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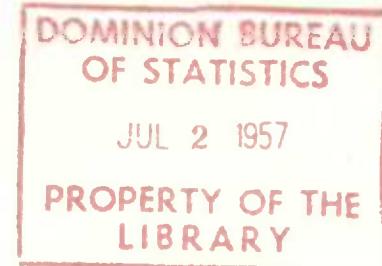
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# THE STONE INDUSTRY

1955



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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.

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- B - The Gold Mining Industry, 50¢
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- 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¢

# THE STONE INDUSTRY

1955

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 carried 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, shale 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.

Shipments from the stone quarries amounted to 30,512,920 tons valued at \$43,736,687 in 1955. In the preceding year the tonnage was 32,767,925 and

the value was \$39,857,134. Stone used in Canadian plants to manufacture cement and lime is not included in these figures. Stone exported to foreign cement and lime plants is included. Shipments of granite and other igneous rocks amounted to 5,618,940 tons valued at \$9,666,592. The sedimentary rocks included 24,107,571 tons of limestone valued at \$32,322,313; 63,335 tons of marble worth \$633,531; 622,792 tons of sandstone valued at \$873,021; 98,642 tons of shale valued at \$208,022 and 1,640 tons of slate worth \$33,208.

In 1955 there were 557 quarries operated by 445 firms. The average number of employees was 4,108 to whom \$10,106,756 were distributed as salaries and wages. Fuel cost \$1,415,660 and 62,392,857 kwh. of electricity were purchased for \$918,785. Process supplies cost \$3,137,050.

**TABLE 1. Principal Statistics of the Stone Quarrying Industry, Significant Years, 1921-1955**

Year	Establishments	Employees	Earnings	Cost of fuel and electricity at works	Cost of process supplies and materials at works	Gross selling value of products (f.o.b. works)	Net <sup>1</sup> value of production
	No.	No.	\$	\$	\$	\$	\$
1921 .....	145	2,204	2,017,272	301,810		6,388,346	
1929 .....	268	5,681	5,459,761	759,418		12,066,532	
1931 .....	329	4,198	4,470,699	625,673	not available	11,075,184	not available
1933 .....	317	1,885	1,250,776	283,454		3,000,326	
1937 .....	555	2,898	2,576,344	472,006	613,542	6,939,360	5,853,812
1939 .....	573	3,076	2,816,578	456,966	624,918	6,475,696	5,393,812
1941 .....	539	2,758	2,896,100	642,085	641,098	8,000,684	8,717,501
1944 .....	466	2,164	3,154,689	671,056	826,824	7,159,177	5,861,297
1946 .....	486	2,720	3,970,404	834,824	856,774	11,185,711	9,494,113
1949 .....	549	3,728	7,615,572	1,371,377	2,028,226	20,528,073	17,128,470
1951 .....	536	3,861	9,218,694	1,915,948	2,761,374	28,649,768	23,972,446
1952 .....	493	3,897	10,230,640	2,022,599	2,853,477	30,835,356	25,959,280
1953 .....	486	3,803	10,139,192	1,791,797	2,896,537	30,613,051	25,924,717
1954 .....	557	4,146	12,380,804	2,307,791	3,354,439	39,857,134	34,194,904
1955 .....	557	4,108	12,390,943	2,334,445	3,137,050	43,736,687	38,265,192

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

TABLE 2. Principal Statistics of the Stone Quarrying Industry, by Provinces, 1954 and 1955

Province	Establishments	Employees	Earnings	Cost of fuel and electricity at works	Cost of process supplies at works	Gross selling value of products (f.o.b. works)	Net <sup>1</sup> value of production
	No.	No.	\$	\$	\$	\$	\$
1954							
Newfoundland	5	100	315,203	47,825	51,088	619,474	520,561
Nova Scotia	18	474	1,764,267	359,930	927,516	6,407,337	5,119,891
New Brunswick	9	90	187,001	31,939	16,711	649,604	600,954
Quebec	160	2,053	5,516,814	1,051,738	1,060,190	16,358,810	14,246,882
Ontario	246	1,078	3,472,322	697,155	1,121,373	12,538,699	10,720,171
Manitoba	9	117	308,066	43,738	69,929	703,052	589,385
Saskatchewan	—	—	—	—	—	—	—
Alberta	4	—	—	—	—	135,315	135,315
British Columbia	106	234	817,131	75,466	107,632	2,444,843	2,281,745
Canada	557	4,146	12,380,804	2,307,791	3,354,439	39,857,134	34,194,904
1955							
Newfoundland	6	105	309,804	44,259	33,180	595,655	518,216
Nova Scotia	25	106	273,616	62,551	115,921	845,906	667,434
New Brunswick	12	190	496,427	94,524	114,844	1,296,459	1,087,091
Quebec	153	2,066	6,027,229	1,185,546	1,434,539	19,129,706	16,529,621
Ontario	230	1,196	3,832,292	845,524	1,249,896	16,307,975	14,212,555
Manitoba	10	154	457,898	48,781	77,465	1,116,333	990,087
Saskatchewan	—	—	—	—	—	—	—
Alberta	4	—	—	—	—	240,728	240,728
British Columbia	117	291	993,677	73,260	111,205	4,203,925	4,019,460
Canada	557	4,108	12,390,943	2,334,445	3,137,050	43,736,687	38,285,192

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

TABLE 3. Production (Sales) of Stone From Canadian Quarries, by Kinds and by Provinces, 1954 and 1955

Province		Granite <sup>1</sup>	Limestone <sup>2</sup>	Marble	Sandstone	Shale	Slate	Total
1954								
Newfoundland	tons	1,896	357,454	—	—	—	—	359,350
	\$	14,220	605,254	—	—	—	—	619,474
Nova Scotia	tons	9,652,140	92,607	—	12,860	—	—	9,757,607
	\$	6,157,946	205,852	—	43,539	—	—	6,407,337
New Brunswick	tons	11,803	116,132	—	592,857	—	—	720,792
	\$	58,176	299,038	—	292,390	—	—	649,604
Quebec	tons	2,389,431	7,320,968	25,559	170,757	204,000	646	10,111,361
	\$	5,182,356	10,443,665	310,455	278,888	142,800	646	16,358,810
Ontario	tons	276,944	9,816,205	32,189	15,818	—	—	10,141,156
	\$	675,444	11,346,494	323,247	193,514	—	—	12,538,699
Manitoba	tons	9,500	198,056	—	—	—	—	207,556
	\$	9,500	693,552	—	—	—	—	703,052
Alberta	tons	—	21,360	—	—	5,657	—	27,017
	\$	—	98,354	—	—	36,961	—	135,315
British Columbia	tons	493,013	906,966	—	36,186	3,245	1,676	1,443,086
	\$	944,357	1,451,817	—	15,232	3,200	30,237	2,444,843
Canada	tons	12,834,727	18,829,748	57,748	830,478	212,902	2,322	32,767,925
	\$	13,041,999	25,144,026	633,702	823,563	182,961	30,883	39,857,134
1955								
Newfoundland	tons	628	333,354	—	—	—	—	333,982
	\$	4,710	590,945	—	—	—	—	595,655
Nova Scotia	tons	243,523	102,648	—	21,149	—	—	387,320
	\$	574,001	209,981	—	61,924	—	—	845,906
New Brunswick	tons	281,203	423,619	71	370,337	—	—	1,075,230
	\$	459,107	609,226	1,000	227,126	—	—	1,296,459
Quebec	tons	3,403,649	8,975,721	29,585	156,133	67,906	361	12,633,335
	\$	5,800,835	12,623,593	373,718	280,674	50,525	361	19,129,706
Ontario	tons	444,140	12,233,730	33,699	27,570	—	—	12,739,139
	\$	1,013,510	14,765,784	258,813	269,868	—	—	16,307,975
Manitoba	tons	880	227,297	—	—	—	—	228,157
	\$	4,057	1,112,276	—	—	—	—	1,116,333
Alberta	tons	—	23,577	—	—	22,082	—	45,659
	\$	—	91,831	—	—	148,897	—	240,728
British Columbia	tons	1,244,937	1,787,625	—	47,603	8,654	1,279	3,090,098
	\$	1,810,372	2,318,677	—	33,429	8,600	32,847	4,203,925
Canada	tons	5,618,940	24,107,571	63,335	622,792	98,642	1,640	30,512,920
	\$	8,686,582	32,322,313	633,531	873,021	208,022	33,208	43,736,687

1. All igneous rocks included.

2. Includes dolomite, also marl for agricultural purposes.

Note. Not included in the above limestone statistics are 5,566,193 tons of limestone consumed in the Canadian cement industry in 1954 and 5,964,433 tons in 1955. Also, the limestone used in the Canadian lime industry is not included. It is estimated that approximately 2,154,987 tons of limestone were burned in the manufacture of lime in 1954 and 2,274,211 tons in 1955.

TABLE 4. Production (Sales) of Stone<sup>1</sup> From Canadian Quarries, by Provinces, Showing Purposes For Which Used, 1954 and 1955

For use as follows	Newfoundland	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Alberta	British Columbia	Canada
1954									
Building stone:									
Rough .....	tons	—	510	150	12,212	50,753	300	—	1,704
\$	—	—	6,717	300	114,696	447,128	6,928	—	34,500
Dressed .....	tons	—	109	1,600	46,905	13,970	5,102	—	1,403
\$	—	—	36,403	124,000	3,520,803	312,347	422,630	—	45,400
Monumental and ornamental stone:									
Rough .....	tons	470	69	1,503	8,156	364	—	—	915
\$	—	1,848	1,976	38,176	196,087	11,186	—	—	27,900
Dressed .....	tons	—	287	—	6,573	55	—	—	32
\$	—	—	58,628	—	1,123,763	17,188	—	—	6,592
Flagstone .....	tons	—	—	10	897	5,299	—	—	—
\$	—	—	—	250	16,709	55,487	—	—	6,206
Curbstone .....	tons	—	—	—	511	—	—	—	72,446
\$	—	—	—	—	32,133	—	—	—	511
Paving blocks .....	tons	—	—	—	163	—	—	—	32,133
\$	—	—	—	—	1,466	—	—	—	163
Chemical and metallurgical:									
Lining open-hearth furnaces .....	tons	—	—	—	—	55,000	408	—	—
\$	—	—	—	—	—	68,750	969	—	—
Flux in iron and steel furnaces .....	tons	312,656	8,106	—	2,416	692,377	4,875	138	548
\$	—	469,284	18,644	—	4,674	812,978	12,894	690	986
Flux in non-ferrous smelters .....	tons	—	—	—	—	116,249	—	214	39,349
\$	—	—	—	—	—	139,799	—	640	39,818
Glass factories .....	tons	—	—	—	760	4,753	—	6,923	3,532
\$	—	—	—	—	2,840	7,130	—	13,784	4,238
Pulp and paper mills .....	tons	30,873	6,472	7,833	143,993	97,970	9,076	—	165,764
\$	—	103,800	20,383	27,416	399,331	244,035	36,370	—	553,056
Sugar refineries .....	tons	—	—	100	—	10,472	—	—	11
\$	—	—	—	700	—	12,567	—	—	10,583
Other chemical uses .....	tons	—	—	—	20	29,656	—	—	154
\$	—	—	—	—	82	25,362	—	—	13,421
Other chemical uses .....	tons	—	—	—	—	—	—	—	29,678
\$	—	—	—	—	—	—	—	—	25,444
Palverized stone:									
Whiting (substitute) .....	tons	—	—	—	11,611	—	—	—	3,849
\$	—	—	—	—	139,335	—	—	—	15,460
Asphalt filler .....	tons	—	12,000	1,561	12,505	6,530	3,454	5,326	6,736
\$	—	24,000	10,927	—	49,476	29,925	8,454	30,370	15,743
Dusting coal mines .....	tons	—	—	—	—	—	—	803	328
\$	—	—	—	—	—	—	—	4,055	1,131
Agricultural purposes and fertilizer plants .....	tons	—	42,305	51,005	196,747	35,076	2,158	6,731	30,274
\$	—	101,825	175,760	—	436,972	74,203	2,892	40,050	935,020
Other uses .....	tons	—	—	—	9,075	75,657	2,190	420	144
\$	—	—	—	—	30,044	296,029	3,464	4,460	1,770
Crushed stone for manufacture of artificial stone .....	tons	—	—	—	4,670	11,726	—	—	—
\$	—	—	—	—	15,616	59,598	—	—	16,396
Roofing granules .....	tons	—	—	—	—	66,859	—	—	1,676
\$	—	—	—	—	—	85,596	—	—	68,535
Poultry grit .....	tons	—	—	—	35	4,149	—	605	4,508
\$	—	—	—	—	420	44,276	—	4,055	9,297
Stucco dash .....	tons	—	—	—	—	5,780	—	—	68,736
\$	—	—	—	—	—	42,980	—	—	117,487
Terrazzo chips .....	tons	—	—	—	6,483	10,150	—	—	5,189
\$	—	—	—	—	69,383	146,074	—	—	10,969
Rock wool .....	tons	—	—	—	—	1,470	—	—	73,580
\$	—	—	—	—	—	2,194	—	—	116,560
Rubble and riprap .....	tons	—	9,330,350	46,999	451,332	142,368	5,346	200	493,349
\$	—	5,534,442	59,838	—	502,661	120,097	9,722	250	746,932
Crushed stone:									
Concrete aggregate .....	tons	10,413	1,000	—	4,725,573	1,642,767	37,517	3,660	—
\$	—	21,663	2,050	—	5,385,484	2,024,185	50,879	34,465	—
Road metal .....	tons	4,738	256,399	610,031	1,844,134	6,509,636	137,130	—	656,191
\$	—	22,879	456,269	212,237	2,059,227	6,912,726	147,850	—	10,018,259
Railroad ballast .....	tons	—	100,000	—	177,996	391,132	—	—	657,312
\$	—	—	148,000	—	187,778	409,650	—	—	10,468,500
Other uses .....	tons	—	—	—	2,448,594	180,938	—	1,997	26,504
\$	—	—	—	—	2,069,830	137,209	—	2,496	695,632
Total .....	tons	359,350	9,737,607	720,792	10,111,361	10,141,156	207,556	27,017	1,443,086
\$	—	619,474	6,407,337	649,604	16,358,810	12,538,699	703,052	135,315	2,444,943
Per cent of total .....	Quan.	1.10	29.78	2.20	30.86	30.95	0.63	.08	4.40
	\$	1.55	16.08	1.63	41.04	31.46	1.76	.34	6.14
									100.00
									100.00

1. Includes the production of slate and marl.

TABLE 4. Production (Sales) of Stone<sup>1</sup> From Canadian Quarries, by Provinces, Showing Purposes For Which Used,  
1954 and 1955 — concluded

For use as follows	Newfound- land	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Alberta	British Columbia	Canada
1955									
Building stone:									
Rough	tons \$	63 272	680 8,472	575 1,725	12,539 143,506	58,392 549,342	3,040 28,496	— —	800 22,000
Dressed	tons \$	— —	66 19,754	1,760 125,400	37,190 3,133,961	12,204 284,733	8,153 755,751	— —	1,902 30,400
Monumental and ornamental stone:									
Rough	tons \$	— —	— 37,090	1,426 142,981	6,586 15,662	361 3,307	110 —	915 27,900	9,398 226,930
Dressed	tons \$	— —	323 66,766	— 790,937	4,964 61,655	174 —	— —	30 6,000	5,491 925,358
Flagstone	tons \$	— —	— 300	20 3,217	484 75,701	7,381 —	— —	185 11,100	8,070 90,318
Curbstone	tons \$	— —	— —	— 5,547	200 299	15 —	— —	— —	215 5,846
Paving blocks	tons \$	— —	— —	— 1,474	202 —	— —	— —	— —	202 1,474
Chemical and metallurgical:									
Cement plants	tons \$	— —	— —	— —	— —	— —	— —	266,010 283,279	266,010 283,279
Lining open-hearth furnaces	tons \$	— —	— —	— —	81,029 101,286	643 1,581	— —	— —	81,672 102,867
Flux in iron and steel furnaces	tons \$	300,043 450,064	14,330 32,959	84 252	4,103 5,238	1,021,592 1,100,320	5,025 14,133	206 724	2,157 2,804
Flux in non-ferrous smelters	tons \$	— —	— —	— —	— 140,170	117,415 —	— —	— —	81,333 76,183
Glass factories	tons \$	— —	— —	— 6,632	2,000 —	— —	— —	7,551 24,230	8,111 12,978
Pulp and paper mills	tons \$	28,189 113,088	6,731 21,881	7,071 24,754	142,384 425,111	98,038 211,152	10,432 41,877	— —	157,484 538,431
Sugar refineries	tons \$	— —	— 826	118 —	— 10,267	8,787 —	— —	— —	8,905 11,092
Other chemical uses	tons \$	— —	— —	— —	270 1,080	63,101 64,830	— —	— —	63,271 65,910
Pulverized stone:									
Whiting (substitute)	tons \$	— —	— —	— 141,169	11,764 —	— —	— —	4,243 21,562	16,007 162,731
Asphalt filler	tons \$	19,000 38,000	— 12,201	1,909 16,868	4,342 39,780	7,708 8,000	3,217 30,478	7,257 15,642	5,618 160,969
Dusting coal mines	tons \$	— —	— —	— —	— —	— —	— 3,499	712 2,226	318 5,725
Agricultural purposes and fertilizer plants	tons \$	1,055 24,288	43,613 107,500	50,482 175,726	281,427 562,717	42,842 64,887	2,062 2,763	6,552 27,770	15,008 65,970
Other uses	tons \$	— —	— —	— —	16,870 66,861	89,081 449,282	2,118 2,797	485 1,775	50 600
Crushed stone for manufacture of artificial stone	tons \$	— —	— —	— 30,713	7,679 57,726	8,891 —	— —	— —	16,570 88,439
Roofing granules	tons \$	— —	— 3,250	1,000 —	— 114,431	87,382 —	— —	— —	1,144 22,397
Poultry grit	tons \$	— —	— —	— 1,158	241 65,801	6,452 —	— 2,509	583 64,100	3,614 133,568
Stucco dash	tons \$	— —	— —	— 242	22 9,991	2,176 —	— —	6,173 80,068	8,371 90,301
Terrazzo chips	tons \$	— —	— 1,000	71 88,152	8,091 138,375	11,604 —	— —	— —	19,766 227,527
Rock wool	tons \$	— —	— —	— —	— 3,791	3,269 —	— —	— —	3,269 3,791
Rubble and riprap	tons \$	— —	73,276 84,617	35,445 36,354	487,191 635,419	243,987 199,476	6,834 14,499	231 846	1,269,682 1,657,144
Crushed stone:									
Concrete aggregate	tons \$	— —	4,000 8,200	51,199 127,493	4,383,647 5,658,069	2,028,155 2,421,622	57,835 55,044	13,087 137,653	— —
Road metal	tons \$	1,632 7,943	205,301 457,757	576,701 388,780	2,245,008 2,559,782	8,155,418 9,580,576	125,732 186,757	— —	1,251,285 1,248,430
Railroad ballast	tons \$	— —	— 361,318	347,369 164,430	156,528 220,874	330,680 1,328	2,656 —	— —	12,672 2,231
Other uses	tons \$	— —	— —	— 4,544,442	4,839,603 225,946	253,005 —	— 17,244	8,995 10,480	1,364 4,792,112
Total	tons \$	333,982 595,655	367,320 845,906	1,075,230 1,296,459	12,633,335 19,129,706	12,739,139 16,307,975	228,157 1,116,333	45,659 240,728	3,090,098 4,203,925
Per cent of total	Quan. \$	1.09 1.36	1.21 1.93	3.52 2.96	41.40 43.74	41.75 37.29	0.75 2.55	.15 .55	10.13 9.62
									100.00

1. Includes the production of slate and marl.

TABLE 5. Production (Sales) of Stone From Canadian Quarries, by Kinds, Showing Purposes For Which Used, 1934 and 1935

For use as follows		Granite <sup>1</sup>	Limestone <sup>2</sup>	Marble	Sandstone	Shale	Slate	Total
1954								
Building stone:								
Rough	tons	11,729	43,433	175	10,292	—	—	65,629
	\$	118,705	349,418	16,465	125,681	—	—	610,269
Dressed	tons	22,380	44,019	207	2,483	—	—	69,089
	\$	1,863,651	2,394,216	65,447	138,269	—	—	4,461,583
Monumental and ornamental stone:								
Rough	tons	10,872	470	110	25	—	—	11,477
	\$	268,773	1,848	5,952	600	—	—	277,173
Dressed	tons	6,947	—	—	—	—	—	6,947
	\$	1,206,171	—	—	—	—	—	1,206,171
Flagstone	tons	320	1,633	—	4,253	—	—	6,206
	\$	3,518	18,944	—	49,984	—	—	72,446
Curbstone	tons	511	—	—	—	—	—	511
	\$	32,133	—	—	—	—	—	32,133
Paving blocks	tons	52	—	—	111	—	—	183
	\$	1,056	—	—	410	—	—	1,466
Chemical and metallurgical:								
Lining open-hearth furnaces	tons	—	55,408	—	—	—	—	55,408
	\$	—	69,719	—	—	—	—	69,719
Flux in iron and steel furnaces	tons	—	1,020,775	—	541	—	—	1,021,316
	\$	—	1,314,740	—	5,410	—	—	1,320,150
Flux in non-ferrous smelters	tons	—	155,322	490	—	—	—	155,812
	\$	—	178,771	1,486	—	—	—	180,257
Glass factories	tons	—	15,968	—	—	—	—	15,968
	\$	—	27,992	—	—	—	—	27,992
Pulp and paper mills	tons	—	452,036	9,945	—	—	—	461,981
	\$	—	1,348,783	35,608	—	—	—	1,384,391
Sugar refineries	tons	—	10,583	—	—	—	—	10,583
	\$	—	13,421	—	—	—	—	13,427
Other chemical uses	tons	—	29,676	—	—	—	—	29,676
	\$	—	25,444	—	—	—	—	25,444
Pulverized stone:								
Whiting (substitute)	tons	—	3,849	11,611	—	—	—	15,460
	\$	—	16,722	139,335	—	—	—	156,057
Asphalt filler	tons	13,042	35,070	—	—	—	—	48,112
	\$	31,745	137,150	—	—	—	—	188,895
Dusting coal mines	tons	—	1,131	—	—	—	—	1,131
	\$	—	6,732	—	—	—	—	6,732
Agricultural purposes	tons	—	362,110	2,186	—	—	—	364,296
	\$	—	930,015	5,005	—	—	—	935,020
Other uses	tons	—	86,825	463	68	—	130	87,486
	\$	—	287,686	46,920	1,031	—	130	335,767
Crushed, for artificial stone	tons	—	4,947	11,449	—	—	—	16,396
	\$	—	8,755	66,459	—	—	—	75,214
Roofing granules	tons	66,859	—	—	—	—	1,676	68,535
	\$	85,596	—	—	—	—	30,237	115,833
Poultry grit	tons	5,110	2,003	2,184	—	—	—	9,297
	\$	83,840	15,951	17,696	—	—	—	117,487
Stucco dash	tons	1,785	7,404	1,780	—	—	—	10,969
	\$	26,775	68,805	20,980	—	—	—	116,560
Terrazzo chips	tons	—	780	15,853	—	—	—	16,633
	\$	—	6,257	209,200	—	—	—	215,457
Rock wool	tons	—	1,470	—	—	—	—	1,470
	\$	—	2,194	—	—	—	—	2,194
Rubble and riprap	tons	9,885,092	296,509	22	83,605	204,000	516	10,469,944
	\$	6,362,439	321,589	170	148,428	142,800	516	6,975,942
Crushed stone:								
Concrete aggregate	tons	46,005	6,358,862	680	11,723	3,660	—	6,420,930
	\$	68,990	7,387,487	1,006	26,778	34,465	—	7,518,726
Road metal	tons	464,023	8,947,858	546	602,589	3,245	—	10,018,259
	\$	982,607	9,280,139	1,820	200,734	3,200	—	10,468,500
Railroad ballast	tons	100,000	569,128	—	26,504	—	—	695,632
	\$	146,000	597,428	—	4,667	—	—	748,095
Other uses	tons	2,200,000	322,481	47	88,084	1,997	—	2,612,609
	\$	1,760,000	333,820	153	121,571	2,496	—	2,218,040
Total <sup>2</sup>	tons	12,834,727	18,829,748	57,748	830,478	212,902	2,322	32,767,925
	\$	13,041,999	25,144,026	633,702	823,563	182,961	30,883	39,857,134

<sup>1</sup>. Includes all igneous rock.<sup>2</sup>. Does not include limestone used in Canadian lime and cement industries but includes marl used for agricultural purposes.

TABLE 5. Production (Sales) of Stone From Canadian Quarries, by Kinds, Showing Purposes for Which Used,  
1954 and 1955 — Concluded

For use as follows	Granite <sup>1</sup>	Limestone <sup>2</sup>	Marble	Sandstone	Shale	Slate	Total
1955							
<b>Building stone:</b>							
Rough	tons 9,939 \$ 124,552	46,234 416,954	183 16,852	19,733 195,455	— —	— —	76,089 753,813
Dressed	tons 17,389 \$ 1,754,058	41,968 2,368,569	420 96,800	1,798 130,772	— —	— —	61,575 4,349,999
<b>Monumental and ornamental stone:</b>							
Rough	tons 9,154 \$ 214,513	— —	244 12,417	— —	— —	— —	9,398 226,930
Dressed	tons 5,491 \$ 925,358	— —	— —	— —	— —	— —	5,491 925,358
Flagstone	tons 450 \$ 5,265	1,308 10,422	— —	6,127 63,531	— —	185 11,100	8,070 90,318
Curbstone	tons 200 \$ 5,547	15 299	— —	— —	— —	— —	215 5,846
Paving blocks	tons 202 \$ 1,474	— —	— —	— —	— —	— —	202 1,474
<b>Chemical and metallurgical:</b>							
Cement plants	tons — \$ —	266,010 <sup>3</sup> 293,279	— —	— —	— —	— —	266,010 283,279
Lining open-hearth furnaces	tons — \$ —	81,672 102,867	— —	— —	— —	— —	81,672 102,867
Flux in iron and steel furnaces	tons — \$ —	1,347,128 1,602,374	— —	412 4,120	— —	— —	1,347,540 1,606,494
Flux in non-ferrous smelters	tons — \$ —	198,456 214,313	292 4,040	— —	— —	— —	198,748 218,353
Glass factories	tons — \$ —	17,662 43,840	— —	— —	— —	— —	17,662 43,840
Pulp and paper mills	tons — \$ —	439,730 1,344,352	10,599 31,942	— —	— —	— —	450,329 1,376,294
Sugar refineries	tons — \$ —	8,905 11,093	— —	— —	— —	— —	8,905 11,093
Other chemical uses	tons — \$ —	63,371 65,910	— —	— —	— —	— —	63,371 65,910
<b>Pulverized stone:</b>							
Whiting (substitute)	tons — \$ —	4,243 21,562	11,764 141,169	— —	— —	— —	16,007 162,731
Asphalt filler	tons 20,718 \$ 47,792	26,683 108,227	1,650 4,950	— —	— —	— —	49,051 160,969
Dustling coal mines	tons — \$ —	1,030 5,725	— —	— —	— —	— —	1,030 5,725
Agricultural purposes and fertilizer plants	tons — \$ —	424,028 1,027,161	2,013 4,460	— —	— —	— —	426,041 1,031,621
Other uses	tons — \$ —	108,543 521,254	— —	— —	— —	61 61	108,604 521,315
Crushed stone for manufacture of artificial stone	tons — \$ —	2,215 7,656	14,355 80,783	— —	— —	— —	16,570 88,439
Roofing granules	tons 88,432 \$ 118,331	— —	— —	— —	— —	1,094 21,747	89,526 140,078
Poultry grit	tons 5,664 \$ 91,100	3,267 26,719	1,959 15,749	— —	— —	— —	10,890 133,568
Stucco dash	tons 2,625 \$ 32,170	5,548 55,698	198 2,233	— —	— —	— —	8,371 90,301
Terrazzo chips	tons — \$ —	1,116 8,930	16,650 218,597	— —	— —	— —	19,766 227,527
Rock wool	tons — \$ —	3,269 3,791	— —	— —	— —	— —	3,269 3,791
Rubble and riprap	tons 1,562,986 \$ 2,044,767	410,457 402,322	— —	85,697 139,801	57,206 41,165	300 300	2,116,646 2,028,355
<b>Crushed stone:</b>							
Concrete aggregate	tons 193,099 \$ 458,607	6,316,790 7,746,728	290 436	24,667 64,657	13,087 137,653	— —	6,537,923 6,408,061
Road metal	tons 628,779 \$ 1,351,616	11,548,279 12,953,661	229 546	375,138 115,602	8,654 8,600	— —	12,561,077 14,430,025
Railroad ballast	tons 83,821 \$ 91,426	753,412 756,524	— —	12,672 2,231	— —	— —	849,905 850,181
Other uses	tons 3,000,001 \$ 2,400,016	1,986,232 2,211,883	489 2,757	96,550 156,852	19,695 20,604	— —	5,102,967 4,792,112
<b>Total<sup>2</sup></b>	tons 5,618,940 \$ 9,666,592	24,107,571 32,322,313	63,335 633,531	622,792 873,021	98,642 208,022	1,640 33,208	30,512,920 43,736,687

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. Includes stone shipped to Foreign cement plants during 1950-1955 but not previously recorded.

TABLE 6. Production of Stone For Various Uses, 1946-1955

Year		Building stone	For chemical purposes <sup>1</sup>	For concrete aggregate	For road metal	For railroad ballast	For cement manufacture <sup>2</sup>	For lime manufacture
1946 .....	tons	70,923	871,148	2,473,643	2,472,033	1,127,775	2,625,008	1,445,891
	\$	1,411,293	1,064,065	2,154,069	2,215,167	971,595	-	-
1947 .....	tons	102,241	1,204,601	3,179,063	4,177,636	998,612	3,100,829	1,730,819
	\$	2,098,365	1,746,172	3,336,871	4,007,730	774,878	-	-
1948 .....	tons	80,113	975,661	2,997,809	4,563,701	978,325	3,528,324	1,792,700
	\$	2,296,320	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	1,739,508
	\$	2,439,600	2,060,085	3,607,349	5,305,286	737,237	-	-
1950 .....	tons	118,840	1,335,969	6,203,220	7,232,983	508,446	4,198,641	1,928,127
	\$	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	2,164,298
	\$	4,575,321	2,623,611	6,416,332	8,105,952	996,161	-	-
1952 .....	tons	109,205	1,734,812	6,110,031	6,972,963	1,075,330	4,656,613	2,131,563
	\$	4,229,790	3,049,623	6,335,278	7,912,210	1,225,311	-	-
1953 .....	tons	118,233	1,892,405	6,918,351	7,947,901	904,342	5,579,987	2,163,427
	\$	4,370,095	2,953,924	8,103,289	8,663,413	907,313	-	-
1954 .....	tons	134,718	1,695,336	6,420,930	10,018,259	695,632	5,843,283	2,154,987
	\$	5,071,852	2,951,655	7,518,726	10,463,500	748,095	-	-
1955 .....	tons	137,664	2,352,565	6,537,923	12,561,077	849,905	6,036,032	2,274,211
	\$	5,103,312	3,605,263	8,408,081	14,430,025	850,181	-	-

1. Does not include limestone used in the Canadian lime industry.

2. Includes shale. In 1954 the shale used totalled 277,035 tons and in 1955, 71,599 tons.

TABLE 7. Imports and Exports of Stone, by Kinds, 1954 and 1955

		1954		1955	
		Quantity	\$	Quantity	\$
<b>IMPORTS</b>					
Building stone, n.o.p.	cwt.	694,604	660,417	693,428	639,183
Curling stones and handles therefor	pairs	2,915	103,955	3,922	123,603
Granite, rough, not hammered or chiselled	-	-	222,809	-	237,713
Granite, sawn only	-	-	90,357	-	84,140
Granite, manufactures of, n.o.p.	-	-	402,986	-	339,935
Marble, rough, not hammered or chiselled	-	-	179,265	-	122,108
Marble, sawn or sand rubbed, not polished	-	-	254,821	-	366,860
Marble, not further manufactured than sawn, for tombstones	-	-	38,913	-	44,440
Marble for churches	-	-	135,912	-	123,213
Marble, manufactures of, n.o.p.	-	-	49,169	-	69,727
Refuse stone	tons	3,674	7,559	445	2,540
Slate roofing	squares	1,458	39,190	1,468	46,585
Slate mantels and manufactures of slate, n.o.p.	-	-	56,742	-	31,691
Chalk, china, cornwall or cliff stone and mica schist	-	-	2,351	-	2,851
Mineral wool	tons	698	155,546	778	187,657
Whiting, gilders' whiting and Paris white	"	10,824	253,811	11,905	297,879
Manufactures of stone, n.o.p.	-	-	51,112	-	39,630
Chalk, prepared	-	-	3,148	-	4,024
Pumice and pumice stone and lava tufa	-	-	163,028	-	214,358
Grindstones, not mounted and not less than 36 inches in diameter	No.	194	16,630	196	18,790
Grindstones, n.o.p.	"	1,241	9,520	2,084	12,533
Burrstones, rough, in blocks	"	26	963	20	750
Ganister	cwt.	11,792	6,350	9,116	8,163
Roofing granules	tons	106,303	1,849,403	119,290	2,171,234
Stone, crushed	"	545,435	541,573	927,180	969,805
Total	-	-	5,295,530	-	6,159,412
<b>EXPORTS</b>					
Building stone, unwrought	tons	228	8,492	279	9,420
Crushed stone	"	6,920	11,670	7,440	11,475
Granite and marble, unwrought	"	4,761	79,511	6,019	92,796
Dressed stone of all kinds	-	-	29,697	-	21,161
Grindstones, manufactured	-	-	96,178	-	45,039
Total	-	-	225,548	-	179,891

## MINERAL STATISTICS

TABLE 8. Employees and Their Earnings in the Stone Quarrying Industry, 1951-1955

Year	Number of employees						Number of man-hours worked (all employees)	Earnings		
	Office and administrative		Workmen		Total	Office and adminis- trative	Workmen	Total		
	Male	Female	Male	Female		\$		\$		
1951 .....	236	34	3,588	3	3,861	9,107,515	770,139	8,448,555	9,218,694	
1952 .....	277	35	3,578	7	3,897	9,350,107	956,036	9,274,604	10,230,640	
1953 .....	287	31	3,480	5	3,803	9,140,090	1,054,617	9,084,575	10,139,192	
1954 .....	312	37	3,793	4	4,146	9,954,575	1,196,583	11,184,221	12,380,804	
1955 .....	365	34	3,702	7	4,108	10,106,756	1,408,140	10,982,803	12,390,943	

TABLE 9. Workmen in the Stone Quarrying Industry, by Months, 1954 and 1955

Month	1954				Total	1955				Total	
	Quarry		Dressing works			Male	Female	Male	Female		
	Male	Female	Male	Female		Number	Number	Number	Number		
January .....	1,903	—	647	1	2,551	1,752	2	657	—	2,411	
February .....	1,858	—	695	1	2,554	1,676	2	675	—	2,353	
March .....	2,254	2	705	1	2,962	1,916	2	697	—	2,615	
April .....	2,628	2	756	1	3,387	2,496	4	828	—	3,328	
May .....	3,317	3	865	1	4,186	3,326	5	973	1	4,305	
June .....	3,730	3	882	1	4,616	3,557	6	1,011	1	4,575	
July .....	3,746	3	864	1	4,634	3,638	6	1,078	1	4,723	
August .....	3,678	3	914	1	4,506	3,655	5	1,119	1	4,780	
September .....	3,668	2	922	1	4,593	3,395	5	1,146	1	4,547	
October .....	3,453	3	824	1	4,281	3,114	5	1,119	—	4,238	
November .....	3,172	2	776	1	3,953	2,596	4	1,086	—	3,686	
December .....	2,377	1	693	1	3,072	2,195	3	934	—	3,132	
Average .....	2,996	3	797	1	3,797	2,756	6	946	1	3,709	
Number of man-hours worked during year					9,159,374					9,196,252	

## 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 irreg-

ularly shaped pieces which are used for breakwaters, road fill and crushed rock for concrete aggregate.

In 1955 the quantity of granite shipped was considerably less than in the preceding year. The 1954 figure included granite used in 1954 and 1953 to build the Canso causeway in Nova Scotia.

TABLE 10. Production of Granite<sup>1</sup>, 1946-1955

Year	Short tons	\$	Year	Short tons	\$
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
1949 .....	2,321,017	5,110,024	1954 .....	12,834,727	13,041,999
1950 .....	2,071,052	4,971,144	1955 .....	5,618,940	9,666,592

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 11. Production of Limestone<sup>1</sup>, 1946-1955

Year	Marl <sup>2</sup>	Limestone, dolomite and marl	Value	Year	Marl <sup>2</sup>	Limestone, dolomite and marl	Value
	tons	tons	\$		tons	tons	\$
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
1949 .....	43,181	10,951,312	13,876,845	1954 .....	59,293	18,829,748	25,144,028
1950 .....	48,918	12,267,432	15,964,617	1955 .....	60,611	24,107,571	32,322,313

1. Includes dolomite and marl.

2. Included in next column.

## MARBLE

Marble is marketed principally in crushed or ground forms for use in terrazzo flooring, stucco dash, artificial stone, poultry grit, and the manufacture of whiting substitute. Crushed marble is also used by the pulp and paper industry in preparing dissolving liquor. In Canada, there is a small output of quarry blocks to provide ornamental stone for building construction. For this use the stone is sawn, matched, shaped and polished. Three quarries

produce mill blocks. Canadian production is only a small part of the country's requirements and the domestic market is mainly supplied by imports from Italy and the United States in the form of mill blocks or sawn slabs which are finished in Canadian marble dressing plants.

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

TABLE 12. Production of Marble, 1946-1955

Year	Short tons	\$	Year	Short tons	\$
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
1949 .....	52,152	446,905	1954 .....	57,748	633,702
1950 .....	55,179	436,502	1955 .....	63,335	633,531

## 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 1955 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 1955 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 13. Production of Sandstone, 1946-1955

Year	Short tons	\$	Year	Short tons	\$
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	1,065,829	1953 .....	974,104	695,965
1949 .....	596,989	1,014,084	1954 .....	830,478	823,563
1950 .....	3,685,070	4,418,059	1955 .....	622,792	873,021

## SHALE

During 1955 shale was used as a raw material in the production of light-weight aggregates. There was a fairly large tonnage used as a fill in a break-water. In previous years all the shale quarried was used in brick, tile and cement plants and the statistics on this commodity were included in the data on

those industries. The production of shale, excluding that used in clay products and cement, amounted to 98,642 tons valued at \$208,022 in 1955 compared with 212,902 tons valued at \$182,961 in the preceding year.

## SLATE

Canadian slate production in 1955 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 14. Production of Slate, 1946-1955

Year	Short tons	\$	Year	Short tons	\$
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
1949 .....	6,569	80,215	1954 .....	2,322	30,833
1950 .....	8,331	105,035	1955 .....	1,640	33,208

## 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. A plant at Havelock, Ontario, colours roofing granules.

The quantity of stone shipped from Canadian quarries to make roofing granules is shown in Tables 4 and 5. The yield of roofing granules is about 60 per cent.

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.

List of Firms in the Stone Quarrying Industry - 1953

Name	Head office address	Location
<b>GRANITE</b>		
<b>Newfoundland:</b>		
Newfoundland Department of Highways.....	St. John's .....	Various
<b>Nova Scotia:</b>		
Dauphinee, W.T. <sup>2</sup> .....	Box 68, Shelburne .....	Birchtown
Municipal Spraying and Contracting Ltd. ....	1350 Barrington St., Halifax .....	Bedford
Nixon Granite Works <sup>2</sup> .....	R.R. #3, Middleton .....	Nictaux West
Northern Construction Co. and J.W. Stewart, Ltd. ....	1304 Hornby St., Vancouver, British Columbia .....	Mulgrave
Nova Scotia Department of Highways .....	Halifax .....	Various
Scott, T.W., and Co. ....	Box 336, Middleton .....	Nictaux West
<b>New Brunswick:</b>		
Atlas Construction Co. Ltd. ....	4781 St. Catherine St. W., Montreal, Quebec .....	Green Point
Moncton Crushed Stone Co. ....	Box 595, Moncton .....	Westmorland Co.
Stults Monument Works <sup>2</sup> .....	Saint John .....	Hampstead
<b>Quebec:</b>		
Adru Granite Inc. <sup>2</sup> .....	P.O. Box 83, Montreal .....	Beebe
Atlas Granite Co. Ltd. ....	Guenette .....	Guenette
Beebe Granite Works <sup>2</sup> .....	Beebe .....	Beebe
Bélanger, Philippe .....	10 Bellevue St., Shawinigan Falls .....	Shawinigan Falls
Bolduc, Antonio <sup>2</sup> .....	St-Sébastien .....	Ste-Cécile
Bouchard, T. Albert .....	La Tuque .....	La Tuque
Brodies Ltd. <sup>2</sup> .....	1070 Bleury St., Montreal .....	Graniterville, Guenette and Mount Johnson
Bussière and Frère Engr. <sup>2</sup> .....	St-Sébastien .....	St-Sébastien
Canada Black Granite Co. Ltd. <sup>2</sup> .....	316 Latulippe St. W., Rouyn .....	Beaudry
Carrière de Grand'Mère .....	Grand'Mère .....	Grand'Mère
Carrière Shawinigan Engr. ....	Shawinigan Falls .....	Glenada
Constructions du St. Laurent Ltée, Les .....	Boul. des Chutes, Villerive .....	Canton Letellier
Deschambault Quarry Corp. <sup>2</sup> .....	3444 Blvd. St-Joseph, Montreal .....	St-Gérard
Dumas and Voyer <sup>2</sup> .....	Rivière-à-Pierre .....	Rivière-à-Pierre
Foundation Co. of Canada, Ltd. <sup>1</sup> .....	1900 Sherbrooke St. W., Montreal .....	Gaspé
Gaboriault and Nevers Reg'd. <sup>2</sup> .....	P.O. Box 65, Grenville .....	Grenville
Gingras and Frère Ltée <sup>2</sup> .....	Stanhope .....	Stanhope
Granit National Ltée, Le <sup>2</sup> .....	St-Joseph D'Alma .....	St-Gédéon, Ste-Anne and St-Joseph d'Alma
Grenier, Elie .....	Glenada .....	Glenada
Gulf Maritime Construction Ltd. ....	Matane .....	Matane
Hydro Québec .....	107, rue Craig O., Montréal .....	Rouyn-Noranda
Laforme, Noé .....	Ste-Flore .....	Ste-Flore
Lamothe, D., Ltd. ....	Noranda .....	Gatineau Co.
Laroche, Omer .....	Rivière-à-Pierre .....	Rivière-à-Pierre
Laurentian Granite Co. Ltd. ....	Lac des Ecorces .....	Lac des Ecorces
Lavole, P. ....	Notre Dame d'Hébertville .....	Notre Dame d'Hébertville
Marvel Granite Reg'd. ....	17 Notre Dame St., Donnacona .....	St. Raymond
Matte, A. ....	St-Basile .....	St-Basile
Messier, L. ....	Iberville .....	Iberville
Moreau, P. <sup>2</sup> .....	Hebertville Station .....	Hebertville Station
Parent, G.H. <sup>2</sup> .....	St-Jérôme .....	St-Jérôme
Parent, R. ....	Ste-Agathe des Monts .....	Labeille Co.
Perron, A. <sup>1</sup> .....	Rivière-à-Pierre .....	Portneuf Co.
Poisson, M. ....	Guenette .....	Guenette
Quebec Department of Roads .....	Quebec .....	Various
Quebec Iron and Titanium Corporation .....	1510 Drummond St., Montreal 25.....	Lac Allard
Quebec North Shore and Labrador Railway Co. ....	810 Côte-de-Liesse Rd., Montreal .....	Saguenay Co.

## List of Firms in the Stone Quarrying Industry - 1955 - Continued

Name	Head office address	Location
<b>GRANITE - concluded</b>		
<b>Quebec - concluded:</b>		
St. Pierre, J. <sup>1</sup> .....	Guenette .....	Guenette
St. Samuel Granite <sup>2</sup> .....	St. Samuel Station .....	St. Samuel Station
Scotstown Granite Co. Ltd. <sup>2</sup> .....	Cap St-Martin .....	Cap St-Martin
Silver Granite Co. Ltd. <sup>2</sup> .....	2251, rue Delormier, Montréal .....	St-Samuel
Simard and Frère Cie Ltd. <sup>1</sup> .....	Amos .....	Amos
Stanstead Granite Quarries Company Limited <sup>2</sup> .....	Beebe .....	Graniteville
Suzor, O. .....	Pont Rouge .....	Pont Rouge
Vaillancourt and Frère Enrg. .....	Yamachiche .....	Yamachiche
White Diamond Granite Co. Ltée <sup>2</sup> .....	1043, boul. des Forges, Trois-Rivières .....	Wolfe and Guenette Counties
<b>Ontario:</b>		
Boothby, F.G. .....	Port Cunnington .....	Franklin Tp.
Brockville Crushed Stone Limited .....	23 John St., Brockville .....	Brockville
Building Products Ltd. .....	P.O. Box 6063, Montréal, Quebec .....	Madoc and Havelock
Canadian Dredge and Dock Co. Ltd. <sup>1</sup> .....	302 Harbour Commission Bldg., Toronto .....	Port Arthur
Hall, Wilfred .....	36 Burritt St., Parry Sound .....	Mill Lake
Scotstown Granite Co. Ltd. <sup>2</sup> .....	Vermilion Bay .....	Vermilion Bay
Verona Rock Products Ltd. .....	Verona .....	Verona
<b>Manitoba:</b>		
Manitoba Department of Highways .....	Winnipeg .....	Various
Shoal Lake Granite Co. <sup>1</sup> .....	East Braintree .....	East Braintree
Winnipeg Marble Co. Ltd. <sup>1</sup> .....	1180 Wall St., Winnipeg .....	West Hawk Lake
<b>British Columbia:</b>		
B.C. Monumental Works Ltd. <sup>1</sup> .....	3096 Main St., Vancouver .....	Granite Island
Canadian National Railways .....	Montreal, Quebec .....	Yale, Pitman, Copper Creek and Ashcroft
Gilley Bros. Ltd. .....	902 Columbia St., New Westminster .....	New Westminster
Gilpin Construction Co. Ltd. <sup>1</sup> .....	119 W. Fender St., Vancouver .....	Burrard
Indian River Quarries Ltd. (formerly Coast Quarries Ltd.) .....	1255 W. Pender St., Vancouver .....	Granite Falls
Kootenay Granite Products Limited .....	603-8th Ave. W., Calgary, Alberta .....	Sirdar
McDonald, J.A. and C.H., Limited <sup>2</sup> .....	1571 Main St., Vancouver .....	Sointula
Nelson Granite and Monumental Co. <sup>1</sup> .....	Nelson .....	Nelson
Northern Construction Company & J.W. Stewart Limited .....	1304 Hornby St., Vancouver .....	Goldbridge
Pacific Silica Limited .....	Oliver .....	Osoyoos
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. <sup>2</sup> .....	744 Hastings St. W., Vancouver .....	Nelson Island
Wilson, James S., and Co. Ltd. <sup>1</sup> .....	Sirdar .....	Sirdar
<b>LIMESTONE</b>		
<b>Newfoundland:</b>		
Bowater's Newfoundland Pulp and Paper Mills Ltd. .....	Corner Brook .....	Corner Brook
Dominion Limestone Limited .....	Aguathuna .....	Aguathuna
Newfoundland Lime Mfg. Co. Ltd. .....	St. John's .....	Cobbs Arm
Newfoundland Department of Highways .....	St. John's .....	Various
<b>Nova Scotia:</b>		
Cook, Bruce .....	East River Point .....	East River Point
Grant, G.W. .....	Milford Station .....	Admiral Rock
Mersey Paper Co. Ltd. .....	Liverpool .....	East River Point
Mosher Limestone Co. Ltd. .....	Upper Musquodoboit .....	Upper Musquodoboit
Nova Scotia Department of Highways .....	Halifax .....	Various
<b>New Brunswick:</b>		
Atlas Construction Co. Limited .....	4781 St. Catherine St. W., Montreal, Quebec .....	Siegas
Brookville Manufacturing Co. Ltd. .....	Brookville .....	Brookville
Canada Cement Company Limited .....	Box 290, Station B, Montreal, Quebec .....	Havelock
Elm Tree Limestone Co-Operative Ltd. .....	Nigadoo .....	Nigadoo
Havelock Lime Works .....	Havelock .....	Havelock
Snowflake Lime Ltd. .....	3 Pokiok Rd., Saint John .....	Saint John
<b>Quebec:</b>		
Aluminum Company of Canada Ltd. .....	1700 Sun Life Bldg., Montreal .....	Arvida
Amendements Calcaires de Rivière-Bleue Enrg., (Les) .....	Rivière-Bleue .....	Rivière-Bleue
Archambault Cut Stone Co. Ltd. <sup>2</sup> .....	Bélanger Village .....	Bélanger Village
Back River Quarries Ltd. .....	680, boul. Labelle, l'Abord à Plouffe .....	Cap St-Martin
Beaudry, Joseph P. .....	133 Taché St., Joliette .....	Joliette
Bé dard, Jean, Ltée .....	480 Lafleur Ave., La Salle .....	La Salle
Boucher, Louis .....	Percé .....	Percé
Canada Cement Co. Ltd. .....	P.O. Box 290, Station "B", Montreal .....	Hull
Carrière Andorno <sup>2</sup> .....	Cap St-Martin .....	Cap St-Martin
Carrière Bernier Enrg. .....	R.R. 2, St-Jean .....	St-Jean
Carrière Chateau Enrg. .....	Château-Richer .....	Montmorency
Carrière du Cap St-Martin Enrg. .....	636, ave Querbes, Outremont .....	Cap St-Martin
Carrière Gouin Limitée .....	139, boul. Normand, Trois-Rivières .....	Portneuf Co.
Carrière Gravel Ltée <sup>1</sup> .....	Château-Richer .....	Château-Richer
Carrière Montreal-Est Ltée .....	11175 St-Léonard, Port Maurice .....	Port Maurice
Carrière Pointe Claire .....	235 Montée St-Charles, Ste-Geneviève .....	Pointe Claire

## List of Firms in the Stone Quarrying Industry — 1955 — Continued

Name	Head office address	Location
<b>LIMESTONE — continued</b>		
<b>Quebec — concluded:</b>		
Carrière de St-Barthélemy Ltée .....	St-Barthélemy .....	St-Barthélemy
Carrières de St-Dominique Ltée, (Les) .....	555 St-Denis, St-Hyacinthe .....	St-Dominique
Carrière St-Maurice Inc. ....	1497 Craig St., Trois-Rivières .....	St-Louis de France
Cauvier and Keays .....	Chandler .....	Havre Aubert
Charbonneau, Lucien .....	St-François de Sales .....	St-François de Sales
Chaux Agricole Inc. ....	St-Hyacinthe .....	St-Dominique
Cie de Pierre de Taille Martineau Ltée, La <sup>2</sup> .....	5000—13ième ave, Montréal .....	Pont Vlau
Department de la Justice <sup>2</sup> .....	Ottawa, Ontario .....	St-Vincent de Paul
Deschambault Quarry Corp. <sup>2</sup> .....	5000—13ième ave, Montréal .....	St-Marc des Carrières
Dominion Lime Ltd. ....	Lime Ridge .....	Lime Ridge
Entreprises de l'Est Ltée .....	1055 Demontigny St., Quebec .....	Pointe Basse and East Cape
Faubert, A. ....	Chateauguay .....	Chateauguay
Fuger and Smith Ltd. ....	Pointe Claire .....	Pointe Claire
Gagnon and Fils .....	St-Joachim .....	St-Joachim
Gagnon, Rosalie .....	Roberval .....	Roberval
Gauthier, Jos. O., Ltée <sup>2</sup> .....	St-Marc des Carrières .....	St-Marc des Carrières
Gingras and Frère Ltée <sup>2</sup> .....	St-Marc des Carrières .....	St-Marc des Carrières
Jourdain, E. ....	Cap-Chat .....	Cap-Chat
Kennedy Construction Co. Ltd. ....	407 McGill St., Montreal .....	Actionvale
Lagacé Quarries Ltd. ....	130, boul. Labelle, L'Abord-à-Plouffe .....	L'Abord-à-Plouffe
Langlois, A. ....	St-Marc des Carrières .....	St-Marc des Carrières
Leclerc, J.J., and Fils Ltée .....	Drapeau .....	Drapeau
Ministère de la Voie et des Travaux .....	Québec .....	St-Charles de Bellechasse
Miron Frères Ltée .....	2201, Chemin St-Michel, Montréal .....	Montréal
Montreal Cut Stone Ltd. <sup>2</sup> .....	1869, rue St-André, Montréal .....	St-François de Sales
Montreal Quarry Ltd. ....	2020, ave Union, Montreal .....	St-Michel
National Quarries Ltd. ....	6301 Park Ave., Montreal .....	Côte St-Michel
Paquet and Fils Entg. ....	St-Marc des Carrières .....	St-Marc des Carrières
Paquin, M. ....	St-Marc des Carrières .....	St-Marc des Carrières
Port Daniel Quarry Reg'd. ....	Port Daniel Station .....	Port Daniel Station
Poulin, A. ....	St-Féféol .....	St-Féféol
Quebec Department of Roads .....	Québec .....	Various
Rioux, Raoul and Maurice .....	Cowansville .....	Cowansville
St. Francis Rock Products and Equipment Ltd. ....	Côte Ste. Marguerite, Montreal .....	St. Laurent
St. Laurent Stone Products and Supplies Ltd. ....	Côte Ste. Marguerite, Montreal .....	St. Laurent
Salaberry de Valleyfield, La Cité <sup>1</sup> .....	Salaberry de Valleyfield .....	Salaberry de Valleyfield
Shawinigan Chemicals Ltd. ....	600 Dorchester St. W., Montréal .....	Bedford
Standard Lime Co. Ltd. ....	Joliette .....	St-Paul de Joliette
Steele, G.K. <sup>1</sup> .....	New Carlisle .....	New Carlisle
Tanguay, J. ....	Ste-Justine .....	Ste-Justine
Trappe de N.D. de Mistassini, La .....	Village des Pères .....	Mistassini
Union des Carrières and 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. and E. ....	Cap St-Martin .....	Laval Co.
Verreault, Elzéar, Ltée .....	194, du Pont, Québec .....	Gifford
Viau, Paul .....	340, boul. du Havre, Valleyfield .....	Valleyfield
<b>Ontario:</b>		
Abitibi Power and Paper Co. Ltd. ....	408 University Ave., Toronto .....	Bucke Tp.
Armstrong Bros. Company Limited .....	Brampton .....	Vinemount and Marmora
Bertrand and Frère Cons. Co. Ltd. ....	L'Original .....	Plantagenet
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", Montréal, Quebec .....	Thurlow Tp.
Canada Crushed and Cut Stone Ltd. ....	72 Sun Life Bldg., Hamilton .....	Dundas and Hagersville
Canadian Dolomite Company .....	Portage du Fort, Québec .....	Ross Tp.
Canadian Gypsum Company Limited .....	170 Bloor St. W., Toronto .....	Guelph
Carleton Lime Products Co. ....	P.O. Box 26, Carleton Place .....	Ramsay Tp.
Chemical Lime Ltd. ....	P.O. Box 122, Beachville .....	Beachville
Cobo Minerals Ltd. <sup>1</sup> ....	147 Farnham Ave., Toronto .....	Coboconk
Cook, J.S., Stone Quarries <sup>2</sup> .....	Wiarton .....	Bruce Co.
Cope, A., and Sons Ltd. ....	19 Albert St., Hamilton .....	Saltfleet Tp.
Curran and Briggs Limited <sup>1</sup> .....	61 Haverson Blvd., Toronto .....	Cooksville
Dibblee Construction Co. Limited .....	384 Bank St., Ottawa .....	Bowesville
Dunville Rock Products .....	211 George St., Dunnville .....	Dunn Tp.
Ebel, C.M. ....	Wiarton .....	Wiarton
Frazer-Duntile Co. Ltd. ....	130 Sparks St., Ottawa .....	Nepean Tp.
Frontenac Quarries Ltd. ....	235 Wellington St., Kingston .....	Kingston
Grandmaitre, D., Ltd. ....	131 Montreal Rd., Eastview .....	Montreal Rd.
Gray, J., and Sons .....	Hamilton .....	Flamboro Tp.
Gypsum, Lime and Alabastine, Canada Ltd. ....	Paris .....	Beachville and Hespeler
Hagersville Quarries Ltd. ....	2700 Dufferin St., Toronto .....	Hagersville
Haldimand Quarries and Construction Ltd. ....	137 Wellington St. W., Toronto .....	Hagersville
International Ceramic Mining Ltd. ....	577 Eglinton Ave. W., Toronto .....	Melissa
Jamieson Lime Co. ....	110 Hall Ave., Renfrew .....	Horton Tp.
Kingston Penitentiary .....	Kingston .....	Kingston
Kirkfield Crushed Stone Ltd. ....	2700 Dufferin St., Toronto .....	Kirkfield
Knowlton, C. ....	Brockville .....	Brockville
Laurentian Stone Co. Ltd., The .....	195 Nicholas St., Ottawa .....	Quarries
Law, R.E., Crushed Stone Ltd. ....	Port Colborne .....	Port Colborne
Limestone Products Ltd. ....	1109 Millwood Rd., Toronto .....	Orillia Tp.
McGinnis and O'Conner Limited .....	394 King St. E., Kingston .....	Barriefield
Nelson Crushed Stone Ltd. ....	Box 36, Oakville .....	Burlington
Niagara Crushed Stone (Humberstone) Ltd. ....	Box 222, Port Colborne .....	Welland
Niagara Quarries and Cut Stone Ltd. ....	490 Buttrey St., Niagara Falls .....	Thorold
North American Cyanamid Ltd. ....	Niagara Falls .....	Ingersoll
Ottawa Valley Crushed Stone Limited .....	Box 290, Station "B", Montréal, Quebec .....	Eastview
Parisen, Fernand .....	Alfred .....	Alfred

## List of Firms in the Stone Quarrying Industry - 1955 - Continued

Name	Head office address	Location
<b>LIMESTONE - concluded</b>		
<b>Ontario - concluded:</b>		
Pembroke, Corporation of Queenston Quarries Ltd. <sup>2</sup>	Pembroke	Pembroke
Ridgemount Quarries	72 Sun Life Bldg., Hamilton	Niagara Falls
Rieger Bros. Construction Ltd.	Stevensville	Bertie Tp.
Robindale Quarries Limited	Scudder P.O.	Pelee Island
Sampson, J. <sup>2</sup>	Picton	Robindale
Sauve, R.E.	20 Market St., Kingston	Kingston
Savigny, R., Quarries Limited	Forbes	Forbes
Storey Construction	P.O. Box 143, Merrilton	Grantham Tp.
Verona Rock Products Ltd.	R.R. 2, Bath	Napanee
Walker Bros. Quarries	66 King St. W., Toronto	Verona
	P.O. Box 586, Thorold	Stamford Tp.
<b>Manitoba:</b>		
Building Products and Coal Co. Ltd.	111 Christie St., Winnipeg	Inwood
Garsom Quarries Ltd. <sup>2</sup>	251 Machray Ave., Winnipeg	Garson
Gillis Quarries Ltd. <sup>2</sup>	Richard and Spruce Sts., Winnipeg	Garson
Manitoba Department of Highways	Winnipeg	Various
Tyndall Quarry Co. Ltd. <sup>2</sup>	1591 Erin St., Winnipeg	Tyndall
Winnipeg, City of	225 James Ave., Winnipeg	Stony Mountain
Winnipeg Supply and Fuel Co. Ltd.	812 Boyd Bldg., Winnipeg	Moosehorn and Stonewall
<b>Alberta:</b>		
Loder's Lime Co. Ltd.	940-8th Ave. W., Calgary	Kananaskis
Summit Lime Works Ltd.	P.O. Box 273, Lethbridge	Lethbridge
<b>British Columbia:</b>		
Bar, 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
British Columbia Cement Company Limited	500 Fort St., Victoria	Texada Island
Capilano Crushing Co. Ltd.	107 East First Ave., Vancouver	West Vancouver
Cheam Marl Products Ltd.	1137 W. Hastings St., Vancouver	Bridal Fall
Cobble Hill Lime Products	Cobble Hill	Cobble Hill
Consolidated Mining and Smelting Co. of Canada, Ltd.	Trail	Fife
Erickson, N.	Jeune Landing	Jeune Landing
Fernie, City of <sup>1</sup>	Fernie	Fernie
Fraser Valley Lime Supplies	693-17th Ave., New Westminster	Popkum
Koeye Limestone Co. Ltd.	Namu	Koeye River
Martinson, John <sup>1</sup>	Jeune Landing	Jeune Landing
McKay, D. and A.	Van Anda	Van Anda
Pacific Lime Co. Ltd.	744 W. Hastings St., Vancouver	Blubber Bay
Wood and McClay Limited <sup>1</sup>	1768 E. Hastings St., Vancouver	Aristazabal Island
<b>MARBLE</b>		
<b>New Brunswick:</b>		
York Marble Aggregates Co. Ltd.	192 Odell Ave., Fredericton	Fredericton
<b>Quebec:</b>		
Delbo Inc.	North Stukely	North Stukely
Industrial Fillers Ltd.	4820-4th Ave., Montreal	St. Armand
Messier Terrazzo	St. Armand W.	St. Armand
Missisquoi Stone and Marble Co. Ltd. <sup>2</sup>	Philipsburg	Philipsburg
Moreau, M.F.	Sainte Thécle	Sainte Thécle
Orford Marble Co. Ltd.	65 Beaudet St., St. Laurent	St. Laurent
South Stukely Marble and Terrazzo	South Stukely	South Stukely
<b>Ontario:</b>		
Bolender's Limited	Haliburton	Eagle Lake
Bonter, W.F., and Co. Ltd.	Malone	Malone
Bonter Marble and Calcium Co. Ltd.	P.O. Box 61, Marmora	Marmora
Canada Talc Industry Ltd.	Madoc	Madoc
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
<b>SANDSTONE</b>		
<b>Nova Scotia:</b>		
Arsenault Monumental Works <sup>2</sup>	Antigonish	North Grant
Wallace Quarries Limited	Wallace	Wallace
<b>New Brunswick:</b>		
New Brunswick Highways	Fredericton	Various
Smith, E.A., Estate	Shediac	Shediac
<b>Quebec:</b>		
Beauharnois Light, Heat and Power Co. <sup>1</sup>	107 Craig St., Montreal	Melocheville
Electro Metallurgical Co.	2221 Yonge St., Toronto, Ontario	Melocheville
Gagnon, L.P., Lévis	7, ave Gagnon, Lévis	St-David de Lévis
Gulf Maritime Construction Ltd.	Matane	St. Anaclet
Mannix Ltd.	1612 University Tower Bldg., Montreal	Mont Louis
Notre Dame Quarries Co. Ltd.	Bon Conseil	Bon Conseil

## List of Firms in the Stone Quarrying Industry — 1955 — Concluded

Name	Head office address	Location
<b>SANDSTONE — concluded</b>		
<b>Quebec — concluded:</b>		
Poirier, W.	Montebello	Montebello
Quebec Department of Roads	Quebec	Various
Rousseau, T.E. <sup>1</sup>	Val Brillant	New Carlisle
Sherbrooke, City of	Sherbrooke	Sherbrooke
Simard, Adjutor Inc.	Pointe-au-Pic	Pointe-au-Pic
<b>Ontario:</b>		
Argo Block Co. Ltd.	Cooksville	Glen Williams
Barnes, Wm. R., Co. Ltd.	243 Cumberland Ave., Hamilton	Inglewood
Brennan, M.	Britannia Bay	Nepean Township
Campbell Sandstone Quarries Ltd. <sup>2</sup>	466 Highland Ave., Ottawa	Bell's Corners
Corner, Austin	Belfountain	Belfountain
Credit Valley Quarries Company Ltd.	Inglewood	Inglewood
Deforest Bros.	Terra Cotta	Terra Cotta
Martin Quarries	Glen Williams	Glen Williams
Moore, A.	Minden	Minden
Mountain Sandstone Quarry	Georgetown	Inglewood
Norrie and Shelbourne	Georgetown	Georgetown
Rice and McHarg Quarries	Limehouse	Limehouse
Walker Bros. Quarry	Inglewood	Inglewood
<b>British Columbia:</b>		
Canadian Pacific Railway Co.	Montreal, Quebec	Revelstoke
Consolidated Mining and Smelting Co. of Canada Ltd.	Trail	Kimberley
<b>SHALE</b>		
<b>Quebec:</b>		
Carrières et Excavations Bonneau Ltée	MacKayville	MacKayville
Mannix Ltd.	1612 University Tower Bldg., Montreal	Mont Louis
<b>Alberta:</b>		
Alberta Ytong Manufacturing Co. Ltd.	940—8th Ave. W., Calgary	Calgary
Light Weight Aggregates of Canada Ltd.	5340—1st St. W., Calgary	Calgary
<b>British Columbia:</b>		
British Columbia Department of Highways	Victoria	Various
<b>SLATE</b>		
<b>Quebec:</b>		
Bombardier, J.A.	Valcourt	Valcourt
Coté, J.	Granby	Granby
<b>British Columbia:</b>		
British Columbia Slate Co. Ltd.	327 Seymour St., Vancouver	Slate Creek
Richmond, Geo. W., and Co.	2890—12th Ave. E., Vancouver	McNab Creek

1. Did not ship in 1955.

2. Firms operating dressing works in conjunction with quarry.

## SECONDARY PRODUCTION — THE STONE PRODUCTS INDUSTRY

In 1955 there were 153 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 eleven plants manufacturing mineral wool were also included in this industry.

Output from this industry was valued at \$24,985,809 in 1955, a slight increase over the total of \$24,870,273 reported for the previous year. The 62 works in Ontario accounted for 73.6 per cent of the total output and the 43 plants in Quebec for 11 per cent. The total number of employees was 2,316 who were paid \$7,445,642 in salaries and wages. Materials used in cutting and dressing processes, including stone, cost \$8,610,581. The latter figure also includes the cost of materials used in the production of mineral wool. Expenditures for fuel and electricity amounted to \$892,343.

NOTE: Figures for value added by manufacture, shown in Table 15, prior to 1952 were obtained by subtracting the cost of materials used, including fuel and electricity, from the value of production. In 1952 the gross value of production was replaced by value of factory shipments, f.o.b. plant. As no information on inventory change is available for 1952 and 1953, value added figures for these years were obtained by subtracting from the value of shipments the cost of materials, fuel and electricity. In 1954 and 1955 information on the value of year-end inventory holdings at plant and plant warehouses was collected as part of the annual Census of Industry and information thus made available was taken into account in calculating the value added figures for 1954 and 1955.

## MINERAL STATISTICS

TABLE 15. Principal Statistics of the Stone Products Industry, Significant Years 1929-1955 and by Provinces, 1954 and 1955

Year and province	Establishments	Employees	Salaries and wages	Cost of fuel and electricity at works	Cost at plant of materials used	Value added by manufacture <sup>1</sup>	Gross selling value of products <sup>1</sup>
	No.	No.	\$	\$	\$	\$	\$
1929 .....	220	1,863	3,048,084	138,508	2,788,934	5,296,618	8,224,060
1933 .....	212	821	841,425	87,562	691,523	1,383,565	2,162,650
1937 .....	229	1,159	1,352,566	122,209	1,142,885	2,106,148	3,371,242
1939 .....	190	1,257	1,458,780	139,438	1,259,547	2,407,004	3,805,989
1945 .....	144	1,055	1,665,593	196,703	1,706,599	3,295,818	5,199,120
1946 .....	147	1,541	2,643,298	293,538	2,906,528	5,863,829	9,063,895
1949 .....	163	2,053	4,542,522	707,081	6,095,824	10,646,525	17,449,330
1951 .....	161	2,270	6,198,170	766,099	6,733,301	11,206,251	18,705,651
1952 .....	155	2,142	6,203,703	828,107	7,354,093	11,923,780	20,105,980
1953 .....	159	2,217	6,719,771	922,948	7,816,157	13,956,534	22,695,639
1954							
Newfoundland .....	3 }	31	67,274	6,348	53,527	125,361	180,030
Prince Edward Island .....	1						
Nova Scotia .....	7	78	181,315	22,491	189,473	343,819	555,276
New Brunswick .....	6	63	143,452	12,826	57,524	219,107	290,073
Quebec .....	50	373	916,098	83,405	972,837	1,581,756	2,639,867
Ontario .....	62	1,525	5,233,606	651,967	5,985,611	12,184,785	18,744,250
Manitoba .....	10	68	153,372	9,670	136,455	229,161	377,202
Saskatchewan .....	5	29	65,439	3,745	145,187	82,834	231,192
Alberta .....	6	86	208,074	23,769	438,483	424,045	881,391
British Columbia .....	9	103	293,287	40,260	313,885	621,800	970,992
Canada .....	159	2,356	7,261,917	854,481	8,282,982	15,812,668	24,870,273
1955							
Newfoundland .....	3 }	30	60,709	4,495	50,134	92,563	149,731
Prince Edward Island .....	1						
Nova Scotia .....	7	80	186,784	25,608	188,977	379,954	589,853
New Brunswick .....	6	64	136,680	11,009	65,374	205,311	284,284
Quebec .....	43	335	945,411	85,847	937,385	1,705,363	2,703,374
Ontario .....	62	1,521	5,285,472	689,032	6,241,160	11,666,269	18,398,442
Manitoba .....	10	59	175,629	7,348	161,137	261,379	438,144
Saskatchewan .....	5	23	51,391	1,971	68,450	60,029	132,240
Alberta .....	6	87	216,369	26,132	463,172	423,720	914,908
British Columbia .....	10	117	387,197	40,901	434,792	889,918	1,374,833
Canada .....	153	2,316	7,445,642	892,343	8,610,581	15,684,506	24,985,809

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

1. See footnote to Text.

TABLE 16. Inventories<sup>1</sup>, 1955

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening:				
Newfoundland and Prince Edward Island .....	12,694	1,304	21,321	35,319
Nova Scotia .....	44,443	3,144	8,074	55,661
New Brunswick .....	15,010	8,092	18,868	41,970
Quebec .....	252,035	47,452	77,114	376,601
Ontario .....	1,376,440	122,267	561,951	2,060,658
Manitoba .....	25,805	21,014	48,514	95,333
Saskatchewan .....	3,326	—	2,861	6,187
Alberta .....	122,932	—	11,157	134,089
British Columbia .....	71,459	42,229	46,559	160,247
Canada .....	1,924,144	245,502	796,419	2,966,065
Closing:				
Newfoundland and Prince Edward Island .....	21,209	1,570	15,782	41,561
Nova Scotia .....	46,124	1,568	12,760	60,452
New Brunswick .....	20,268	10,639	16,278	47,185
Quebec .....	263,926	87,636	102,335	453,897
Ontario .....	1,551,225	120,943	759,970	2,432,138
Manitoba .....	25,256	53,727	40,234	119,217
Saskatchewan .....	1,245	—	1,071	2,316
Alberta .....	104,888	—	9,273	114,161
British Columbia .....	89,618	47,370	37,337	174,325
Canada .....	2,123,739	323,453	998,040	3,445,252

Note: Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Stone Products Industry for the year under review are shown in the above table.

1. Book value of all manufacturing inventories owned and held at plant and plant warehouses.

2. The opening inventory for 1955 does not necessarily agree with the closing inventory for 1954, because of the addition of new plants, the transfer of plants to other industries and plants going out of business, etc. However, the value added figures for the previous year have not been recalculated to allow for the changes mentioned above.

TABLE 17. Output of the Stone Products Industry, 1954 and 1955

Product	Total selling value at works	
	1954	1955
Granite, cut and polished:	\$	\$
(a) Monuments .....	3,344,530	3,340,229
(b) For building purposes .....	1,034,539	1,027,204
Marble, cut and polished:		
(a) Monuments .....	756,144	629,022
(b) For building purposes .....	847,984	962,238
Marble chips and dust .....	2,028	16,592
Limestone:		
(a) Monuments and bases .....	15,372	29,367
(b) For building purposes .....	3,846,095	3,065,364
Semi-finished monuments, bases and markers (all kinds, sold for further processing, except lettering)	110,192	24,311
Finished monuments, lettered only .....	551,891	659,088
Other products <sup>1</sup> .....	14,335,114	15,126,404
Repairs and custom work (re-lettering, etc.) .....	26,384	105,992
Total .....	24,870,273	24,985,809

1. Includes mineral wool, etc.

TABLE 18. Cost of Materials Used in the Stone Products Industry, 1954 and 1955

Material	Cost at works	
	1954	1955
Stone:	\$	\$
(a) From Canadian quarries .....	1,494,319	1,449,838
(b) Imported .....	1,337,530	1,183,828
Semi-finished monuments and slabs for further processing, except lettering .....	232,845	232,668
Monuments, cut and polished, for lettering only .....	211,218	235,153
Silica sand or ground quartz .....	109,885	45,605
Slag and stone for mineral wool .....	497,328 <sup>1</sup>	537,889 <sup>1</sup>
Coke for mineral wool .....	353,785	405,200
All other materials .....	4,056,072	4,520,400
Total .....	8,292,982	8,610,581

1. Includes 6,442 tons of stone at \$35,930, 78,500 tons of slag at \$461,398 in 1954 and 8,200 tons of stone at \$50,659 and 95,966 tons of slag at \$487,230 in 1955.

TABLE 19. Production<sup>1</sup> of Mineral Wool for Building Insulation, 1946-1955

Year	Selling value at works	Year	Selling value at works
	\$		\$
1946 .....	4,098,099	1951 .....	7,926,859
1947 .....	4,966,388	1952 .....	7,923,370
1948 .....	5,828,896	1953 .....	9,002,173
1949 .....	7,474,227	1954 .....	9,093,079
1950 .....	8,104,832	1955 .....	9,815,154

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

(b) Factory shipments since 1953.

TABLE 20. Factory Shipments<sup>1</sup> of Mineral Wool for Building Insulation, by Grades, 1955

		Quantity	Selling value at works
4-inch batts .....	Sq. ft.	3,889,145	202,123
3-inch batts .....	"	53,453,456	2,217,785
2-inch batts .....	"	153,715,835	5,302,979
1-inch batts .....	"	—	—
Granulated .....	cu. ft.	10,654,450	1,850,805
Bulk or loose wool .....	"	1,435,169	241,462
Total .....	—	—	9,815,154

1. See footnotes to Tables 19 and 21.

TABLE 21. Producers' Shipments of Mineral Wool for Building Insulation, by Months, 1954 and 1955

	Four-inch batts	Three-inch batts	Two-inch batts	Granulated wool	Bulk or loose wool
	sq. ft.	sq. ft.	sq. ft.	cu. ft.	cu. ft.
1954					
January .....	184,432	3,087,633	8,636,805	719,250	85,746
February .....	146,573	2,459,066	8,277,566	559,593	47,242
March .....	153,440	2,314,663	8,548,674	530,240	44,200
April .....	80,370	2,041,839	7,518,053	495,782	49,721
May .....	228,969	2,658,508	12,140,455	577,844	28,440
June .....	284,450	3,962,165	12,443,520	712,131	35,315
July .....	368,276	4,999,376	14,137,820	780,801	57,369
August .....	353,590	5,562,501	18,250,282	815,518	87,163
September .....	356,296	5,388,249	15,723,470	1,039,561	134,044
October .....	461,320	5,668,957	15,032,410	1,288,089	130,477
November .....	407,990	4,568,616	15,584,558	1,141,163	125,507
December .....	227,066	3,304,240	10,090,761	879,783	95,183
Total .....	3,252,777	46,016,313	146,384,374	9,539,755	921,407
1955					
January .....	257,820	3,186,812	9,233,868	729,315	91,084
February .....	245,000	2,536,184	8,358,552	581,207	94,622
March .....	255,280	2,176,772	7,899,817	492,385	67,735
April .....	159,660	2,550,990	8,898,952	520,552	104,237
May .....	279,280	4,108,699	14,593,074	954,711	122,056
June .....	444,420	5,270,264	16,795,271	955,988	160,629
July .....	410,750	5,960,956	16,717,672	867,822	129,963
August .....	387,218	6,520,180	17,239,311	1,011,769	201,980
September .....	374,392	6,143,563	16,330,236	1,296,274	198,639
October .....	399,862	4,553,235	11,720,682	1,477,884	119,686
November .....	291,170	5,160,620	14,345,043	1,325,375	117,683
December .....	404,889	4,441,228	12,305,438	1,179,900	105,443
Total .....	3,909,741	52,610,403	154,937,356	11,293,682	1,513,757

Note: The difference in totals shown in Tables 20 and 21 is accounted for by the fact that for the most part the former were developed from reports which in some instances were filed in a fiscal, rather than calendar year.

## Producers of Mineral Wool, 1955

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
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 22. Principal Statistics of the Stone Products Industry, Classified According to Type of Ownership, 1954 and 1955

Type	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1954					
Individual ownership .....	76	389	907,551	1,023,208	2,515,100
Partnerships .....	31	207	494,825	444,251	1,360,838
Incorporated companies .....	52	1,760	5,859,541	6,825,523	20,994,335
Total .....	159	2,356	7,261,917	8,292,982	24,870,273
1955					
Individual ownership .....	73	388	934,507	913,211	2,460,570
Partnerships .....	25	163	400,971	384,399	1,088,461
Incorporated companies .....	55	1,765	6,110,164	7,312,971	21,436,778
Total .....	153	2,316	7,445,642	8,610,581	24,985,809

TABLE 23. Principal Statistics of the Stone Products Industry in Canada, Grouped According to Size of Establishment, 1954 and 1955

Establishments reporting value of factory shipments	Establish- ments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
			\$	\$	\$
1954					
Under \$25,000 .....		66	143	254,542	263,831
\$25,000 to \$49,999 .....		28	182	410,482	371,708
\$50,000 to \$99,999 .....		30	321	823,566	657,162
\$100,000 to \$199,999 .....		16	290	820,225	766,759
\$200,000 to \$499,999 .....		8	275	883,389	1,100,201
\$500,000 to \$999,999 .....		8	470	1,472,840	2,184,804
\$1,000,000 to \$4,999,999 .....	2	586	2,179,196	2,948,517	10,334,453
\$5,000,000 and over .....	1				
Head offices .....	—	89	417,677	—	—
Total .....	159	2,356	7,261,917	8,292,982	24,870,273
1955					
Under \$25,000 .....		65	180	340,214	307,150
\$25,000 to \$49,999 .....		21	126	299,428	334,053
\$50,000 to \$99,999 .....		30	295	802,248	707,834
\$100,000 to \$199,999 .....		19	312	951,010	815,254
\$200,000 to \$499,999 .....		9	338	1,181,808	1,150,474
\$500,000 to \$999,999 .....		5	265	870,312	1,801,135
\$1,000,000 to \$4,999,999 .....	3	712	2,520,427	3,494,681	11,677,289
\$5,000,000 and over .....	1				
Head offices .....	—	88	480,195	—	—
Total .....	153	2,316	7,445,642	8,610,581	24,985,809

TABLE 24. Employees, Salaries and Wages in the Stone Products Industry, by Provinces, 1954 and 1955

Province	Number of employees				Earnings			\$	
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers		
	Male	Female	Male	Female					
1954									
Newfoundland .....	7	1	21	2	31	22,416	44,858	67,274	
Prince Edward Island .....	13	4	61	—	78	54,866	126,449	181,315	
Nova Scotia .....		1	55	—	63	25,150	118,302	143,452	
New Brunswick .....	7	1	55	—	373	279,112	636,986	916,098	
Quebec .....	88	13	272	—	373	1,416,318	3,817,288	5,233,606	
Ontario .....	242	95	1,181	7	1,525	64,940	88,432	153,372	
Manitoba .....	17	4	44	3	68	22,392	43,047	65,439	
Saskatchewan .....	8	1	20	—	29	45,393	162,681	208,074	
Alberta .....	13	8	61	4	86	112,844	180,443	293,287	
British Columbia .....	30	3	70	—	103	42,751	57,739	99,490	
Canada .....	425	130	1,785	16	2,356	2,043,431	5,218,486	7,261,917	
1955									
Newfoundland .....	8	4	18	—	30	20,830	39,879	60,709	
Prince Edward Island .....	14	4	62	—	80	47,250	139,534	186,784	
Nova Scotia .....		1	56	—	64	24,146	112,534	136,680	
New Brunswick .....	7	1	56	—	335	287,571	657,840	945,411	
Quebec .....	80	10	245	—	335	1,521	1,576,332	3,709,140	
Ontario .....	262	99	1,156	4	1,521	1,576,332	3,709,140	5,285,472	
Manitoba .....	16	3	39	1	59	57,739	117,890	175,629	
Saskatchewan .....	8	1	14	—	23	26,101	25,290	51,391	
Alberta .....	12	6	66	3	87	42,751	173,618	216,369	
British Columbia .....	33	4	80	—	117	147,973	239,224	387,197	
Canada .....	440	132	1,736	8	2,316	2,230,693	5,214,949	7,445,642	

TABLE 25. Production Workers, by Months, 1954 and 1955

Month	1954			1955		
	Male	Female	Total	Male	Female	Total
Number						
January .....	1,635	17	1,652	1,542	7	1,549
February .....	1,584	16	1,600	1,580	9	1,589
March .....	1,637	11	1,648	1,643	10	1,653
April .....	1,743	14	1,757	1,674	10	1,684
May .....	1,778	14	1,792	1,768	10	1,778
June .....	1,814	18	1,832	1,875	10	1,885
July .....	1,894	14	1,908	1,873	10	1,883
August .....	1,879	14	1,893	1,879	10	1,889
September .....	1,940	18	1,958	1,896	10	1,906
October .....	1,947	13	1,960	1,868	10	1,878
November .....	1,839	13	1,852	1,520	9	1,529
December .....	1,751	14	1,765	1,746	7	1,753
Average .....	1,785	16	1,801	1,736	8	1,744

TABLE 26. Capital and Repair Expenditures in the Stone Products Industry, 1951-1955

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
\$'000							
1951 .....	239	652	891	318	761	1,079	1,970
1952 .....	71	409	480	205	750	955	1,435
1953 .....	179	359	538	176	745	921	1,459
1954 .....	530	1,059	1,589	131	858	989	2,578
1955 <sup>1</sup> .....	804	1,845	2,649	241	824	1,065	3,714

1. Preliminary.

TABLE 27. Imports of Mineral Wool and Glass Wool, 1946-1955

Year	Mineral wool		Glass wool		Total	
	Pounds	\$	Pounds	\$	Pounds	\$
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	64,443	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
1954 .....	1,395,877	155,546	1,543,795	385,453	2,939,672	540,999
1955 .....	1,555,475	187,657	2,728,632	684,615	4,284,107	872,272

## Directory of Firms in the Stone Products Industry, 1955

Name of company	Location of plant
<b>Newfoundland:</b>	
Cook's Marble Works .....	St. John's
Muir's Marble Works, Ltd. ....	St. John's
Skinnlers Monumental Works .....	St. John's
<b>Prince Edward Island:</b>	
Beck, Vere, & Son Ltd. ....	Main Street, Montague
<b>Nova Scotia:</b>	
Coughlan, James S., Marble and Granite Works .....	Simpson's Siding, Halifax
Elmac Company Limited .....	Anson Ave., Amherst
Genue's Granite Works .....	R.L., Lawrencetown
Keddy, C.L., Monument Works .....	171-173 Kempt Road, Halifax
Steele, John D., & Sons Ltd. ....	33 William St., North Sydney
Tingley, Harold W. (Estate) .....	15 Merkell Street, Halifax
Tingley Monuments Limited .....	Amherst
<b>New Brunswick:</b>	
Frenette, P.E., Esq. ....	Jacquet River
Kane, M.T., & Co. Ltd. ....	Westmoreland Road, Saint John
Miranichie Granite & Marble Works .....	Chatham
St. Stephen Granite Works .....	Queen Street, St. Stephen
Smith, E.A. (Estate) ....	Shediac
Stults Monument Works .....	Saint John
<b>Quebec:</b>	
Aiello, S. ....	6776 Sherbrooke St. E., Montreal
Archambault Cut Stone Co. Ltd. ....	Belanger Village, Co. Laval
Beaulieu, Elzear, & Fils Ltée Enrg. ....	Ste-Helene, 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., Limitee .....	4485 Côte-des-Neiges, Montreal
Chabot, J. Roy .....	Scott Junction
Chausse, Edouard, & Fils .....	1650 King St. West, Sherbrooke
Crete, James, Esq. ....	Royal St., Sorel
Dalceggio, F., Esq. ....	4588 Chemin Côte-des-Neiges, Montreal
Daudelin, Rolland, Esq. ....	1395 St. Antoine Street, St. Hyacinthe
Danicourt, Thot, Esq. ....	84 - 4th Ave., Iberville
Donion Granit Works Co. Reg'd. ....	Beebe
Ducharme, J. Maurice .....	231 Notre Dame St., Victoriaville
Dugas, Joseph, Esq. ....	423 St-Charles Borromée N., Joliette
Electric Reduction Co. of Canada Ltd. ....	Buckingham
Emslie, John, & Son Reg'd. ....	Beebe Plain
Fortin, Dollard J., Esq. ....	St-David de Levis
Gignac, Joseph, Esq. ....	St-Alban Village
Godin & Delisle Enrg. ....	855 St. Valier West, Quebec
Gosselin, M. ....	12 Narcisse, Valleyfield
Goyette & Bisailon .....	Iberville
Houde & Frere Enrg .....	404 Notre Dame, Cap de la Madeleine
Jenne, E.H., Esq. ....	Sutton
Kipling, William .....	Rivertfield
Lussier, A., Enrg. ....	3290 Cadiljac St., Montreal
Monuments Funeraires de St-Samuel .....	St-Samuel
Paquin, Laurent, Esq. ....	1055 boul. des Forges, Trois Rivières
Parent, G.H., Esq. ....	349, rue Montigny, St-Jérôme
Provost, Emilian .....	1003 King E., Sherbrooke
Quebec Granite & Marble Reg'd. ....	1864 Darling, Montreal
Quinlan, Harold, Cut Stone Ltd. ....	Quinlan Ave., Ville La Sale
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-Martin, R.N., & Fils Enrg. ....	359-361 rue Maisonneuve, Hull
Theriault, J.L., & Fils Ltée .....	710 1 <sup>re</sup> Ave., Quebec.
Todoro & Bigras .....	6752 Sherbrooke St. E., Montreal
Villeneuve & Frère Enrg. ....	1055 De la Canardière, Québec
Vincent & Fils Enrg. ....	515 - 24th Ave., Lachine
<b>Ontario:</b>	
Ambroise Monuments .....	48 Alma St., Guelph
Ambroise, J.D., Esq. ....	263 Montreal Road, Eastview
Art Craft Monumental Works .....	215 Dell St., Sudbury
Associated Mineral Wool Co. Ltd. ....	Lakeshore Rd., Mimico
Bayview Memorial Co. ....	Willow Cove
B. & B. Stone Ltd. ....	145 Simpson St., Fort William
Brown, Geo., & Sons .....	475 Bronson Ave., Ottawa
Brown, R., & Son .....	376 Sparks St., Ottawa
Campbell, A.C., Esq. ....	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
Greber, Son & Company .....	1343 St. Clair Ave. W., Toronto
Central Granite & Marble Works .....	1283 Dundas St. W., Toronto



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## Directory of Firms in the Stone Products Industry, 1955 - Concluded

Name of company	Location of plant
<b>Ontario — concluded:</b>	
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
Excelsior Granite & Marble Works .....	163 Pitt St., Windsor
Fiberglas Canada, Limited .....	Sarnia
Geard Cut Stone .....	612 William St., London
Gypsum, Lime and Alabastine, Canada Limited .....	Caledonia
Hardwick, H.G., & Son .....	676 King St. W., Hamilton
Hargrave's Monument Works .....	Halileybury
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
Laing, George, Esq. ....	403 - 1st St. W., Cornwall
Laurin, J.P., Limited .....	213 York St., Ottawa
London Marble & Granite Co. Ltd. ....	493 Richmond St., London
Lo'ns Stone Works Ltd. ....	100 Everett St., Belleville
Luckett's Dressed Stone .....	Ulster and Leicester Ave., Islington
McIntyre Monument Co. ....	60 Danforth Ave., Toronto
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. ....	Marie St., Peterborough
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 Monument Company .....	33 Peter St. S., Orillia
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
Skeleton Memorials .....	Walkerton
Smith Monument Works .....	1543 Main St. E., Hamilton
Smith Monument Co. ....	349 Weston Road, Toronto
Spun Rock Wools Limited .....	65 Ormond St., Thorold
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
Tompkins Bros. Stone Works .....	161 Essa, Barrie
United Marble Co. ....	Rear 46 Shaftesbury Ave., Toronto
Wardell Monument Works .....	2706 Dundas St. W., Toronto
<b>Manitoba:</b>	
Brunet Monuments .....	405 Bertrand St., St. Boniface
Cox Memorials, W.H. ....	126 Main St., Neepawa
Delande, M.C. ....	927 Main St., Winnipeg
Gulnn & Simpson Company Limited .....	52 Tupper St. N., Portage la Prairie
Lo'ns 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
Somerville Marble & Granite Works .....	1417 Rosser Ave., Brandon
<b>Saskatchewan:</b>	
Best Monumental Co. c/o Regina Monument Co. Ltd. ....	S. Railway & Albert Sts., Regina
Molaro & Sons Corporation Limited .....	23rd St. and Pacific Ave., Saskatoon
Moose Jaw Marble & Granite Works Ltd. ....	706 Athabasca St. E., Moose Jaw
Yorktown Monumental Works .....	107 West Broadway, Yorkton
Young, Alex, Cut Stone Company .....	Scarth St. and 4th Ave., Regina
<b>Alberta:</b>	
Alberta Granite, Marble & Stone Co. Ltd. ....	10702 - 101st St., Edmonton
Gypsum, Lime & Alabastine, Canada Ltd. ....	30th Ave. and 17th St. E., Calgary
Maclean Granite Co. ....	Red Deer
McDonald Granite Co. Ltd. ....	2339 Second St. E., Calgary
Select Memorial Works .....	Rockyford
Somerville Calgary Monumental Co. ....	121 - 13th Ave. W., Calgary
<b>British Columbia:</b>	
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
Pacific Coast Granite Ltd. ....	609 East 18th Ave., Vancouver
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