18,592 ³	—	—	—	18,592 ³
Pulverized stone:							
Whiting (substitute)	tons	—	5,046	12,481	—	—	17,527
\$		—	38,272	149,772	—	—	188,044
Asphalt filler	tons	—	40,656 ³	—	—	—	40,656 ³
\$		—	179,022 ³	—	—	—	179,022 ³
Dusting coal mines	tons	—	1,490	—	—	—	1,490
\$		—	8,125	—	—	—	8,125
Agricultural purposes and fertilizer plants	tons	—	464,122 ³	2,695	—	—	466,817 ³
\$		—	1,197,089 ³	6,256	—	—	1,203,345 ³
Other uses	tons	—	43,503	2,100	—	—	45,603
\$		—	137,931	14,700	—	—	152,631
Crushedstone for manufacture of artificial stone	tons	—	3,244	1,823	—	—	5,067
\$		—	24,544	13,351	—	—	37,895
Roofing granules	tons	112,141	— ³	—	—	750	112,891 ³
\$		158,580	— ³	—	—	14,576	173,156 ³
Poultry grit	tons	2,910	5,806	1,005	—	—	9,721
\$		47,700	53,947	6,639	—	—	108,286
Stucco dash	tons	608	2,872	3,403	—	—	6,883
\$		13,160	35,900	40,022	—	—	89,082
Terrazzo chips	tons	—	846	14,330	—	—	15,176
\$		—	7,481	200,517	—	—	207,998
Rock wool	tons	—	4,540	—	—	—	4,540
\$		—	21,131	—	—	—	21,131
Rubble and riprap	tons	708,983	1,222,961	3,061	42,350	500	1,977,855
\$		916,712	1,434,000	5,520	79,035	500	2,435,767
Crushed stone:							
Concrete aggregate	tons	1,185,750	4,873,693	100	50,538	—	6,110,081
\$		2,618,168	5,591,597	150	125,963	—	8,335,878
Road metal	tons	424,302	6,342,270	150	106,241	—	6,872,963
\$		978,017	6,776,894	1,554	155,745	—	7,912,210
Railroad ballast	tons	10,575	1,063,596	—	1,159	—	1,075,330
\$		26,437	1,195,155	—	4,019	—	1,225,611
Other uses	tons	—	8,052	—	—	—	8,052
\$		—	24,163	—	—	—	24,163
Total ²	tons	2,490,086	15,957,799	57,637	219,424	1,250	18,726,196
\$		7,327,022	22,319,143	524,783	649,332	15,076	30,835,356

1. Includes all igneous rock.

2. Does not include limestone used in Canadian lime and cement industries but includes marl used for agricultural purposes.

3. Revised.

TABLE 5. Production (Sales) of Stone From Canadian Quarries, by Kinds, Showing Purposes for Which Used, 1952 and 1953 (Concluded)

For use as follows		Granite ¹	Limestone ²	Marble	Sandstone	Slate	Total
1953							
Building stone:							
Rough	tons	12,457	37,384	189	8,923	—	58,953
\$		289,521	477,042	16,720	80,010	—	863,293
Dressed	tons	10,867	40,215	101	2,097	—	59,280
\$		1,505,558	1,802,280	27,850	111,114	—	3,506,802
Monumental and ornamental stone:							
Rough	tons	9,630	491	52	35	—	10,208
\$		277,162	1,687	2,285	392	—	281,526
Dressed	tons	6,190	—	—	—	—	6,190
\$		693,231	—	—	—	—	693,231
Flagstone	tons	350	2,209	—	3,889	—	6,448
\$		4,095	29,587	—	51,693	—	85,375
Curbstone	tons	192	—	—	—	—	192
\$		5,555	—	—	—	—	5,555
Paving blocks	tons	52	—	—	—	—	52
\$		1,191	—	—	—	—	1,191
Chemical and metallurgical:							
Lining open-hearth furnaces	tons	—	41,189	—	—	—	41,189
\$		—	53,317	—	—	—	53,317
Flux in iron and steel furnaces	tons	—	1,243,913	—	1,258	—	1,245,171
\$		—	1,517,650	—	12,580	—	1,530,230
Flux in non-ferrous smelters	tons	—	156,475	162	—	—	156,637
\$		—	172,401	1,215	—	—	173,616
Glass factories	tons	—	32,789	—	—	—	32,789
\$		—	65,348	—	—	—	65,348
Pulp and paper mills	tons	—	398,541	10,428	—	—	408,969
\$		—	1,127,693	31,284	—	—	1,158,977
Sugar refineries	tons	—	11,137	—	—	—	11,137
\$		—	13,900	—	—	—	13,900
Other chemical uses	tons	—	37,702	—	—	—	37,702
\$		—	41,853	—	—	—	41,853
Pulverized stone:							
Whiting (substitute)	tons	—	5,146	11,767	—	—	16,913
\$		—	39,908	141,204	—	—	161,112
Asphalt filler	tons	5,000	49,943	—	—	—	54,943
\$		10,000	202,031	—	—	—	212,031
Dusting coal mines	tons	—	982	—	—	—	982
\$		—	5,562	—	—	—	5,562
Agricultural purposes and fertilizer plants	tons	—	510,547	4,676	—	—	515,223
\$		—	1,242,665	9,185	—	—	1,251,850
Other uses	tons	—	48,187	950	—	113	49,250
\$		—	159,044	17,000	—	113	176,157
Crushed stone for manufacture of artificial stone	tons	—	1,430	6,357	—	—	7,787
\$		—	14,100	40,441	—	—	54,541
Roofing granules	tons	99,221	—	—	—	1,858	101,079
\$		193,635	—	—	—	31,572	225,207
Poultry grit	tons	4,380	2,008	4,089	—	—	10,477
\$		67,000	15,331	40,950	—	—	123,281
Stucco dash	tons	1,905	7,684	1,170	—	—	10,759
\$		20,445	91,623	9,600	—	—	121,668
Terrazzo chips	tons	—	734	15,486	—	—	16,220
\$		—	6,700	201,787	—	—	208,487
Rock wool	tons	—	14,712	—	—	—	14,712
\$		—	12,188	—	—	—	12,188
Rubble and riprap	tons	715,011	423,639	2	59,860	650	1,199,162
\$		1,319,387	456,108	12	97,417	650	1,873,574
Crushed stone:							
Concrete aggregate	tons	156,888	6,747,666	150	13,647	—	6,918,351
\$		280,890	7,790,011	225	32,163	—	8,103,289
Road metal	tons	322,774	6,755,240	1,226	868,661	—	7,947,901
\$		886,860	7,467,194	1,533	307,826	—	8,663,413
Railroad ballast	tons	—	888,258	350	15,734	—	904,342
\$		—	903,843	700	2,770	—	907,313
Other uses	tons	—	3,499	2,500	—	—	5,999
\$		—	14,164	5,000	—	—	19,194
Total²	tons	1,350,917	17,461,720	39,655	974,104	2,621	19,849,017
	\$	5,534,530	23,783,230	546,991	695,965	32,335	30,613,051

1. Includes all igneous rock.

2. Does not include limestone used in Canadian lime and cement industries but includes marl used for agricultural purposes.

TABLE 6. Production of Stone For Building Purposes, Chemical Use, Cement Manufacture, Concrete Aggregate, Road Metal and Railroad Ballast, 1944-1953

Year		Building stone	For chemical purposes ¹	For concrete aggregate	For road metal	For railroad ballast	For cement manufacture ²
1944	tons	23,142	1,109,362	1,852,335	1,498,258	869,042	1,939,900
	\$	396,202	1,170,372	1,800,692	1,352,796	688,471	—
1945	tons	56,711	1,051,514	1,908,460	1,552,839	820,987	1,919,858
	\$	751,401	1,215,169	1,596,256	1,468,045	678,205	—
1948	tons	70,928	871,148	2,473,643	2,472,033	1,127,775	2,625,008
	\$	1,411,298	1,064,065	2,154,069	2,215,167	971,595	—
1947	tons	102,841	1,204,601	3,178,063	4,177,636	898,612	3,100,829
	\$	2,098,865	1,746,172	3,336,871	4,007,730	774,878	—
1948	tons	80,113	975,661	2,997,809	4,568,701	978,325	3,528,324
	\$	2,298,320	1,452,611	3,116,424	4,558,882	974,371	—
1949	tons	89,702	1,330,110	3,541,542	5,119,559	777,584	4,061,607
	\$	2,439,600	2,060,085	3,807,349	5,305,286	737,237	—
1950	tons	118,840	1,335,969	6,203,220	7,232,983	508,448	4,198,641
	\$	3,266,937	2,174,308	6,550,042	7,705,133	458,146	—
1951	tons	124,185	1,532,692	5,610,456	8,069,481	912,893	4,333,582
	\$	4,575,321	2,823,611	6,418,332	8,105,952	996,161	—
1952	tons	109,205	1,734,812 ³	6,110,081	6,872,963	1,075,330	4,656,613
	\$	4,229,790	3,049,623 ³	8,335,878	7,912,210	1,225,611	—
1953	tons	118,233	1,892,405	6,918,351	7,947,901	904,342	5,579,987
	\$	4,370,095	2,983,924	8,103,289	8,663,413	907,313	—

1. Does not include limestone used in Canadian lime industry which totalled 2,163,427 tons in 1953.

2. Includes shale. In 1953 the shale production totalled 249,209 tons.

3. Revised.

TABLE 7. Imports and Exports of Stone, by Kinds, 1952 and 1953

		1952		1953	
		Quantity	Value	Quantity	Value
IMPORTS					
Building stone, n. o. p.	cwt.	496,284	394,805	620,000	595,134
Curling stones and handles therefor.....	pairs	3,588	120,973	3,549	124,708
Granite, rough, not hammered or chiselled	—	...	130,194	...	188,013
Granite, sawn only	—	...	57,924	...	92,488
Granite, manufactures of, n. o. p.	—	...	182,158	...	300,804
Marble, rough, not hammered or chiselled	—	...	88,675	...	131,075
Marble, sawn or sand rubbed, not polished	—	...	122,061	...	206,706
Marble, not further manufactured than sawn for tombstones	—	...	57,750	...	58,763
Marble for churches	—	...	49,283	...	132,207
Marble, manufactures of, n. o. p.	—	...	19,789	...	32,245
Refuse stone	tons	3,507	6,958	2,899	4,622
Slate roofing	squares	1,088	26,084	803	24,468
Slate mantels and manufactures of slate, n. o. p.	—	...	38,518	...	51,469
Chalk, china, cornwall or cliff stone and mica schist	—	...	3,743	...	6,250
Mineral wool	tons	324	88,562	695	153,698
Whiting, gilders' whiting and Paris white	"	11,966	290,883	12,247	284,229
Manufactures of stone, n. o. p.	—	...	97,280	...	66,210
Chalk, prepared	—	...	2,443	...	1,862
Pumice and pumice stone and lava tufa	—	...	110,369	...	165,709
Grindstones, not mounted and not less than 36 inches in diameter	No.	297	27,591	230	27,306
Grindstones, n. o. p.	"	2,079	7,105	1,574	7,231
Burrstones, rough, in blocks	"	40	1,470	26	986
Ganister	cwt.	5,210	3,512	5,710	4,303
Roofing granules	tons	81,956	1,334,796	94,651	1,670,505
Stone, crushed	"	676,231	591,306	650,535	629,815
Total	—	...	3,852,232	...	4,956,604
EXPORTS					
Building stone, unwrought	tons	235	5,553	105	2,217
Crushed stone	"	11,413	20,018	6,963	11,399
Granite and marble, unwrought	"	1,839	40,411	3,441	65,528
Dressed stone of all kinds	—	...	12,246	...	17,617
Grindstones, manufactured	—	...	20,045	...	22,719
Total	—	...	98,273	...	119,480

TABLE 8. Workmen in the Stone Quarrying Industry, by Months, 1952 and 1953

Month	1952				1953			
	Quarry		Dressing works		Quarry		Dressing works	
	Male	Female	Male	Female	Male	Female	Male	Female
Number								Number
January	1,845	2	755	1	1,733	1	666	—
February	1,884	3	784	1	1,765	1	657	—
March	1,975	4	777	1	1,997	1	710	1
April	2,448	6	881	1	2,462	1	829	1
May	3,066	7	945	1	3,079	4	886	1
June	3,216	6	973	1	3,345	4	926	1
July	3,194	6	990	1	3,278	4	940	1
August	3,319	4	964	1	3,285	4	926	1
September	3,246	3	924	1	3,181	4	937	1
October	3,022	3	907	1	2,915	3	948	1
November	2,704	3	890	1	2,451	3	902	1
December	2,200	3	846	1	1,890	1	769	1
Average	2,686	6	892	1	2,636	4	844	1

GRANITE

Granite, as applied to commercial stone, includes nearly all igneous rocks as well as metamorphic rocks of igneous origin, which may be quarried for use as building, monumental or crushed stone. In

the quarrying of granite for building or monumental stone there is a large quantity of irregularly shaped pieces which are used for breakwaters, road fill and crushed rock for concrete aggregate.

TABLE 9. Production of Granite¹, 1944-1953

Year	Short tons	\$	Year	Short tons	\$
1944	269,964	1,303,790	1949	2,321,017	5,110,024
1945	221,630	1,284,748	1950	2,071,052	4,971,144
1946	319,354	2,006,297	1951	1,950,564	6,014,121
1947	551,527	3,175,364	1952	2,490,086	7,327,022
1948	1,042,928	3,779,436	1953	1,350,917	5,554,530

1. Includes all igneous rock.

LIMESTONE

Quarries for the production of limestone for building purposes are worked in Quebec, Ontario, and Manitoba. Modern requirements of the building stone industry call for blocks of stone of large dimensions from which are sawn slabs and blocks of the exact size required for constructing the building. Although limestone is abundant in Canada the heavily bedded variety of desirable texture, free from cracks and other defects, and capable of being carved and otherwise worked, is not plentiful.

For industrial use limestone is marketed in a variety of forms ranging from huge squared blocks of dimension stone used in construction to extremely fine dust chiefly as a mineral filler. For certain uses (in the wood pulp industry for example) the limestone quarried required little or no processing, but most of the output is crushed and screened for use as road metal, concrete aggregate, railroad bal-

last, and as flux in metallurgical plants. Large quantities are used in the manufacture of Portland cement, lime and various chemical products. Most of the limestone used in chemical and metallurgical industries is of high calcium variety, but dolomite is rapidly increasing in importance as an industrial raw material.

The use of limestone in agriculture is capable of very extensive development. Though the necessity for applying limestone or lime to agricultural land to remedy deficiencies of calcium and magnesium, to neutralize soil acidity, and to maintain or increase soil fertility has been emphasized for many years, the quantity so used in Canada is still relatively small, whereas the agricultural use of limestone could well constitute one of its most important uses both from the economic and tonnage viewpoints.

TABLE 10. Production of Limestone¹, 1944-1953

Year	Marl ²	Limestone, dolomite and marl	Value	Year	Marl ²	Limestone, dolomite and marl	Value
	tons	tons	\$		tons	tons	\$
1944	19,848	5,565,286	5,528,459	1949.....	43,181	10,951,312	13,876,845
1945	14,148	5,677,192	6,284,379	1950.....	48,918	12,267,432	15,964,617
1946	20,363	7,217,600	8,178,513	1951.....	37,799	15,531,948	20,901,704
1947	27,368	9,497,754	11,966,520	1952.....	48,935	15,957,799	22,319,143
1948	22,323	10,003,142	12,523,275	1953.....	64,626	17,461,720	23,783,230

1. Includes dolomite and marl.

2. Included in next column.

MARBLE

Ontario quarries produce about two-thirds of the Canadian output, the balance being produced in Quebec and British Columbia. Most of the marble is crushed or ground for use as terrazzo chips, poultry grit, stucco dash, whiting substitute, and as an aggregate in artificial stone.

In Quebec, clouded grey marbles and a black marble are obtained in the quarries of Missisquoi Stone and Marble Company, Limited, at Philipsburg, near the foot of Lake Champlain. Brown marble for counters and wainscoting is obtained from the building stone quarries in the Trenton limestone at St. Marc des Carrières, Portneuf county. The Orford Marble Company, Limited, produces red, green and grey serpentinous marble near North Stukely, Shefford county. The product is mainly terrazzo, but some blocks have been produced. The South Stukely Marble and Terrazzo Company, in Shefford county, produced terrazzo chips and marble dust for agricultural use. White dolomite is quarried and crushed by Canadian Dolomite Company, Limited, at Portage du Fort, Pontiac county, for terrazzo chips, stucco dash, artificial stone, and various other products.

In Ontario, black marble in blocks up to 40 inches thick is produced by Silvertone Black Marble Quarries, Limited, Ottawa, at St. Albert, 30 miles southeast of Ottawa. Buff, red, white, green and black marbles are quarried north of Madoc by Stocklosar Marble Quarries. The Verona Rock Products Limited, at Verona, about 20 miles northwest of Kingston, produces poultry grit and stucco dash from white limestone. Bolender's Limited produces poultry grit, stucco dash and plaster aggregate from a deposit eight miles north of Haliburton at Eagle Lake. The Pulverized Marble Products, Limited, shipped from a crystalline dolomite deposit near Kaladar.

In Manitoba, a number of highly coloured marbles are available along the Flin Flon and Hudson Bay railroads, and also at Fisher Branch and other places.

In British Columbia there are many deposits of marble, but there is only a small production of white by Marble and Associated Products from a quarry near Victoria.

There is a wide range in the price of marble depending upon the quality and rareness of colouring.

TABLE 11. Production of Marble, 1944-1953

Year	Short tons	\$	Year	Short tons	\$
1944	11,829	85,374	1949.....	52,152	446,905
1945	13,388	113,337	1950.....	55,179	436,502
1946	21,796	201,817	1951.....	63,982	492,820
1947	45,574	326,605	1952.....	57,637	524,783
1948	68,347	528,529	1953.....	59,655	546,991

SANDSTONE

Canadian sandstone has been utilized extensively in the construction of many important public buildings in Canada, and is finding increasing favour as a material in the construction of the better type home. The rock occurs in Canada in a variety of colours, including white, reddish brown, yellow and grey. Shipments of sandstone were made in 1953 from quarries located in all of the provinces with the exception of Prince Edward Island, Manitoba, Saskatchewan and Alberta.

The greater part of the crude output in 1953 was employed as rubble and riprap and in the crushed state for concrete, highway construction and railroad ballasting. Sandstone in New Brunswick and Nova Scotia has been employed in the manufacture of abrasive wheels and sharpening stones; such production is included with natural abrasives manufacture. Crude, crushed or ground quartzite sold for fluxing purposes or as silica sand is included under quartz as production.

TABLE 12. Production of Sandstone, 1944-1953

Year	Short tons	\$	Year	Short tons	\$
1944	146,766	223,453	1940	596,989	1,014,084
1945	291,430	466,397	1950	3,685,070	4,418,059
1946	495,777	778,213	1951	1,124,551	1,173,665
1947	792,900	975,394	1952	219,424	649,332
1948	577,887	1,065,329	1953	974,104	695,965

SLATE

Canadian slate production in 1953 came entirely from the provinces of Quebec and British Columbia, and represented shipments of the stone in the form of granules for roofing purposes, riprap and asphalt

filling. No Canadian deposits of slate suitable for the production of high grade roofing slates or shingles have been reported as being under development in recent years.

TABLE 13. Production of Slate, 1944-1953

Year	Short tons	\$	Year	Short tons	\$
1944	1,147	18,101	1949	6,569	80,215
1945	1,915	17,839	1950	8,331	105,035
1946	1,733	20,871	1951	5,661	67,458
1947	1,633	20,866	1952	1,250	15,076
1948	4,339	51,484	1953	2,621	32,335

ROOFING GRANULES

The greater part of the roofing granules output in Canada comes from Ontario deposits, the remainder from Quebec and British Columbia. More than half of the tonnage used is imported from the United States. Rock suitable for roofing granules is quarried in the Madoc area in Ontario, and in British Columbia. The only plant in Canada which colours the granules is located at Havelock, Ontario. The Wendell Mineral Products, Limited, has built a plant at Landrienne, east of Amos, Quebec, where a grey rhyolite is crushed to size and artificially coloured.

Rocks suitable for granules should be fairly hard, and tough enough to withstand breakage and

dusting through handling with mechanical equipment; should be fine-grained with low porosity to withstand weathering effects from freezing and thawing; and should contain no "foreign materials" such as carbonates, feldspars, mica, sulphides, fibrous minerals, etc., that would deteriorate through natural weathering agencies or through poor adhesion to the asphalt. They should be opaque to the transmission of the actinic rays of the sun and not allow the passage of ultra-violet or infra-red rays to the underlying asphalt; should "break well" and should be uniformly textured to take "artificial colouring" well so that no blotchy effect is apparent in the shingles on a roof, light coloured rock being preferable to dark coloured.

TABLE 14. Fuel and Electricity Used in the Stone Quarrying Industry, 1953

Kind	Unit of measure	Quantity	Cost at plant
Bituminous coal (a) From Canadian mines.....	short ton	3,446	\$ 50,634
(b) Imported	"	2,408	31,190
Sub-bituminous coal (from Alberta mines only)	"	170	2,201
Anthracite coal	"	19	531
Lignite coal	-	-	-
Coke (for fuel only)	short ton	118	1,573
Gasoline, (includes gasoline used in cars and trucks)	Imp. gal.	1,694,836	599,452
Kerosene or coal oil	"	3,517	945
Fuel oil (does not include lubricating oil)	"	1,381,764	285,030
Wood (cords of 128 cubic feet of piled wood)	cord	436	4,108
Gas (a) Liquefied petroleum gases (propane, etc.)	M cu. ft.	...	125
(b) Other manufactured gas	"	...	900
(c) Natural gas	"	...	5,838
Other fuel	-	-	-
Electricity purchased for power and lighting (includes service charge)	k. w. h.	55,847,702	809,270
Electricity purchased for other purposes (includes service charge)	-	-	-
Total (cost only)	-	...	1,791,797
Districts generated (a) For own use	k. w. h.	1,420,790	-
(b) For sale	-	-	-

TABLE 15. Power Equipment (Including stand-by or emergency equipment) in the Stone Quarrying Industry, 1953

Description	Ordinarily in use		In reserve or idle	
	Number of units	Total h.p. (according to manufacturer's rating)	Number of units	Total h.p. (according to manufacturer's rating)
1. Steam engines	32	1,639	6	330
2. Steam turbines	8	640	-	-
3. Diesel engines	175	17,890	14	1,182
4. Gasoline, gas and oil engines, other than Diesel engines	249	14,241	9	562
5. Hydraulic turbines or water-wheels	-	-	-	-
6. Electric motors—(except those reported under item 10):				
(a) Operated by purchased power	1,723	41,207	191	4,671
Total (1), (2), (3), (4), (5) and (6 a).....	2,187	75,617	220	6,745
(b) Operated by power generated by (1), (2), (3), (4) and (5)	16	626	-	-
7. Stationary boilers for power purposes only	14	1,145	3	220
10. Motor-generator sets	21	1,085	-	-

In 1953 there were 159 stone dressing works whose operations were concerned chiefly in cutting or polishing Canadian or imported stone to produce finished monuments or cut and dressed stone for construction purposes. Retail establishments engaged only in selling or lettering monuments and dressing works operated by quarry owners located either at the quarry or elsewhere have not been included. The operations of twelve plants manufacturing mineral wool were also included in this industry.

Output from this industry was valued at \$22,695,639 in 1953, an increase of 12.9 per cent over the total of \$20,105,980 reported for the previous year. The 67 works in Ontario accounted for 76 per cent of the total output and the 44 plants in Quebec for 9 per cent. The total number of employees was 2,217 who were paid \$6,719,771 in salaries and wages. Materials used in cutting and dressing processes including stone, cost \$7,816,157. The latter figure also includes the cost of materials used in the production of mineral wool. Expenditures for fuel and electricity amounted to \$922,948.

TABLE 16. Principal Statistics of the Stone Products Industry, 1949-1953

Year	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
1949	163	2,053	\$ 4,542,522	\$ 707,081	\$ 6,095,824	\$ 17,449,330
1950	165	2,429	5,730,817	862,626	6,589,627	19,889,745
1951	161	2,270	6,198,170	766,099	6,733,301	18,705,651
1952	155	2,142	6,203,703	828,107	7,354,093	20,105,980
1953	159	2,217	6,719,771	922,948	7,816,157	22,695,639
Per cent change, 1953 from 1952	-	+3.5	+8.3	+11.5	+6.3	+12.9

Note. Profits or losses cannot be calculated from the above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

TABLE 17. Principal Statistics of the Stone Products Industry, by Provinces, 1952 and 1953

Province	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
1952			\$	\$	\$	\$
Newfoundland	3 }	32	69,644	7,207	58,646	177,133
Prince Edward Island	1					
Nova Scotia	7	68	133,358	24,705	146,565	434,847
New Brunswick	6	58	113,902	10,025	81,183	263,305
Quebec	42	277	645,778	55,295	622,121	1,722,882
Ontario	63	1,374	4,465,806	660,623	5,544,476	15,084,390
Manitoba	10	61	198,455	8,393	124,205	565,956
Saskatchewan	6	48	100,229	16,501	139,780	375,382
Alberta	8	123	258,768	26,629	376,075	803,527
British Columbia	9	81	217,763	18,729	261,042	678,558
Canada	155	2,142	6,203,703	828,107	7,354,093	20,105,980
1953			\$	\$	\$	\$
Newfoundland	3 }	33	69,697	5,741	59,378	191,226
Prince Edward Island	1					
Nova Scotia	7	80	179,098	25,575	210,050	561,301
New Brunswick	6	50	130,273	10,741	40,965	200,589
Quebec	44	284	693,966	54,186	808,143	2,047,516
Ontario	67	1,482	4,944,366	766,082	5,722,979	17,295,737
Manitoba	10	74	172,622	8,066	168,185	462,823
Saskatchewan	5	43	92,416	4,658	140,211	336,239
Alberta	7	90	226,619	22,113	391,751	883,621
British Columbia	9	81	210,714	25,786	274,495	716,587
Canada	159	2,217	6,719,771	922,948	7,816,157	22,695,639

TABLE 18. Output of the Stone Products Industry, 1952 and 1953

Product	Total selling value at works	
	1952	1953
	\$	\$
Granite, cut and polished:		
(a) Monuments	2,652,758	3,058,768
(b) For building purposes	503,307	584,549
Marble, cut and polished:		
(a) Monuments	682,294	823,186
(b) For building purposes	444,054	665,621
Marble chips and dust	1,443	18,229
Limestone:		
(a) Monuments and bases	51,027	38,426
(b) For building purposes	2,434,260	2,502,958
Semi-finished monuments, bases and markers (all kinds, sold for further processing except lettering)	175,852	166,780
Finished monuments, lettered only	482,087	457,199
Other products ¹	12,561,237	14,217,099
Repairs and custom work (re-lettering, etc.)	171,661	164,824
Total	20,105,980	22,696,639

1. Includes mineral wool, etc.

TABLE 19. Cost of Materials Used in the Stone Products Industry, 1952 and 1953

	Cost at works	
	1952	1953
	\$	\$
Stone:		
(a) From Canadian quarries	1,114,636	1,245,225
(b) Imported	1,002,222	994,113
Semi-finished monuments and slabs for further processing, except lettering	67,689	174,902
Monuments, cut and polished, for lettering only	188,184	204,120
Silica sand or ground quartz	95,004	103,621
Slag and stone for mineral wool	506,958	589,093
Coke for mineral wool	394,901	355,253
All other materials	3,984,299	4,149,830
Total	7,354,093	7,816,157

TABLE 20. Production¹ of Mineral Wool for Building Insulation, 1944-1953

Year	Selling value at works	Year	Selling value at works
	\$		\$
1944	1,617,420	1949	7,474,227
1945	1,839,122	1950	8,104,832
1946	4,098,099	1951	7,926,859
1947	4,966,388	1952	7,923,370
1948	5,828,896	1953	9,002,173

1. Does not include production of other forms such as, pipe covering, refrigerator car insulation, stove, refrigerator and other appliances insulation, etc.

TABLE 21. Imports of Mineral Wool and Glass Wool, 1944-1953

Year	Mineral wool		Glass wool		Total	
	Pounds	\$	Pounds	\$	Pounds	\$
			Included with mineral wool			
1944	2,619,513	147,862			2,619,513	147,862
1945	8,989,862	460,677	—	188,696	—	649,373
1946	11,733,377	464,880	—	408,068	—	872,948
1947	8,663,106	417,450	—	520,786	—	938,236
1948	111,152	8,795	20,143,761	1,303,099	20,254,913	1,311,894
1949	168,818	10,472	1,659,936	307,854	1,828,754	318,326
1950	208,738	77,848	820,754	318,216	1,029,492	396,064
1951	527,901	68,443	1,289,002	360,684	1,816,903	425,127
1952	648,297	86,562	552,018	201,817	1,200,315	288,379
1953	1,389,100	153,698	708,053	311,338	2,097,153	465,036

TABLE 22. Factory Shipments¹ of Mineral Wool for Building Insulation, by Grades, 1953

		Quantity	Selling value at works
			\$
4-inch batts	Sq. ft.	3,210,999	186,138
3-inch batts	Sq. ft.	44,177,791	1,948,715
2-inch batts	Sq. ft.	134,211,480	5,022,559
1-inch batts	Sq. ft.	8,252	187
Granulated	cu. ft.	9,650,156	1,639,501
Bulk or loose wool	cu. ft.	1,353,351	205,073
Total	-	-	9,002,173

1. See footnotes to Tables 20 and 23.

TABLE 23. Producers' Shipments of Mineral Wool for Building Insulation, by Months, 1952 and 1953

	Four-inch batts	Three-inch batts	Two-inch batts	Granulated wool	Bulk or wool
	sq. ft.	sq. ft.	sq. ft.	cu. ft.	cu. ft.
1952					
January	252,312	2,744,232	6,239,356	888,607	117,998
February	159,886	1,970,266	5,573,486	559,250	71,576
March	191,849	1,722,125	6,227,043	434,391	54,033
April	170,726	1,918,924	5,793,954	434,691	55,820
May	157,182	2,565,376	9,017,827	566,818	50,170
June	253,726	2,958,948	9,539,283	621,812	77,382
July	365,311	3,644,220	10,267,181	823,283	77,115
August	330,674	4,119,640	12,011,870	907,313	96,625
September	252,807	4,448,950	11,895,137	1,057,804	168,556
October	329,801	4,750,907	13,236,214	1,296,877	171,324
November	294,681	4,827,191	13,825,150	1,222,963	159,541
December	286,372	3,671,824	11,703,869	900,108	141,343
Total	3,045,327	39,342,603	115,330,370	9,713,917	1,241,316
1953					
January	325,217	3,106,193	9,572,405	827,293	131,398
February	229,930	2,253,230	7,263,232	547,834	84,217
March	186,962	2,427,989	8,756,442	505,384	100,481
April	152,198	2,085,267	8,061,046	435,402	57,006
May	240,093	3,233,801	9,872,088	595,216	90,594
June	178,289	3,462,728	10,512,699	759,442	81,703
July	457,458	4,575,503	14,078,685	887,699	142,980
August	263,648	4,783,987	14,774,831	811,393	114,832
September	336,519	5,060,083	14,452,953	1,024,914	95,507
October	375,298	5,671,974	14,358,105	1,281,740	87,156
November	298,154	4,696,711	13,239,350	1,090,955	105,454
December	149,673	3,188,589	9,803,201	793,078	56,146
Total	3,193,439	44,546,055	134,745,037	9,560,350	1,147,473

Note: The difference in totals shown in Tables 22 and 23 is accounted for the most part by the fact that the former were developed from reports which in some instances were filed on a fiscal, rather than calendar year.

Producers of Mineral Wool, 1953

Name	Location of plant
Bishop Asphalt Papers Ltd.	Toronto, Ontario
Canadian Gypsum Company Ltd.	Weston, Ontario
Canadian Johns-Manville Co. Ltd.	Port Union, Ontario
Electric Reduction Co. of Canada Ltd.	Buckingham, Quebec
Elmac Company	Amherst, Nova Scotia
Fiberglas Canada Limited	Sarnia, Ontario
Glacial Rock Insulation Ltd.	Moose Jaw, Saskatchewan
Gypsum, Lime & Alabastine, Canada, Ltd.	Caledonia, Ontario; Calgary, Alberta
Holmes Foundry Co. Ltd.	Sarnia, Ontario
Spun Rock Wools Ltd.	Thorold, Ontario
Western Insulation Limited	Vancouver, British Columbia

TABLE 24. Employees, Salaries and Wages in the Stone Products Industry, by Provinces, 1952 and 1953

Province	Number of employees				Earnings			
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
1952								
Newfoundland								
Prince Edward Island	8	3	21	—	32	23,850	45,794	69,644
Nova Scotia	10	5	53	—	68	42,844	90,514	133,358
New Brunswick	7	1	50	—	58	22,510	91,392	113,902
Quebec	67	8	201	1	277	177,624	488,154	645,778
Ontario	226	93	1,050	5	1,374	1,185,177	3,280,629	4,465,806
Manitoba	18	4	52	7	81	67,431	131,024	198,455
Saskatchewan	9	2	35	2	48	29,705	70,524	100,229
Alberta	14	6	96	7	123	41,196	217,572	258,768
British Columbia	21	1	59	—	81	69,770	147,993	217,763
Canada	380	123	1,617	22	2,142	1,660,107	4,543,596	6,203,703
1953								
Newfoundland								
Prince Edward Island	9	3	21	—	33	23,949	45,748	69,697
Nova Scotia	9	5	66	—	80	43,395	135,703	179,098
New Brunswick	5	1	44	—	50	17,110	113,163	130,273
Quebec	68	8	203	5	284	193,773	500,193	693,966
Ontario	260	96	1,119	7	1,482	1,323,741	3,620,625	4,944,366
Manitoba	19	4	48	3	74	63,203	109,419	172,622
Saskatchewan	9	2	30	2	43	26,875	65,541	92,416
Alberta	11	5	70	4	90	38,889	187,730	226,619
British Columbia	25	2	54	—	81	88,910	121,804	210,714
Canada	415	126	1,655	21	2,217	1,819,845	4,899,926	6,719,771

TABLE 25. Capital and Repair Expenditures in the Stone Products Industry, 1949-1953

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures			
	Construction	Machinery and equipment		Construction	Machinery and equipment					
1949	26	466	492	50	516	586	1,058			
1950	33	467	500	111	838	949	1,449			
1951	239	652	891	318	761	1,079	1,970			
1952	71	409	480	205	750	955	1,435			
1953 ¹	56	445	501	170	795	965	1,466			

1. Preliminary.

TABLE 26. Fuel and Electricity Used¹ in the Stone Products Industry, 1948 and 1953

Kind	1948		1953	
	Quantity	Cost at works	Quantity	Cost at works
Bituminous coal:		\$		\$
From Canadian mines	tons	2,327	24,394	1,649
Imported	"	4,461	49,223	1,976
Sub-bituminous coal (from Alberta mines only)	"	522	3,566	33
Anthracite coal	"	345	5,630	206
Lignite coal	"	65	439	15
Coke	"	3,734	73,419	4,647
Gasoline	Imp. gal.	186,315	60,479	140,878
Kerosene	"	5,901	1,290	19,992
Fuel oil	"	1,327,306	187,538	3,459,748
Wood	cords	241	2,882	201
Gas:				
Liquefied petroleum gases (propane, etc.)	Imp. gal.	2	2	270,765
Other manufactured gas	M. cu. ft.	10,879	8,440	132
Natural gas	M. cu. ft.	3,383	1,803	50,144
Other fuel	—	—	1,960	—
Electricity purchased	k.w.h.	10,312,663	157,328	19,774,359
Total cost	—	—	578,391	—
				922,948

1. Details shown in Tables 26 and 27 are collected only every five years; accordingly, data for intervening years are not available.
 2. Not collected separately.

TABLE 27. Power Equipment¹ in the Stone Products Industry, 1948 and 1953

	Ordinarily in use		In reserve or idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
1948				
Steam engines	2	220	—	—
Diesel engines	3	143	2	116
Gasoline, gas and oil engines, other than Diesel engines	19	459	4	32
Total primary	24	822	6	148
Electric motors run by purchased power	1,025	11,157	52	666
Total	1,049	11,979	58	814
Boilers for power purposes only	4	494	—	—
Motor-generator sets	11	450 k.v.a.	6	285 k.v.a.
1953				
Steam engines and steam turbines	2	64	1	420
Diesel engines	1	100	2	141
Gasoline, gas and oil engines, other than Diesel engines	21	619	1	4
Total primary	24	783	4	565
Electric motors run by purchased power	1,714	13,207	51	455
Total	1,738	13,990	55	1,020
Motor-generator sets	2	105 k.v.a.	—	—

1. See footnote to Table 26.

List of Firms in the Stone Quarrying Industry - 1953

Name	Head office address	Location
GRANITE		
Newfoundland:		
Newfoundland Department of Highways ¹	St. John's	Various
Nova Scotia:		
Dauphinee, W. T.	Box 68, Shelburne	Birchtown
Erinville Black Granite Quarry Ltd.	Sydney	Erinville
Municipal Spraying and Contracting Ltd.	1350 Barrington St., Halifax	Tedford
Nixon Granite Works ²	R.R. 3, Middleton	Nictaux West
Nova Scotia Department of Highways	Halifax	Various
Scott, T. W., & Co. ²	Box 336, Middleton	Nictaux West
New Brunswick:		
Stults Monument Works ²	Saint John	Hampstead
Quebec:		
Adu Granite Inc. ²	P.O. Box 83, Montreal	Beebe
Angus Robertson Ltd.	5035 Western Ave., Montreal	Baie Comeau
Atlas Granite Co. Ltd.	Guenette	Guenette
Belanger, Philippe	10 Bellevue St., Shawinigan Falls	Shawinigan Falls
Bolduc, Antonio ²	St-Sébastien	Ste-Cécile
Bouchard, T. Albert	La Tuque	La Tuque
Brodies Ltd. ²	1070 Bleury St., Montreal	Graniteville, Guenette and Mount Johnson
Brussière & Frère Enrg. ²	St-Sébastien	St-Sébastien
Canada Black Granite Co. Ltd. ²	316 Lafulippe St. W., Rouyn	Beaudry
Carrière St-Francis Xavier	Grand'Mère	Grand'Mère
Carrière Shawinigan Enrg. ²	Shawinigan Falls	Glenada
Cartier-McNamara-Mannix-Morrison-Knudsen	Seven Islands	Seven Islands
Cloutier, R. L. ²	Beebe	Beebe
Deschambault Quarry Corp. ²	5000-13 lème ave, Montréal	St-Gérard
Dubé, Normand, & Fils	Rawcliffe	Rawcliffe
Dumas & Voyer ²	Rivière-à-Pierre	Rivière-à-Pierre
Everlasting Granite Co. Ltd. (The) ¹	Lac Megantic	St. Samuel
Foundation Co. of Canada, Ltd.	1900 Sherbrooke St. W., Montreal	Gaspe
Gaboriault & Nevers Reg'd. ²	P.O. Box 65, Grenville	Grenville
Gingras & Frère Ltée ²	Stanhope	Stanhope
Granit National Ltée, Le ²	St-Joseph D'Alma	St-Gédéon, Ste-Anne and St-Joseph d'Alma
Grenier, Elie	Glenada	Glenada
Highway Paving Company Limited	3701 Côte St. Michel Rd., St. Michel	Baie Comeau
Hydro Quebec	107, rue Craig W., Montréal	Rouyn-Noranda
Laforme, Noé	Ste-Flore	Ste-Flore
Laroche, Omer ²	Rivière-à-Pierre	Rivière-à-Pierre
Marvel Granite Reg'd.	17 Notre Dame St., Donnacona	St. Raymond
McNamara Construction Co. Ltd.	42 Industrial St., Toronto, Ontario	Forestville
Moreau, P. ²	Hebertville Station	Hebertville Station
Parent, G. H. ²	St-Jerome	St-Jerome
Parent, R.	Ste-Agathe des Monts	Labelle Co.
Perron, A.	Rivière-à-Pierre	Portneuf Co.
Poisson, M.	Guenette	Guenette
Quebec Department of Roads	Quebec	Various
Quebec Iron & Titanium Corporation	1510 Drummond St., Montreal 25	Lac Allard
St. Bruno Quarry & Paving Co. Inc.	636, ave Querbes, Outremont	St. Bruno
St. Pierre, J.	Quenette	Quenette
St. Samuel Granite ²	St. Samuel Station	St. Samuel Station
Scotstown Granite Co. Ltd. ²	Cap St-Martin	Cap St-Martin
Silver Granite Co. Ltd. ²	2251, rue Delormier, Montréal	St-Samuel
Simard & Frère Cie Ltd. ¹	Amos	Amos
Stanstead Granite Quarries Company Limited ²	Beebe	Graniteville
Super Service Bureau Enrg.	141, ave Principal, Rouyn	Noranda
Suzon, O.	Pont Rouge	Pont Rouge
Wendell Mineral Products Ltd.	2200 Aldred Bldg., Montreal	Landrienne
White Diamond Granite Co. Ltée ²	1043 Blvd. des Forges, Trois-Rivières	Wolfe Co.
Ontario:		
Boothby, F. G.	Port Cunnington	Franklin Tp.
Building Products Ltd.	P.O. Box 6063, Montreal, Quebec	Madoc and Havelock
Canadian Dredge & Dock Co. Ltd. ¹	302 Harbour Commission Bldg., Toronto	Port Arthur
Hall, Wilfred	36 Burritt St., Parry Sound	Mill Lake
Verona Rock Products Ltd.	Verona	Verona
Manitoba:		
Manitoba Department of Highways	Winnipeg	Various
Shoal Lake Granite Co. ¹	East Braintree	East Braintree
Winnipeg Manitoba Co. Ltd. ¹	1180 Wall St., Winnipeg	West Hawk Lake
British Columbia:		
B.C. Monumental Works Ltd. ¹	3096 Main St., Vancouver	Granite Island
Canadian National Railways	Montreal, Quebec	Yale, Pitman, Copper Creek and Ashcroft
Coast Quarries Ltd.	1840 West Georgia St., Vancouver	Granite Falls
Gilley Bros. Ltd.	902 Columbia St., New Westminster	New Westminster
Gilpin Construction Co. Ltd.	119 W. Pender St., Vancouver	Burard
Hedley Granite Quarries Ltd.	Hedley	Hedley
Interior Contracting Co. Ltd.	Penticton	Oliver
McDonald, J. A. & C. H., Limited ²	1571 Main St., Vancouver	Sointula
Nelson Granite & Monumental Co. ¹	Nelson	Nelson
Stucco Supply Co.	937 Main St., Vancouver	Oliver
Trail, City of	1394 Pine Ave., Trail	Trail
Valley Granite Products	Cheam-View	New Westminster
Vancouver Granite Co. Ltd. ²	744 Hastings St. W., Vancouver	Nelson Island
Vernon Granite & Marble Co. ²	32 Coldstream Rd., Vernon	Vernon
Wilson, James S., & Co. Ltd. ²	Sirdar	Sirdar

List of Firms in the Stone Quarrying Industry — 1953 — Continued

Name	Head office address	Location
LIMESTONE		
Newfoundland:		
Bowater's Newfoundland Pulp & Paper Mills Ltd. Dominion Limestone Limited Newfoundland Lime Mfg. Co. Ltd. Newfoundland Department of Highways	Corner Brook Aguathuna St. John's St. John's	Corner Brook Aguathuna Cobbs Arm Various
Nova Scotia:		
Cook, Bruce Grant, G. W. Mersey Paper Co. Ltd. Mosher Limestone Co. Ltd. Nova Scotia Department of Highways	East River Point Milford Station Liverpool Upper Musquodoboit Halifax	East River Point Admiral Rock East River Point Upper Musquodoboit Various
New Brunswick:		
Brookville Manufacturing Co. Ltd. Canada Cement Company Limited Elm Tree Limestone Co-Operative Ltd. Havelock Lime Works Snowflake Lime Ltd.	Brookville Box 490, Station B, Montreal, Que. Nigadoo Havelock 3 Pokiok Rd., Saint John.....	Brookville Havelock Nigadoo Havelock Saint John
Quebec:		
Aluminum Company of Canada Ltd. Amendements Calcaires de Rivière Bleue Enrg., (Les) Archambault Cut Stone Co. Ltd. ² Beaudry, Joseph P. Bédard, Jean, Ltée Boucher, Louis Canada Cement Co. Ltd. Canadian Quarries Co. Carrière Andorno ² Carrière Bagot Quarry inc. Carrière Bernier Enrg. Carrière Chateau Enrg. Carrière du Cap St-Martin Enrg. Carrière Gouin Limitée Carrière Gravel Ltée Carrière Montreal-Est Ltée Carrière Pointe Claire Carrière de St-Barthélemy Ltée Carrières de St-Dominique Ltée, (Les) Carrière St-Maurice Inc. Carrière Trois Rivières Ltée Charbonneau, Lucien Charron & Fils Clé de Pierre de Taille Martineau Ltée, La* Consumers Quarry Limited Department de la Justice ² Deschambault Quarry Corp. ² Dominion Lime Ltd. Entreprises de l'Est Ltée. Filion, Aldège Gagnon & Fils Gagnon, Rosalie Gauthier, Jos. C., Ltée ² Gingras & Frère Ltée ² Guil Maritime Construction Ltd. Jourdain, E. Kennedy Construction Co. Ltd. Lagacé Quarries Ltd. Langlois, A. Leclerc, J. J. & Fils Ltée Ministère de la Voie Miron Frères Ltée Montreal Cut Stone Ltd. ² Montreal Quarry Ltd. National Quarries Ltd. Northern Paving & Ready Mix Limited Notre Dame Quarries Co. Ltd. Paquet & Fils Enrg. Plourde & Plourde Ltée Port Daniel Quarry Reg'd. Poulin, A. Quebec Department of Roads Riou, Raoul & Maurice Rousseau, T. E. St. Francis Rock Products & Equipment Ltd. St. Laurent Stone Products & Supplies Ltd. St. Marc Lime Reg'd. Salaberry de Valleyfield, La Cité* Shawinigan Chemicals Ltd. Sicotte, A., & Fils Ltd.	1700 Sun Life Bldg., Montreal Rivière-Bleue Bélanger Village 133 Taché St., Joliette 480 Lafleur Ave., La Salle Percé P.O. Box 290, Station "B", Montreal 2251, Chemin de la Côte St-Michel Cap St-Martin St-Hyacinthe R.R. 2, St. Jean Château-Richer 636, ave Querbes, Outremont 139 Blvd. Normand, Trois-Rivières Château-Richer 1175 St. Leonard, Port Maurice 235 Montée St-Charles, Ste-Geneviève St- Barthélémy 555 St-Denis, St-Hyacinthe 1497 Craig St., Trois Rivières St-Louis de France St-François de Sales Bélanger Village 5000 — 131ème ave, Montréal 8413, boul. St-Michel, Ville St-Michel Ottawa, Ontario 5000 — 131ème ave, Montréal Lime Ridge 1055 Demontigny St., Quebec Lachute St-Joachim Roberval St-Marc des Carrières St-Marc des Carrières Matane Cap-Chat 407 McGill St., Montreal 130, boul. Labelle, L'Abord-à-Plouffe St-Marc des Carrières Drapeau Québec 2201, Chemin St-Michel, Montréal 1869, rue St-André, Montréal 2020, ave Union, Montréal 6301 Park Ave., Montréal 10122 St. Lawrence Blvd., Montréal Bon Conseil St-Marc des Carrières Chicoutimi Port Daniel Station St-Féréol Québec Cowansville Val Brillant Côte Ste. Marguerite, Montreal Côte Ste. Marguerite, Montreal St-Marc des Carrières Salaberry de Valleyfield 600 Dorchester St. W., Montreal 950 Sherbrooke St. E., Montreal	Arvida Rivière-Bleue Bélanger Village Joliette La Salle Percé Hull St-Michel Cap St-Martin St-Dominique St. Jean Montmorency Cap St-Martin Portneuf Co. Château-Richer Port Maurice Pointe Claire St-Barthélemy St-Dominique St-Louis de France St-Louis de France St-François de Sales Bélanger Village Pont Vieux Ville St-Michel St-Vincent de Paul St-Marc des Carrières Lime Ridge Pointe Basse and East Cape Lachute St-Joachim Roberval St-Marc des Carrières St-Marc des Carrières Matane Cap-Chat Actonvale L'Abord-à-Plouffe St-Marc des Carrières Drapeau St-Charles de Bellechasse Montréal St-François de Sales St-Michel Côte St. Michel Cap St. Martin Bon Conseil St-Marc des Carrières Chicoutimi Port Daniel Station St-Féréol Various Cowansville Val Brillant St. Laurent St. Laurent St-Marc des Carrières Salaberry de Valleyfield Bedford Berthierville

List of Firms in the Stone Quarrying Industry - 1953 - Continued

Name	Head office address	Location
LIMESTONE - Continued		
Quebec - concluded:		
Standard Lime Co. Ltd.	Joliette	St-Paul de Joliette
Tanguay, J.	Ste-Justine	Ste-Justine
Trappe de N. D. de Mistassini, La	Village des Pères	Mistassini
Union des Carrières & Pavages Ltée	496 - 2ième ave., Québec	Charlesbourg
Union Construction Limitée	St-Jean	St-Jean
United Stone Products Ltd.	Ste-Genevieve de Pierrefonds	Ste-Genevieve de Pierrefonds
Vaudry, J. & E.	Cap St-Martin	Laval Co.
Verreault, Elzear, Ltée.	194, du Pont, Québec	Gifford
Viau, Paul	340, boul. du Havre, Valleyfield	Valleyfield
Ontario:		
Abitibi Power & Paper Co. Ltd.	408 University Ave., Toronto	Bucke Tp.
Armstrong Bros. Construction	Brampton	Vinemount
Bertrand & Frère Cons. Co. Ltd.	L'Original	Plantagenet
Brundige Construction Co. Ltd.	Frankville	Frankville
Brunner Mond Canada Ltd.	Bank of Commerce Bldg., Toronto	Anderdon Tp.
Campbell, George, Co.	Fort Erie	Bertie Tp.
Canada Cement Co. Ltd.	P.O. Box 290, Station "B", Montreal, Quebec	Thurlow Tp.
Canada Crushed Stone Ltd.	72 Sun Life Bldg., Hamilton	Dundas and Hagersville
Canadian Dolomite Company	Portage du Fort, Que.	Ross Tp.
Carleton Lime Products Co.	P.O. Box 26, Carleton Place	Ramsay Tp.
Chemical Lime Ltd.	P.O. Box 122, Beachville	Beachville
Coleman, Munro, Ltd. ¹	628 Pitt St., Cornwall	Bonville
Cook, J.S., Stone Quarries ²	Wlarton	Bruce Co.
Cope, A., & Sons Ltd.	19 Albert St., Hamilton	Saltfleet Tp.
Curran & Briggs Limited	61 Hawerson Blvd., Toronto	Cooksville
Dibblee Construction Co. Limited	384 Bank St., Ottawa	Bowesville
Ebel, C.M.	Wiarton	Wiarton
Frazer Duntle Co. Ltd.	130 Sparks St., Ottawa	Nepean Tp.
Frontenac Quarries Ltd.	235 Wellington St., Kingston	Kingston
Gray, J., & Sons	Hamilton	Flamboro Tp.
Gypsum, Lime & Alabastine Canada Ltd.	Paris	Beachville and Hespeler
Hagersville Quarries Ltd.	2700 Dufferin St., Toronto	Hagersville
Haldimand Quarries & Construction Ltd.	137 Wellington St. W., Toronto	Hagersville
Jackson, P.L.	Dunnville	Dunnville
Johnston & Clarke	Kingston	Brockville
Kingston Penitentiary	2700 Dufferin St., Toronto	Kingston
Kirkfield Crushed Stone Ltd.	195 Nicholas St., Ottawa	Kirkfield
Laurentian Stone Co. Ltd., The	Port Colborne	Quarries
Law, R.E., Crushed Stone Ltd.	1109 Millwood Rd., Toronto	Port Colborne
Limestone Products Ltd.	394 King St. E., Kingston	Orillia Tp.
McGinnis & O'Conner Limited	Box 36, Oakville	Barriefield
Nelson Crushed Stone Ltd.	149 Burger St., Welland	Burlington
Niagara Crushed Stone Co.	490 Buttry St., Niagara Falls	Welland
Niagara Cut Stone Quarries Limited	Niagara Falls	Thorold
North American Cyanamid Ltd.	Box 290, Station "B", Montreal, Quebec	Ingersoll
Ottawa Valley Crushed Stone Limited	Alfred	Eastview
Parisiens, Fernand	Pembroke	Alfred
Pembroke, Corporation of	72 Sun Life Bldg., Hamilton	Pembroke
Queenston Quarries Ltd. ²	Stevensville	Niagara Falls
Ridgemount Quarries	Scudder P.O.	Bertie Tp.
Rieger Bros. Construction Ltd.	Picton	Pele Island
Robindale Quarries Limited	Forbes	Robindale
Sauve & Galipeau	P.O. Box 143, Merriton	Forbes
Savigny Bros.	R.R. 2, Bath	Grantham Tp.
Storey, C.L.	66 King St. W., Toronto	Napanee
Verona Rock Products Ltd.	P.O. Box 586, Thorold	Verona
Walker Bros. Quarries		Stamford Tp.
Manitoba:		
Building Products & Coal Co. Ltd.	111 Christie St., Winnipeg	Inwood
Garson Limestone Co.	251 Machray Ave., Winnipeg	Garson
Gillis Quarries Ltd. ²	Richard & Spruce Sts., Winnipeg	Garson
Manitoba Department of Highways	Winnipeg	Various
Tyndall Quarry Co. Ltd. ²	1591 Erin St., Winnipeg	Tyndall
Winnipeg, City of	225 James Ave., Winnipeg	Stony Mountains
Winnipeg Supply & Fuel Co. Ltd.	812 Boyd Bldg., Winnipeg	Moosehorn and Stonewall
Alberta:		
Loder's Lime Co. Ltd.	117B-8th Ave. W., Calgary	Kananaskis
Summit Lime Works Ltd.	P.O. Box 273, Lethbridge	Lethbridge
British Columbia:		
Barr, A. E.	Prince Rupert	Prince Rupert
B.C. Department of Highways	Victoria	Various
Beale, W.S.	Van Anda	Van Anda
Beale Quarries Ltd.	744 West Hastings St., Vancouver	Van Anda
Capilano Crushing Co. Ltd.	107 East First Ave., Vancouver	West Vancouver
Cheam Marl Products Ltd.	1137 W. Hastings St., Vancouver	Bridal Falls
Cobble Hill Lime Products	Cobble Hill	Cobble Hill
Consolidated Mining & Smelting Co. of Canada, Ltd.	Trail	Fife

List of Firms in the Stone Quarrying Industry — 1953 — Concluded

Name	Head office address	Location
LIMESTONE — Concluded		
British Columbia — concluded:		
Fernie, City of ¹	Fernie	Fernie
Fraser Valley Lime Supplies	693 — 17th Ave., New Westminster	Popkum
Koeye Limestone Co. Ltd.	Namu	Koeye River
Martinson, John	Jeune Landing	Jeune Landing
Pacific Lime Co. Ltd.	744 W. Hastings St., Vancouver	Blubber Bay
Wood & McClay Limited ¹	1768 E. Hastings St., Vancouver	Aristazabal Island
MARBLE		
Quebec:		
Delbo Inc.	North Stukely	North Stukely
Industrial Fillers Ltd.	4820 — 4th Ave., Montreal	St. Armand
Messier Terrazzo & Stone Products	St. Armand W.	St. Armand
Mississquoi Stone & Marble Co. Ltd. ²	Philipsburg	Philipsburg
Orford Marble Co. Ltd.	65 Beaudet St., St. Laurent	St. Laurent
South Stukely Marble & Terrazzo	South Stukely	South Stukely
Ontario:		
Bolender's Limited	Haliburton	Eagle Lake
Bonter, W.F., & Co. Ltd.	Malone	Malone
Bonter Marble & Calcium Co. Ltd.	P. O. Box 61, Marmora	Marmora
International Ceramic Mining Ltd.	577 Eglinton Ave., Toronto	Melissa Tp.
Pulverized Marble Products Limited	348 Fraser St., North Bay	Kaladar Tp.
Silverstone Black Marble Quarries Ltd.	305 O'Connor St., Ottawa	St. Albert
Stoklosar Marble Quarries	P. O. Box 208, Madoc	Madoc
SANDSTONE		
Newfoundland:		
Newfoundland Department of Highways	St. John's	Various
Nova Scotia:		
Arsenault Monumental Works ²	Antigonish	North Grant
Nova Scotia Department of Highways	Halifax	Various
Wallace Quarries Limited	Wallace	Wallace
New Brunswick:		
New Brunswick Highways	Fredericton	Various
Smith, E. A., Estate	Shediac	Shediac
Quebec:		
Beauharnois Light, Heat & Power Co.	107 Craig St., Montreal	Melocheville
Entreprises de L'Est Limitée, Les	1055 Demontigny, Québec	Cap Vert and Point Basse
Gagnon, L. P.	7, ave Gagnon, Lévis	St-David de Lévis
Mannix Ltd.	660 St. Catherine St. W., Montreal	Rivière-aux-Renards
Poirier, W.	Montebello	Montebello
Quebec Department of Roads	Quebec	Various
Rousseau, T. E. ¹	Val Brillant	New Carlisle
St. Lawrence Alloys and Metals Limited	330 University Ave., Toronto I., Ontario	Melocheville
Sherbrooke, City of	Sherbrooke	Sherbrooke
Simard, Adjutor	Pointe-au-Pic	Pointe-au-Pic
Ontario:		
Barnes, Wm. R., Co. Ltd.	243 Cumberland Ave., Hamilton	Inglewood
Brennan, M.	Britannia Bay	Nepean Township
Campbell Sandstone Quarries Ltd. ²	466 Highland Ave., Ottawa	Bell's Corners
Corner, Austin	Belfountain	Belfountain
Credit Valley Quarries Company Ltd.	Inglewood	Inglewood
Deforest Bros.	Terra Cotta	Terra Cotta
McHarg, E.	Georgetown	Georgetown
Moore, A.	Minden	Minden
Mountain Sandstone Quarry	Georgetown	Inglewood
Norris & Shelbourne	Georgetown	Georgetown
Norton Bros. ¹	Georgetown	Georgetown
Norton, A.	Limehouse	Limehouse
Rice, & McHarg Quarries	Limehouse	Limehouse
Smithson, C.	122 Church St. E., Brampton	Terra Cotta
Walker Bros.	Inglewood	Inglewood
Zilio, A.	Terra Cotta	Terra Cotta
British Columbia:		
Canadian Pacific Railway Co.	Montreal, Quebec	Revelstoke
Consolidated Mining & Smelting Co. of Canada Ltd.	Trail	Kimberley
SLATE		
Quebec:		
Bombardier, J. A.	Valcourt	Valcourt
Cote, J.	Granby	Granby
British Columbia:		
Richmond, Geo. W., & Co.	2890 — 12th Ave. E., Vancouver	McNab Creek

1. Did not ship in 1953.

2. Firms operating dressing works in conjunction with quarry.

Directory of Firms in the Stone Products Industry, 1953

Name of company	Location of plant
Newfoundland:	
Cook's Marble Works	St. John's
Muir's Marble Works, Ltd.....	St. John's
Skinnlers Monumental Works.....	St. John's
Prince Edward Island:	
Beck, Vere, & Son Ltd.....	Main Street, Montague
Nova Scotia:	
Coughlan, James S., Marble and Granite Works	Simpson's Siding, Halifax
Elmac Company Limited	Anson Ave., Amherst
Keddy, C.L., Monument Works	171-173 Kempt Road, Halifax
Kelly Monumental Works	Bridgewater
Steele, John D., & Sons Ltd.....	33 William St., North Sydney
Tingley, Harold W., (Estate).....	15 Merkel Street, Halifax
Tingley Granite Works.....	Amherst
New Brunswick:	
Kane, M.T., & Co. Ltd.....	Westmoreland Road, Saint John
Miramichi Granite & Marble Works	Chatham
St. Stephen Granite Works	Queen Street, St. Stephen
Sherrard Granite Workshop Ltd.....	135 Victoria Street, Moncton
Smith, E.A. (Estate).....	Shediac
Stults Monument Works.....	Saint John
Quebec:	
Aiello, S.....	6776 Sherbrooke St. E., Montreal
Archambault Cut Stone Co. Ltd.....	Belanger Village, Co. Laval
Beaulieu, Elzear, & Fils Ltée Enrg.....	Ste-Hélène, Co. Kamouraska
Beebe Granite Works	Beebe
Berson, L., & Son.....	3884 St. Lawrence Blvd., Montreal
Bissonnette, Alfred, Ltée	6554 Durocher Ave., Outremont
Brunet, A.....	Ormstown
Brunet, J., Limitée.....	4485, Côte des Neiges, Montréal
Canada Granite & Marble.....	6567 Chambord St., Montréal
Caron, Eugene.....	Ste-Anne de Beaupré
Chabot, J. Roy	Scott Junction
Chausse, Edouard, & Fils	1650 King St. West, Sherbrooke
Crete, James	Royal St., Sorel
Dalceggio, F.....	4588 Chemin Côte des Neiges, Montréal
Daudelin, Rolland.....	1395 St. Antoine Street, St. Hyacinthe
Denicourt, Thotu.....	84 - 4th Ave., Iberville
Dominion Granite Works Co. Reg'd.....	Beebe
Ducharme, J. Maurice.....	231 Notre Dame St., Victoriaville
Electric Reduction Co. of Canada Ltd.....	Buckingham
Emslie, John, & Son Reg'd.....	Beebe
Fortin, Dollard J.....	St-David de Lévis
Gingras, Roch, Enrg.....	Ste-Foy
Gingnac, Joseph.....	St-Alban Village
Godin & Delisle Enrg.....	855 St. Valier West, Quebec
Gosselin, M.....	12 Narcisse, Valleyfield
Goyette & Bissonn.....	Iberville
Houde & Frère Enrg.....	404 Notre Dame, Cap de la Madeleine
Jacques, André	20 Desjardins St., Lévis
Jenne, E.H.....	Sutton
Lussier, A., Enrg.....	3290 Cadillac St., Montreal
Monuments Funéraires de St-Samuel	St-Samuel
Parent, G.H.....	349, rue Montigny, St-Jérôme
Picard, W., & Fils	3285 Desautels, Montréal
Quinlan, Harold, Cut Stone Ltd.....	Quinlan Ave., Ville La Salle
Rousseau, O., Enrg.....	St-Fabien
Rousseau, Jos., Enrg.....	400 St-Germain St., Rimouski
Roxton Granite & Marble Works	Roxton Falls, Co. Shefford
Smith Bros. Memorial Art Ltd.....	2116 Bleury St., Montreal
Smith Marble & Construction Co. Ltd.....	207 Van Horne Ave. W., Montreal
St-Louis & Fils.....	Cap St-Martin
St-Martin, R.N., & Fils Enrg.....	359-361, rue Maisonneuve, Hull
Todoro & Bligras	6752 Sherbrooke St. E., Montréal
Villeneuve & Frère Enrg.....	1055 De la Canadière, Québec
Vincent, Chas. A., & Fils Enrg.....	515 - 24th Ave., Lachine
Ontario:	
Ambroise Monuments	48 Alma St., Guelph
Ambroise, J.D.....	375 Montreal Road, Eastview
Art Craft Monumental Works	215 Dell St., Sudbury
Bishop Asphalt Papers Limited	Lakeshore Road, Mimico
Brown, Geo., & Sons	473 Bronson Ave., Ottawa
Brown, R., & Son	376 Sparks St., Ottawa
Campbell, A.C.....	21 Bridge St. W., Belleville
Canadian Art Memorials	28 Lakeshore Rd. W., Port Credit
Canadian Gypsum Co., Limited	Oak St., Weston
Canadian Johns-Manville Co. Ltd.....	Port Union
Creber, Son & Company	1343 St. Clair Ave. W., Toronto
Central Granite & Marble Works	1283 Dundas St. W., Toronto
Chatham Marble & Granite Works	39 E. Market Square, Chatham
Chesley Memorial Works	Chesley
Cornelius & Son, F.A.....	428 Queenston Rd., St. Catharines
Davis Monument Co.....	3205 Danforth Ave., Toronto
Dufferin Marble Co. Ltd.....	146 Stayner Ave., Toronto
Dundas Monument Works	Dundas

Directory of Firms in the Stone Products Industry, 1953 - Concluded

Name of company	Location of plant
Ontario — concluded:	
Eglinton Monumental Works.....	1702 Eglinton Ave. W., Toronto
Excelsior Granite & Marble Works, The.....	163 Pitt St. E., Windsor
Fiberglas Canada, Limited.....	Sarnia
Geard Brothers Cut Stone.....	612 William St., London
Gladstone & Ross.....	N.— Archibald St., Fort William
Gypsum, Lime and Alabastine, Canada Limited.....	Caledonia
Hardwick, H.G., & Son.....	676 King St. W., Hamilton
Hargrave's Monument Works.....	Haileybury
Holmes Foundry Company Limited.....	200- Exmouth St., Sarnia
Johnston & Cranston.....	1849 Yonge St., Toronto
Kilvington Granite Company.....	2A Caledonia Rd., Toronto
Kingsway Monumental Works.....	3673 Dundas St., Toronto
Kitchener Monument Works.....	1015 King St. E., Kitchener
Laing, George.....	403-1st St. W., Cornwall
Laurin, J.P., Limited.....	213 York St., Ottawa
London Marble & Granite Co. Ltd.....	493 Richmond St., London
Lon's Stone Works Ltd.....	100 Everett St., Belleville
Luckett's Dressed Stone.....	Ulster and Leicester Ave., Islington
McIntyre Monument Co.....	60 Danforth Ave., Toronto
McKay Cut Stone Co.....	65 Shalmor Ave., Forest Hill
McMillan Monument Co. Ltd.....	105 Ontario St., Sarnia
Memorial Company of Toronto, The.....	2299 Bloor St. W., Toronto
National Cut Stone Limited.....	355 Logan Ave., Toronto
Oakville Monument Works.....	90 Colborne St., Oakville
Ontario Marble Co. Ltd.....	Maria St., Peterborough
Orillia Monument Co.....	252 Coldwater Rd. W., Orillia
Rhodes Memorials Ltd.....	Cayuga
Rigg Memorial Works.....	605 Queen St., Niagara Falls
Ritchie Cut Stone Co. Ltd., The.....	203 New Toronto St., New Toronto
Rivercourt Memorials.....	296 O'Connor Drive, Toronto
Ronald, Wellington.....	Listowel
Rutter Granite Company Ltd.....	73 Ontario St., Port Hope
Sanderson Monumental Company.....	33 Peter St. S., Orillia
Sault Granite & Marble Works.....	715 Queen St. E., Sault Ste. Marie
Scott, James N., Cut Stone Ltd.....	3 Canvarco Rd., Leaside
Sinclair Cut Stone & Construction Co. Ltd.....	Frid St., Hamilton
Sharp Bros. Cut Stone Company Limited.....	516 Kenilworth St. N., Hamilton
Skelton, E.J., & Son.....	Walkerton
Smith Monument Works.....	1543 Main St. E., Hamilton
Smith Monument Co.....	349 Weston Road, Toronto
Spun Rock Wool Limited.....	65 Ormond St., Thorold
Stafford Bros. Monumental Works.....	318 Dundas St. E., Whitby
Standard Stone Company, Limited.....	1704 Howard Ave., Windsor
Sudbury Memorial Works.....	453 Arnley St., Sudbury
Taube Monuments.....	429 Spadina Ave., Toronto
Thomson Monument Co. Ltd.....	862 Dupont St., Toronto
United Marble Co.....	Rear 46 Shaftesbury Ave., Toronto
Wardell Monument Works.....	2706 Dundas St. W., Toronto
Wilsons Cut Stone.....	100 Broadway, Hamilton
Manitoba:	
Brunet Monuments.....	405 Bertrand St., St. Boniface
Delande, M.C.....	927 Main St., Winnipeg
Guinn & Simpson Company Limited.....	52 Tupper St. N., Portage la Prairie
Lon's Stone Works Ltd.....	234 St. Mary's Road, Norwood Grove, Winnipeg
MacIntyre, A.L., & Sons, Art Memorials.....	849 Notre Dame Ave., Winnipeg
Memorial Marble & Tile Co. Ltd.....	1180 Wall St., Winnipeg
Neepawa Marble & Granite Works.....	Neepawa
Portage Memorials.....	Main and Alfred Sts., Portage la Prairie
Somererville Marble & Granite Works.....	1417 Rosser Ave., Brandon
Wilson Memorials.....	1898 Main St., Winnipeg
Saskatchewan:	
Glacial Rock Insulation Ltd.....	Township 17, Moose Jaw
Molaro Marble & Stone Works.....	23rd St. and Pacific Ave., Saskatoon
Moose Jaw Marble & Granite Works Ltd.....	706 Athabasca St. E., Moose Jaw
Yorketon Monumental Works.....	107 West Broadway, Yorketon
Young, Alex, Cut Stone Company.....	Scarth St. and 4th Ave., Regina
Alberta:	
Alberta Granite, Marble & Stone Co. Ltd.....	10702-101st St., Edmonton
Gypsum, Lime & Alabastine Canada Ltd.....	30th Ave. and 17th St. E., Calgary
Hart, Albert J., Memorials.....	1821 Second St. E., Calgary
Maclean Granite Co.....	Red Deer
McDonald Granite Co. Ltd.....	2339 Second St. E., Calgary
Select Memorial Works.....	Rockyford
Somererville Calgary Monumental Co.....	121-13th Ave. W., Calgary
British Columbia:	
Chandler, W.R., Memorials & Western Granite Co.....	5498 Fraser St., Vancouver
Continental Marble Company Limited.....	1002 Georgia St. E., Vancouver
Kingsway Monumental Works.....	3070 Kingsway St., Vancouver
Mortimer's Monumental Works Ltd.....	633 David St., Victoria
Nelson Granite & Monumental Co.....	Nelson
Stewart Monumental Works Ltd.....	1401 May St., Victoria
Victoria Monument Ltd.....	3091 Douglas St., Victoria
Westaway's Monumental Works.....	143 Columbia St. E., New Westminster
Western Insulation Co. Ltd.....	576 West 1st Ave., Vancouver