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# THE STONE INDUSTRY

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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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- T — The Sand and Gravel Industry, 25¢
- U — The Stone Industry, 25¢
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# THE STONE INDUSTRY

## 1956

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 33,257,318 tons valued at \$48,809,918 in 1956. In the preceding year the tonnage was 30,512,920 and

the value was \$43,736,687. 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 2,431,455 tons valued at \$6,574,850. The sedimentary rocks included 29,105,977 tons of limestone valued at \$39,305,815; 56,768 tons of marble worth \$649,999; 1,578,534 tons of sandstone valued at \$1,992,492; 83,571 tons of shale valued at \$275,154 and 1,013 tons of slate worth \$11,608.

In 1956 there were 523 quarries operated by 445 firms. The average number of employees was 4,142 to whom \$13,513,965 were distributed as salaries and wages. Fuel cost \$1,455,100 and 69,303,893 kwh. of electricity were purchased for \$1,008,026. Process supplies cost \$3,945,537.

TABLE 1. Principal Statistics of the Stone Quarrying Industry, Significant Years, 1921-1956

Year	Establishments	Employees	Salaries and wages	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	2,896	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	871,056	826,824	7,159,177	5,661,297
1946 .....	486	2,720	3,970,404	834,824	858,774	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
1953 .....	488	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
1956 .....	523	4,142	13,513,965	2,463,126	3,945,537	48,809,918	42,401,255

<sup>1</sup>. Gross value less cost of process supplies, fuel and electricity.

TABLE 2. Principal Statistics of the Stone Quarrying Industry, by Provinces, 1955 and 1956

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 value of production
	No.	No.	\$	\$	\$	\$	\$
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	498,427	94,524	114,844	1,296,459	1,087,091
Quebec .....	153	2,066	6,027,229	1,165,546	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 .....	357	4,108	12,390,943	2,334,445	3,137,050	43,736,687	38,265,192
1956							
Newfoundland .....	8	108	336,345	40,158	29,898	604,094	534,040
Nova Scotia .....	21	109	295,775	66,762	160,995	955,647	727,690
New Brunswick .....	14	202	544,910	88,247	110,340	2,044,986	1,846,399
Quebec .....	142	1,906	5,603,457	1,145,340	1,749,697	18,959,950	16,064,913
Ontario .....	230	1,360	5,421,150	998,844	1,709,655	20,820,727	18,112,228
Manitoba .....	7	134	445,856	42,961	67,356	956,708	846,391
Saskatchewan .....	—	—	—	—	—	—	—
Alberta .....	8	3	2,047	1,836	374	343,166	340,956
British Columbia .....	93	318	864,423	78,980	117,222	4,124,640	3,928,438
Canada .....	523	4,142	13,513,965	2,463,126	3,945,537	48,809,918	42,401,255

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, 1955 and 1956

Province		Granite <sup>1</sup>	Limestone <sup>2</sup>	Marble	Sandstone	Shale	Slate	Total
1955								
Newfoundland .....	tons	628	333,354	—	—	—	—	333,982
	\$	4,710	590,945	—	—	—	—	525,312
Nova Scotia .....	tons	243,523	102,648	—	21,149	—	—	307,320
	\$	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	29,565	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	860	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
	\$	9,666,592	32,322,313	633,531	873,021	208,022	33,208	43,736,687
1956								
Newfoundland .....	tons	4,826	319,261	—	3,856	—	—	327,943
	\$	21,130	573,304	—	9,660	—	—	604,094
Nova Scotia .....	tons	275,784	109,142	—	24,026	—	—	408,952
	\$	639,882	211,765	—	104,000	—	—	955,647
New Brunswick .....	tons	722,552	502,232	1,500	902,825	—	—	2,129,109
	\$	869,146	633,575	22,000	520,265	—	—	2,044,986
Quebec .....	tons	366,008	10,448,278	21,090	281,815	35,672	343	11,153,206
	\$	3,184,330	14,793,410	360,513	589,966	31,443	288	18,959,950
Ontario .....	tons	445,072	15,207,534	34,178	47,880	—	—	15,734,664
	\$	1,132,614	18,941,565	287,486	479,062	—	—	20,820,727
Manitoba .....	tons	—	282,557	—	—	—	—	262,557
	\$	—	956,708	—	—	—	—	956,708
Alberta .....	tons	—	30,863	—	58	35,899	—	66,820
	\$	—	111,165	—	290	231,711	—	343,166
British Columbia .....	tons	617,213	2,226,110	—	318,074	12,000	670	3,174,067
	\$	727,748	3,084,323	—	289,249	12,000	11,320	4,124,640
Canada .....	tons	2,431,455	29,105,977	56,768	1,578,534	83,571	1,013	33,257,318
	\$	6,574,850	39,305,815	649,999	1,982,492	275,154	11,608	48,809,918

1. All igneous rocks included.

2. Includes dolomite, also marl for agricultural purposes.

Note: Not included in the above limestone statistics are 5,964,433 tons of limestone consumed in the Canadian cement industry in 1955 and 7,152,693 tons in 1956. Also, the limestone used in the Canadian lime industry is not included; it is estimated that approximately 2,274,211 tons of limestone were burned in the manufacture of lime in 1955 and 2,276,836 tons in 1956.

TABLE 4. Production (Sales)<sup>1</sup> From Canadian Quarries, by Provinces, Showing Purposes For Which Used,  
1955 and 1956

For use as follows	Newfoundland	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	8,453 755,751	— —	1,902 30,400
Monumental and ornamental stone:									
Rough .....	tons \$	— —	— 66,766	1,426 37,080	6,586 142,981	361 15,662	110 3,307	— —	915 27,900
Dressed .....	tons \$	— —	323 66,766	— —	4,964 790,937	174 61,655	— —	— —	30 6,000
Flagstone .....	tons \$	— —	— —	20 300	484 3,217	7,381 75,701	— —	— —	185 11,100
Curbstone .....	tons \$	— —	— —	— —	200 5,547	15 299	— —	— —	— 5,846
Paving blocks .....	tons \$	— —	— —	— —	202 1,474	— —	— —	— —	— 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 \$	— —	— —	— —	— —	117,415 140,170	— —	— —	81,333 78,183
Glass factories .....	tons \$	— —	— —	— —	2,000 6,632	— —	— —	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 \$	— —	— —	118 826	— —	8,787 10,267	— —	— —	— 11,093
Other chemical uses .....	tons \$	— —	— —	— —	270 1,080	63,101 64,830	— —	— —	— 63,371
Pulverized stone:									
Whiting (substitute) .....	tons \$	— —	— —	— —	11,764 141,169	— —	— —	— —	4,243 21,562
Asphalt filler .....	tons \$	19,000 38,000	1,909 12,201	4,342 16,868	7,708 39,780	3,217 8,000	7,257 30,478	5,618 15,642	49,051 160,969
Dusting coal mines .....	tons \$	— —	— —	— —	— —	— —	— —	712 3,499	318 2,226
Agricultural purposes and fertilizer plants .....	tons \$	4,055 24,288	43,613 107,500	50,482 175,726	261,427 562,717	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 \$	— —	— —	— —	7,679 30,713	8,891 57,726	— —	— —	— —
Roofing granules .....	tons \$	— —	— —	1,000 3,250	— —	87,382 114,431	— —	— —	1,144 22,397
Poultry grit .....	tons \$	— —	— —	— —	241 1,158	6,452 65,801	— —	583 2,509	3,614 64,100
Stucco dash .....	tons \$	— —	— —	— —	22 242	2,176 9,991	— —	— —	6,173 80,068
Terrazzo chips .....	tons \$	— —	— —	71 1,000	8,091 88,152	11,604 138,375	— —	— —	— 227,527
Rock wool .....	tons \$	— —	— —	— —	— —	3,269 3,791	— —	— —	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 \$	— —	— —	347,369 361,318	156,528 164,430	330,680 320,874	2,656 1,328	— —	12,672 2,231
Other uses .....	tons \$	— —	— —	— —	4,839,603 4,544,442	253,005 225,946	— —	8,995 17,244	1,364 10,480
Total .....	tons \$	333,982 595,635	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

<sup>1</sup>. 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,  
1955 and 1956 — Concluded

For use as follows	Newfoundland	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Alberta	British Columbia	Canada
1956									
Building stone:									
Rough tons	114	1,890	1,209	11,133	60,995	2,085	55	500	77,981
\$	513	26,656	16,674	147,562	551,054	19,523	1,244	15,000	778,226
Dressed tons	—	268	922	43,718	9,200	6,288	5	1,091	61,492
\$	—	48,313	76,200	3,210,674	251,836	529,065	221	35,000	4,151,309
Monumental and ornamental stone:									
Rough tons	—	—	1,338	8,908	50	—	—	700	8,996
\$	—	—	34,802	167,722	1,975	—	—	21,000	225,499
Dressed tons	—	299	—	5,282	436	—	—	—	6,023
\$	—	68,203	—	764,371	101,808	—	—	—	934,382
Flagstone tons	—	—	40	1,496	10,617	—	69	—	12,222
\$	—	—	500	25,459	161,473	—	620	—	188,052
Curbstone tons	—	—	—	5,767	4	—	—	—	5,771
\$	—	—	—	167,785	76	—	—	—	167,861
Paving blocks tons	—	—	—	—	253	—	—	—	253
\$	—	—	—	—	8,875	—	—	—	8,875
Chemical and metallurgical:									
Cement plants tons	—	—	—	—	—	—	—	207,891	207,891
\$	—	—	—	—	—	—	—	239,532	239,532
Lining open-hearth furnaces tons	—	—	—	—	68,406	1,515	—	—	69,921
\$	—	—	—	—	84,257	3,873	—	—	88,130
Flux in iron and steel furnaces tons	279,979	15,899	67	7,880	1,134,671	4,573	266	3,421	1,446,756
\$	419,968	39,748	201	15,101	1,385,291	12,457	1,000	6,066	1,879,832
Flux in non-ferrous smelters tons	—	—	—	—	110,916	—	—	109,579	220,495
\$	—	—	—	—	106,310	—	—	107,333	213,643
Glass factories tons	—	—	—	1,720	9,282	—	6,096	—	17,098
\$	—	—	—	6,020	16,244	—	23,190	—	45,454
Pulp and paper mills tons	35,859	6,443	172	145,798	100,593	10,019	—	134,956	433,840
\$	118,126	20,941	602	435,604	218,980	40,235	—	425,670	1,260,153
Sugar refineries tons	—	—	138	—	4,262	—	—	—	4,400
\$	—	—	966	—	7,661	—	—	—	8,637
Other chemical uses tons	—	—	—	—	66,476	—	—	—	66,476
\$	—	—	—	—	74,582	—	—	—	74,582
Pulverized stone:									
Whiting (substitute) tons	—	—	—	12,408	—	—	—	5,040	17,442
\$	—	—	—	148,890	—	—	—	25,230	174,120
Asphalt filler tons	—	25,000	1,703	10,841	6,420	2,230	8,461	6,552	61,207
\$	—	50,000	9,537	21,928	34,437	2,487	34,305	18,505	171,199
Dusting coal mines tons	—	—	—	—	—	—	890	250	1,140
\$	—	—	—	—	—	—	4,370	2,550	6,920
Agricultural purposes and fertilizer plants tons	2,970	40,306	46,413	299,895	43,787	2,228	13,724	27,183	476,506
\$	33,381	102,125	169,880	703,117	67,814	2,985	42,244	111,328	1,232,874
Other uses tons	—	—	—	17,923	114,670	2,727	500	—	135,820
\$	—	—	—	68,983	447,710	3,587	2,000	—	522,280
Crushed stone for manufacture of artificial stone tons	—	—	—	21,617	8,350	—	—	—	27,967
\$	—	—	—	40,827	33,120	—	—	—	73,947
Roofing granules tons	—	—	1,200	—	91,329	—	—	670	93,199
\$	—	—	3,900	—	124,378	—	—	11,320	139,598
Poultry grit tons	—	—	1,500	149	5,108	—	497	4,216	11,470
\$	—	—	22,000	535	53,561	—	1,921	79,322	157,339
Stucco dash tons	—	—	—	—	3,141	—	—	7,876	11,017
\$	—	—	—	—	27,513	—	—	108,286	135,799
Terrazzo chips tons	—	—	—	5,277	11,287	—	—	—	16,564
\$	—	—	—	64,398	161,256	—	—	—	225,654
Rock wool tons	—	—	—	616	17,838	—	—	—	18,454
\$	—	—	—	1,897	20,715	—	—	—	22,612
Rubble and riprap tons	—	22,026	59,929	358,881	266,204	13,111	400	618,437	1,338,988
\$	—	67,344	62,422	494,086	232,164	23,353	1,600	502,874	1,383,943
Crushed stone:									
Concrete aggregate tons	—	5,000	60,016	7,226,694	3,054,545	73,954	1,000	—	10,421,209
\$	—	10,250	136,637	9,139,266	3,866,925	120,156	5,000	—	13,280,234
Road metal tons	9,021	291,821	1,114,496	2,071,401	10,263,930	135,895	—	1,741,348	15,627,912
\$	32,106	522,067	699,605	2,357,816	12,516,189	195,632	—	2,119,377	18,442,792
Railroad ballast tons	—	—	839,966	218,861	218,707	7,872	—	23,750	1,309,156
\$	—	—	609,060	223,691	222,571	3,280	—	4,181	1,262,792
Other uses tons	—	—	—	678,935	55,187	60	34,857	280,607	1,049,644
\$	—	—	—	754,218	41,952	75	225,451	292,066	1,313,792
Total tons	327,943	408,952	2,129,109	11,153,206	15,734,664	262,557	66,820	3,174,067	33,257,318
\$	604,094	955,647	2,044,986	18,959,950	20,820,727	956,708	343,166	4,124,640	48,809,918
Per cent of total Quan.	0.99	1.23	6.40	33.54	47.31	0.79	.20	9.54	—
\$	1.24	1.96	4.19	38.84	42.66	1.96	.70	8.45	—

1. Includes the production of slate and marl.

TABLE 5. Production (Sales) of Stone From Canadian Quarries, by Kinds, Showing Purposes for Which Used, 1955 and 1956

For use as follows	Granite <sup>1</sup>	Limestone <sup>2</sup>	Marble	Sandstone	Shale	Slate	Total	
1955								
Building stone:								
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 96,600	1,798 130,772	—	61,575 4,349,999	
Monumental and ornamental stone:								
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	
Curbstone .....	tons \$	200 5,547	15 299	— —	— —	—	215 5,846	
Paving blocks .....	tons \$	202 1,474	— —	— —	— —	—	202 1,474	
Chemical and metallurgical:								
Cement plants .....	tons \$	— —	266,010 <sup>3</sup> 283,279	— —	— —	—	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	— —	—	198,748 216,353	
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	
Pulverized stone:								
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	
Dusting 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	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 \$	98,432 118,331	— —	— —	— —	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 55,898	198 2,233	— —	—	8,371 90,301	
Terrazzo chips .....	tons \$	— —	1,116 9,930	18,650 218,597	— —	—	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 2,628,355
Crushed stone:								
Concrete aggregate .....	tons \$	183,089 458,607	6,316,790 7,746,728	290 436	24,667 64,657	13,087 137,653	—	6,537,923 8,408,081
Road metal .....	tons \$	628,779 1,351,616	11,548,279 12,953,661	229 546	375,136 115,602	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
Total <sup>2</sup> .....	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

<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.<sup>3</sup> Includes stone shipped to foreign cement plants during 1950-1955 but not previously recorded.

TABLE 5. Production (Sales) of Stone From Canadian Quarries, by Kinds, Showing Purposes For Which Used,  
1955 and 1956 — Concluded

For use as follows	Granite <sup>1</sup>	Limestone <sup>2</sup>	Marble	Sandstone	Shale	Slate	Total
1956							
Building stone:							
Rough .....	tons 6,781	41,612	76	29,481	31	—	77,981
\$ 129,458	416,007	608	231,223	930	—	—	778,226
Dressed .....	tons 21,461	38,085	854	1,092	—	—	61,492
\$ 1,732,260	2,245,736	80,319	92,994	—	—	—	4,151,309
Monumental and ornamental stone:							
Rough .....	tons 8,988	—	8	—	—	—	8,996
\$ 224,699	—	800	—	—	—	—	225,499
Dressed .....	tons 5,841	12	170	—	—	—	6,023
\$ 869,882	4,500	60,000	—	—	—	—	934,382
Flagstone .....	tons 425	3,495	—	8,291	11	—	12,222
\$ 5,000	33,339	—	149,383	330	—	—	188,052
Curbstone .....	tons 5,767	4	—	—	—	—	5,771
\$ 167,785	76	—	—	—	—	—	167,861
Paving blocks .....	tons —	—	—	253	—	—	253
\$ —	—	—	8,875	—	—	—	8,875
Chemical and metallurgical:							
Cement plants .....	tons —	207,891 <sup>3</sup>	—	—	—	—	207,891
\$ —	239,532	—	—	—	—	—	239,532
Lining open-hearth furnaces .....	tons —	69,921	—	—	—	—	69,921
\$ —	88,130	—	—	—	—	—	88,130
Flux in iron and steel furnaces .....	tons —	1,446,473	—	283	—	—	1,446,756
\$ —	1,875,670	—	3,962	—	—	—	1,875,832
Flux in non-ferrous smelters .....	tons —	220,159	336	—	—	—	220,495
\$ —	211,715	1,928	—	—	—	—	213,643
Glass factories .....	tons —	17,098	—	—	—	—	17,098
\$ —	45,454	—	—	—	—	—	45,454
Pulp and paper mills .....	tons —	421,652	12,188	—	—	—	433,840
\$ —	1,224,996	35,162	—	—	—	—	1,260,158
Sugar refineries .....	tons —	4,400	—	—	—	—	4,400
\$ —	8,627	—	—	—	—	—	8,627
Other chemical uses .....	tons —	66,476	—	—	—	—	66,476
\$ —	74,582	—	—	—	—	—	74,582
Pulverized stone:							
Whiting (substitute) .....	tons —	5,040	12,408	—	—	—	17,443
\$ —	25,230	148,890	—	—	—	—	174,120
Asphalt filler .....	tons 27,054	33,252	901	—	—	—	61,207
\$ 63,005	105,491	2,703	—	—	—	—	171,199
Dusting coal mines .....	tons —	1,140	—	—	—	—	1,140
\$ —	6,920	—	—	—	—	—	6,920
Agricultural purposes .....	tons —	474,903	1,603	—	—	—	476,506
\$ —	1,229,300	3,574	—	—	—	—	1,232,874
Other uses .....	tons 907	131,855	3,000	—	58	135,820	
\$ 19,709	482,897	19,500	—	—	174	522,280	
Crushed, for artificial stone .....	tons —	20,898	5,245	1,824	—	—	27,967
\$ —	29,216	37,490	7,241	—	—	—	73,947
Roofing granules .....	tons 92,529	—	—	—	670	93,199	
\$ 128,278	—	—	—	—	11,320	139,598	
Poultry grit .....	tons 6,593	1,266	3,611	—	—	—	11,470
\$ 110,098	8,347	38,894	—	—	—	—	157,339
Stucco dash .....	tons 5,904	4,713	400	—	—	—	11,017
\$ 83,904	48,695	3,200	—	—	—	—	135,799
Terrazzo chips .....	tons —	1,296	15,268	—	—	—	16,564
\$ —	11,173	214,481	—	—	—	—	225,654
Rock wool .....	tons —	16,638	—	1,818	—	—	18,454
\$ —	12,915	—	9,897	—	—	—	22,812
Rubble and riprap .....	tons 645,034	806,755	—	51,242	35,672	285	1,338,988
\$ 579,236	596,090	—	176,960	31,443	—	114	1,383,843
Crushed stone:							
Concrete aggregate .....	tons 149,857	10,081,389	—	188,963	1,000	—	10,421,209
\$ 301,079	12,828,014	—	346,141	5,000	—	—	13,280,234
Road metal .....	tons 792,334	13,835,818	—	987,960	12,000	—	15,627,912
\$ 1,565,365	16,233,750	—	631,677	12,000	—	—	18,442,792
Railroad ballast .....	tons 476,328	809,078	—	23,750	—	—	1,309,156
\$ 465,016	793,586	—	4,181	—	—	—	1,262,783
Other uses .....	tons 185,652	544,858	700	283,579	34,857	—	1,049,646
\$ 130,076	625,627	2,450	330,158	225,451	—	—	1,313,742
<b>Total<sup>2</sup></b> .....	<b>tons 2,431,455</b>	<b>29,103,977</b>	<b>56,768</b>	<b>1,578,534</b>	<b>83,571</b>	<b>1,013</b>	<b>33,257,318</b>
	<b>\$ 6,574,850</b>	<b>39,305,815</b>	<b>649,999</b>	<b>1,992,492</b>	<b>275,154</b>	<b>11,608</b>	<b>48,809,918</b>

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.

TABLE 6. Production of Stone For Various Uses, 1947-1956

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
1947	102,841 \$ 2,098,865	1,204,601 1,746,172	3,178,063 3,336,871	4,177,636 4,007,730	898,612 774,878	3,100,829 —	1,730,819 —
1948	80,113 \$ 2,296,320	975,661 1,452,611	2,997,809 3,116,424	4,568,701 4,558,882	978,325 974,371	3,528,324 —	1,792,700 —
1949	89,702 \$ 2,439,600	1,330,110 2,060,085	3,541,542 3,607,349	5,119,559 5,305,286	777,584 737,237	4,061,607 —	1,739,508 —
1950	118,840 \$ 3,266,937	1,335,969 2,174,308	6,203,220 6,550,042	7,232,983 7,705,133	508,446 458,146	4,198,641 —	1,928,127 —
1951	124,185 \$ 4,575,321	1,532,692 2,623,611	5,610,456 6,416,332	8,069,481 8,105,952	912,893 996,161	4,333,582 —	2,164,298 —
1952	109,205 \$ 4,229,790	1,734,812 3,049,623	6,110,081 8,335,878	6,872,963 7,912,210	1,075,330 1,225,611	4,656,613 —	2,131,563 —
1953	118,233 \$ 4,370,095	1,892,405 2,983,924	6,918,351 8,103,289	7,947,901 8,663,413	904,342 907,313	5,579,987 —	2,163,427 —
1954	134,718 \$ 5,071,852	1,695,336 2,951,655	6,420,930 7,518,726	10,018,259 10,468,500	695,632 748,095	5,843,283 —	2,154,987 —
1955	137,664 \$ 5,103,812	2,352,565 3,605,263	6,537,923 8,408,081	12,561,077 14,430,025	849,905 850,181	6,036,032 —	2,274,211 —
1956	139,473 \$ 4,929,535	2,396,956 3,721,828	10,421,209 13,280,234	15,627,912 18,442,792	1,309,156 1,262,783	7,403,334 —	2,276,836 —

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

2. Includes shale. In 1954 the shale used totalled 277,085 tons, in 1955, 71,599 tons, and in 1956, 250,641 tons.

TABLE 7. Imports and Exports of Stone, by Kinds, 1955 and 1956

		1955		1956	
		Quantity	Value	Quantity	Value
<b>Imports</b>					
Building stone, n.o.p.	cwt.	693,428	\$ 639,183	546,034	\$ 596,343
Curling stones and handles therefor	pairs	3,822	123,603	3,545	138,954
Granite, rough, not hammered or chiselled	—	—	237,713	—	253,344
Granite, sawn only	—	—	84,140	—	102,812
Granite, manufactures of, n.o.p.	—	—	339,935	—	299,395
Marble, rough, not hammered or chiselled	—	—	122,108	—	129,910
Marble, sawn or sand rubbed, not polished	—	—	366,860	—	384,001
Marble, not further manufactured than sawn, for tombstones	—	—	44,440	—	41,836
Marble for churches	—	—	123,213	—	76,000
Marble, manufactures of, n.o.p.	—	—	69,727	—	114,000
Refuse stone	tons	445	2,540	909	11,966
Slate roofing	squares	1,468	46,585	1,967	41,552
Slate mantels and manufactures of slate, n.o.p.	—	—	31,691	—	57,021
Chalk, china, cornwall or cliff stone and mica schist	—	—	2,851	—	9,011
Mineral wool	tons	778	187,657	1,400	357,711
Whiting, gliders' whiting and Paris white	"	11,905	297,879	11,356	275,914
Manufactures of stone, n.o.p.	—	—	39,630	—	35,124
Chalk, prepared	—	—	4,024	—	5,829
Pumice and pumice stone and lava tufa	—	—	214,358	—	242,656
Grindstones, not mounted and not less than 36 inches in diameter	No.	196	18,790	250	24,620
Grindstones, n.o.p.	"	2,084	12,533	2,080	7,544
Burrstones, rough, in blocks	"	20	750	20	731
Ganister	cwt.	9,116	8,163	11,248	6,572
Roofing granules	tons	119,290	2,171,234	100,918	1,961,971
Stone, crushed	"	927,180	969,805	1,062,329	1,162,900
<b>Total</b>	—	—	<b>6,159,412</b>	—	<b>6,337,717</b>
<b>Exports</b>					
Building stone, unwrought	tons	279	9,420	475	16,404
Crushed stone	"	7,440	11,475	21,724	49,291
Granite and marble, unwrought	"	6,019	92,796	10,544	217,196
Dressed stone of all kinds	—	—	21,161	—	112,599
Grindstones, manufactured	—	—	45,039	—	92,642
<b>Total</b>	—	—	<b>179,891</b>	—	<b>488,132</b>

TABLE 8. Employees and Their Earnings in the Stone Quarrying Industry, 1952-1956

Year	Number of employees						Number of man-hours worked (all employees)	Earnings		
	Office and administrative		Workmen		Total	Office and administrative		Workmen	Total	
	Male	Female	Male	Female						
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	
1956 .....	355	36	3,747	4	4,142	10,019,340	1,508,558	12,005,407	13,513,965	

TABLE 9. Workmen in the Stone Quarrying Industry, by Months, 1955 and 1956

Month	1955				Total	1956				Total		
	Quarry		Dressing works			Male	Female	Quarry				
	Male	Female	Male	Female				Male	Female			
Number												
January .....	1,752	2	657	—	2,411	1,779	2	674	—	2,455		
February .....	1,676	2	675	—	2,353	1,680	2	678	—	2,360		
March .....	1,916	2	697	—	2,615	1,760	2	707	—	2,469		
April .....	2,496	4	828	—	3,328	2,443	4	848	—	3,395		
May .....	3,326	5	973	1	4,305	3,250	4	982	—	4,245		
June .....	3,557	6	1,011	1	4,575	3,455	4	1,062	—	4,521		
July .....	3,638	6	1,078	1	4,723	3,575	4	1,076	—	4,655		
August .....	3,655	5	1,119	1	4,780	3,566	4	1,093	—	4,683		
September .....	3,395	5	1,146	1	4,547	3,545	4	1,067	—	4,615		
October .....	3,114	5	1,119	—	4,238	3,279	4	1,029	—	4,312		
November .....	2,596	4	1,086	—	3,686	2,901	4	1,003	—	3,908		
December .....	2,195	3	934	—	3,132	2,262	2	919	—	3,183		
Average .....	2,756	6	946	1	3,709	2,816	4	931	—	3,751		
Number of man-hours worked during year .....					9,196,252					9,114,894		

## 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 1956 the quantity of granite shipped was considerably less than in the preceding year. The 1955 figure included granite used in 1954 and 1953 to build the Canso causeway in Nova Scotia.

TABLE 10. Production of Granite<sup>1</sup>, 1947-1956

Year	Short tons	\$	Year	Short tons	\$
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	13,041,939
1950 .....	2,071,052	4,971,144	1955 .....	5,618,940	9,666,722
1951 .....	1,950,564	6,014,121	1956 .....	2,431,455	6,574,840

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>, 1947-1956

Year	Marl <sup>2</sup>	Limestone, dolomite and marl	Value	Year	Marl <sup>2</sup>	Limestone, dolomite and marl	Value
	tons	tons	\$		tons	tons	\$
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	25,144,026
1950 .....	48,918	12,267,432	15,964,617	1955 .....	60,611	24,107,571	32,322,313
1951 .....	37,799	15,531,948	20,901,704	1956 .....	95,437	29,105,977	39,305,815

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, 1947-1956

Year	Short tons	\$	Year	Short tons	\$
1947 .....	45,574	326,605	1952 .....	57,637	524,783
1948 .....	68,347	526,529	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
1951 .....	63,982	492,820	1956 .....	56,768	649,999

**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, and the prairies.

The greater part of the crude output in 1956 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, 1947-1956

Year	Short tons	\$	Year	Short tons	\$
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
1951.....	1,124,551	1,173,665	1956 .....	1,578,534	1,992,492

**SHALE**

During 1956 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 83,571 tons valued at \$275,154 in 1956 compared with 98,642 tons valued at \$208,022 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, 1947-1956

Year	Short tons	\$	Year	Short tons	\$
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	30,883
1950.....	8,331	105,035	1955 .....	1,640	33,208
1951.....	5,661	67,458	1956 .....	1,013	11,608

TABLE 15. Fuel and Electricity used in the Stone Quarrying Industry, 1956

Kind		Quantity	Cost at plant
Bituminous coal (a) From Canadian mines .....	short ton	2,642	\$ 40,489
(b) Imported .....	"	1,288	21,540
Sub-bituminous coal (from Alberta mines only) .....	"	—	—
Anthracite coal .....	"	97	1,536
Lignite coal .....	"	—	—
Coke (for fuel only) .....	Imp. gal.	608	9,549
Gasoline, (includes gasoline used in cars and trucks) .....	Imp. gal.	2,161,206	775,951
Kerosene or coal oil .....	"	5,222	1,892
Fuel oil .....	"	2,805,053	596,815
Wood (cords of 128 cubic feet of piled wood) .....	cord	448	3,621
Gas (a) Liquefied petroleum gases (propane, etc.) .....	Imp. gal.	816	698
(b) Other manufactured gas .....	M cu. ft.	7,580	246
(c) Natural gas .....	"	7,962	2,763
Other fuel .....	k.w.h.	69,303,893	1,008,026
Electricity purchased for power and lighting .....	"	—	—
Electricity purchased for other purposes .....	k.w.h.	1,666,065	—
<b>Total</b> .....			<b>2,463,126</b>
Electricity generated (a) For own use .....			—
(b) For sale .....			—

## 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 - 1956

Name	Head office address	Location
<b>GRANITE</b>		
<b>Newfoundland:</b>		
Newfoundland Department of Highways .....	St. John's .....	Various
Royle Excavating Co. Ltd. .....	460 Water St. St. John's .....	St. John's
<b>Nova Scotia:</b>		
Dauphinee, W.T. <sup>1</sup> .....	Box 68, Shelburne .....	Birchtown
Gehues' Granite Works <sup>1</sup> .....	Lawrencetown Annapolis Co. .....	Lawrencetown
Municipal Spraying & Contracting Ltd. .....	P.O. Box 624, Halifax .....	Bedford
Nixon Granite Works .....	R.R. #3, Middleton .....	Nictaux West
Nova Scotia Department of Highways .....	Halifax .....	Various
Scott, T.W., and Co. <sup>2</sup> .....	Box 336, Middleton .....	Nictaux West
<b>New Brunswick:</b>		
Atlas Construction Co. Ltd. .....	4781 St. Catherine St. W., Montreal, Quebec .....	Green Point
F.E. Frenette .....	Jacquet River .....	Jacquet River
Moncton Crushed Stone Co. .....	Box 595, Moncton .....	Westmorland Co.
Stults Monument Works <sup>2</sup> .....	Box 877, Saint John .....	Hampstead
<b>Quebec:</b>		
Adru Granite Inc. <sup>1</sup> .....	P.O. Box 83, Montreal .....	Beebe
Atlas Construction Co. Ltd. .....	4781 Ste. Catharine St. W. Montreal .....	Maniconagan
Atlas Granite Co. Ltd. .....	2548 Blvd. Pie IX, Montreal .....	Guenette
Beebe Granite Works <sup>1</sup> .....	C.P. 10, Beebe .....	Beebe

1. Firms operating dressing works in conjunction with quarry.

2. Did not ship in 1956.

## List of Firms in the Stone Quarrying Industry - 1956 - Continued

Name	Head office address	Location
<b>GRANITE - concluded</b>		
<b>Quebec - concluded:</b>		
Belanger Philippe .....	601 Rue Principale Ste. Flore .....	Shawinigan Falls Est.
Bianchi Trio .....	P.O. Box 220, Borre, Vermont U.S.A. ....	Guenette
Bolduc, Antonio <sup>2</sup> .....	St-Sébastien .....	Ste-Cécile
Bouchard T. Albert .....	143 Rue Olivier Cowansville .....	Lac Roche
Brodies' Limited <sup>1</sup> .....	Box 670, Iberville .....	Stanstead, Guenette and Mount Johnson
Bussière and Frère Engr. <sup>1</sup> .....	St-Sébastien .....	St-Sébastien
Canada Black Granite Co. Ltd. ....	316 Latulippe St. W., Rouyn .....	Beaudry
Carrière Shawinigan Limitée .....	Shawinigan Falls .....	Pont Drew
Constructions du St. Laurent Ltée, Les .....	Villeneuve, C.P. 6 .....	Canton Letellier
Deschambault Quarry Corp. <sup>1</sup> .....	3444 Blvd. St-Joseph, Montreal 36 .....	St-Gérard
Dumas and Voyer <sup>2</sup> .....	Rivière-à-Pierre .....	Rivière-à-Pierre
Gaboriault and Nevers Reg'd. <sup>1</sup> .....	Box 65, Grenville .....	Grenville
Gingras and Frère Ltée <sup>1</sup> .....	1010 Dominion Sq. Bldg., Montreal .....	Stanhope
Granit National Ltée Le <sup>1</sup> .....	7 rue Collard, Lac St. Jean .....	St-Gédéon
Grenier, Elie .....	Ave de la Montagne, Shawinigan Nord .....	St. Maurice
Hydro Québec .....	107, rue Craig O., Montréal .....	Lac St. Anne
Laforme, Noé <sup>2</sup> .....	Ste-Flore .....	Ste-Flore
Laroche, Omer .....	Rivière-à-Pierre .....	Rivière-à-Pierre
Laurentian Granite Co. Ltd. ....	Lac des Écorces .....	Lac des Écorces
Lavoie, P. ....	Notre Dame d'Hébertville .....	Notre Dame d'Hébertville
Marvel Granite Reg'd. ....	St. Basile .....	St. Basile
Matte, A. ....	St-Basile Centre .....	St-Basile
Messier, L. ....	13 rue St. Joseph, Iberville .....	Iberville
Moresau, P. <sup>1</sup> ....	Iberville Station .....	Hebertville Station
Parent, G.H. ....	St-Jérôme .....	St-Jérôme
Perron, A. ....	Rivière-à-Pierre .....	Portneuf Co.
Poisson, M. ....	Guenette .....	Guenette
Quebec Iron and Titanium Corporation .....	P.O.B. 40 Sorel .....	Parker Township
Quebec North Shore and Labrador Railway Co. ....	Seven Islands .....	Saguenay Co.
The St. Lawrence Seaway Authority .....	685 Cathcart St. Montreal .....	Seaway Channel, St. Lambert
St. Samuel Granite <sup>1</sup> .....	St. Samuel Station .....	St. Samuel Station
Scotstown Granite Co. Ltd. <sup>1</sup> .....	Sub. P.O. Pont Vieu, Montreal 9 .....	Cap St. Martin
Silver Granite Industries Ltd. <sup>1</sup> .....	2251, rue Delormier, Montréal .....	St. Samuel
Stanstead Granite Quarries Company Limited <sup>2</sup> .....	Beebe .....	Graniteville
Suzor, O. <sup>2</sup> .....	Pont Rouge .....	Pont Rouge
White Diamond Granite Co. Ltée <sup>1</sup> .....	1055 boul. des Forges, Trois-Rivières .....	Walc and Guenette Counties
<b>Ontario:</b>		
Armstrong Bros. Co. Ltd. ....	Box 396, Brampton Ont. ....	Markham
Building Products Ltd. ....	P.O. Box 6063, Montreal, Quebec .....	Havelock and Madoc
International Ceramic Mining Ltd. ....	577 Eglinton Ave. W., Toronto .....	Melissa
Mill Lake Stone Quarry .....	36 Burrill St. Parry Sound .....	McDougall Tp.
Parton, Alfred .....	158 William St. Parry Sound .....	McDougall Tp.
Scotstown Granite Co. Ltd. <sup>1</sup> ....	Sub. P.O. Pont Vieu, Montreal .....	Vermilion Bay
Verona Rock Products Ltd. ....	Verona .....	Verona
<b>Manitoba:</b>		
Manitoba Department of Highways <sup>2</sup> .....	Winnipeg .....	Various
Winnipeg Marble Co. Ltd. <sup>1</sup> .....	1180 Wall St., Winnipeg .....	West Hawk Lake
<b>British Columbia:</b>		
B.C. Monumental Works Ltd. <sup>2</sup> .....	3096 Main St., Vancouver .....	Granite Island
Canadian National Railways .....	Montreal, Quebec .....	Yale, Clearwater Skeena, Tete Jaune and Ashcroft
Chilliwack Dyking District Board .....	P.O. Box 270, Chilliwack .....	Chilliwack
Gilley Bros. Ltd. ....	902 Columbia St., New Westminster .....	New Westminster
Gilpin Construction Co. Ltd. <sup>2</sup> .....	119 W. Pender St., Vancouver .....	Burrard
Indian River Quarries Ltd. (formerly Coast Quarries Ltd.) .....	1255 W. Pender St., Vancouver .....	Granite Falls
McDonald, J.A. and C.H., Limited <sup>1</sup> .....	1571 Main St., Vancouver .....	Sointula
Pacific Silica Limited .....	397, Oliver .....	Osoyoos
Stucco Supply Co. ....	937 Main St., Vancouver .....	Oliver
Trail, City of .....	1394 Pine Ave., Trail .....	Trail
Valley Granite Products .....	410 Mayfair Ave., Chilliwack .....	Cheam View
Vancouver Granite Co. Ltd. <sup>1</sup> .....	744 Hastings St. W., Vancouver .....	Nelson Island
<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
North Star Cement Ltd. ....	P.O. Box 160, Corner Brook .....	Corner Brook East
<b>Nova Scotia:</b>		
Cook, Bruce .....	R.R. #1, Hubbards .....	East River Point
Grant, G.W. ....	Milford Station .....	Admiral Rock
Mersey Paper Co. Ltd. <sup>2</sup> .....	Liverpool .....	East River Point
Mosher Limestone Co. Ltd. ....	Upper Musquodoboit .....	Upper Musquodoboit
Nova Scotia Department of Highways .....	Halifax .....	Various

1. Firms operating dressing works in conjunction with quarry.  
 2. Did not ship in 1956.

## List of Firms in the Stone Quarrying Industry — 1956 — Continued

Name	Head office address	Location
<b>LIMESTONE — continued</b>		
<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 490, Station B, Montreal, Quebec .....	Havelock
Elm Tree Limestone Co-Operative Ltd. ....	Petit Rocher Nord .....	Petit Rocher Nord
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 .....	Wakefield
Amendements Caïcaires de Rivière-Bleue Enrg., (Les) .....	Rivière-Bleue .....	Rivière-Bleue
Archambault Cut Stone Co. Ltd. <sup>1</sup> .....	Bélanger Village .....	Bélanger Village
Back River Quarries Ltd. ....	680, boul. Labelle, l'Abord à Plouffe .....	Cap St-Martin
Beaudry, Pitro Enrg. ....	133 Taché St., Joliette .....	Joliette
Bédard, Jean, Ltée .....	480 Lafleur Ave., La Salle .....	Caughnawaga
Boucher, Louis .....	Percé .....	Percé
Canada Cement Co. Ltd. ....	P.O. Box 290, Station "B", Montreal .....	Hull & Montreal East
Carrière Andorno <sup>1</sup> .....	Cap St-Martin .....	Cap St-Martin
Carrière Bernier Enrg. ....	R.R. 2, St-Jean .....	Rang du Petit-Bernier
Carrière du Cap St-Martin Enrg. <sup>1</sup> .....	Cap St-Martin .....	Cap St-Martin
Carrière Gouin Limitée .....	132 boul. Normand, Trois-Rivières .....	St. Marc des Carrières
Carrières Lagace Ltée <sup>1</sup> .....	680 boul. Labelle L'Abord A Plouffe .....	St-Martin
Carrière Montreal-Est Ltée .....	1175 St-Léonard, Port Maurice .....	Port Maurice
Carrière Pointe Claire Inc. ....	3125 Montée St-Charles, Ste-Genevieve .....	Pointe Claire
Carrière de St-Barthélémy Ltée <sup>1</sup> .....	St-Barthélémy .....	St-Barthélémy
Carrières de St-Dominique Ltée, (Les) .....	St-Dominique .....	St-Dominique
Carrière St-Maurice Inc. ....	135 Blvd. Normand, Trois-Rivières .....	St-Louis de France
Charbonneau, Lucien .....	13 Chapleau Terrebonne .....	St-Francois de Sales
Chaux Agricole Inc. ....	705 Rue Ste. Anne .....	St-Dominique
Cie de Pierre de Taille Martineau Ltée, La <sup>1</sup> .....	Pont Vieu .....	Pont Vieu
Cement Québec, Inc. ....	St. Basile, Cte Portneuf .....	St. Basile
Deschaumbault Quarry, Corporation .....	3444 est Blvd., St. Joseph, Montreal 36 .....	St. Marc des Carrières
Dominion Lime Ltd. ....	Lime Ridge .....	Lime Ridge
Enreprises de l'Est Ltée .....	Québec 80 Rue St. Pierre .....	Îles de la Madeleine
Faubert, A. ....	717 Bord du lac Ville de Lery .....	Chateauguay
Fuger and Smith Ltd. ....	78 Victoria Ave., Pointe Claire .....	Pointe Claire
Gagnon and Fils .....	St-Joachim .....	St-Joachim
Gagnon, Rosaire .....	Roberval .....	Roberval
Gauthier, Jos. O., Ltée <sup>1</sup> .....	St-Marc des Carrières .....	St-Marc des Carrières
Gingras and Frère Ltée <sup>1</sup> .....	St-Marc des Carrières .....	St-Marc des Carrières
Lamothé, Napoléon <sup>1</sup> .....	Pont Rouge .....	Pont Rouge
Langlois, A. ....	St-Marc des Carrières .....	St-Marc des Carrières
Leclerc, J.J., and Fils Ltée .....	Drapeau .....	Drapeau
Ministère de la Voie .....	Québec .....	Cap-à-l'Aigle
Miron Quarry Ltd. ....	2201, Chemin St-Michel, Montréal .....	Montréal
Montreal Cut Stone Ltd. <sup>1</sup> .....	Montée Masson de St. Francois .....	St-François de Sales
Montreal Quarry Ltd. ....	2020, ave Union, Montreal .....	St-Michel
National Quarries Ltd. ....	P.O. Box 2000 Rosemount .....	Côte St-Michel
Normand, J.P.A. Inc. ....	L'Islet .....	Grosse île
Paquin, M. ....	St-Marc des Carrières .....	St-Marc des Carrières
Penitencier St. Vincent de Paul <sup>1</sup> .....	160 St. François, St. Vincent de Paul .....	Rong St. François
Plourde & Plourde Limitée .....	18 Blvd. Lamarche Chicoutimi .....	St. Honore
Port Daniel Quarry Reg'd. ....	Port Daniel Est .....	Gascons Ouest
Poulin, A. ....	3 Rue Royale, St. Férel .....	St-Férel
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. ....	750 Côte Vertu Ville St-Laurent .....	St. Laurent
Shawinigan Chemicals Ltd. ....	600 Dorchester St. W., Montreal .....	Bedford
Standard Lime Co. Ltd. ....	Box 98, Station F., Toronto 5, Ontario .....	St. Mars de Carrières
Tanguay, J. ....	Ste-Justine .....	Ste-Justine
Trappe de N.D. de Mistassini, La .....	Village des Pères .....	Mistassini
Unicapa Inc. ....	1419 Des Gouverneurs, Sillery .....	Acton Vale
Union des Carrières and Payages Ltée .....	496 — 21ème ave. Québec .....	Charlesbourg
Union Construction Limitée <sup>1</sup> .....	24 Montcalm 57, Iberville .....	St-Jean
United Stone Products Ltd. <sup>1</sup> .....	Ste-Genevieve de Pierrefonds .....	Ste-Genevieve de Pierrefonds
Vaudry, J. and E. ....	Cap St-Martin .....	Cap St. Martin
Verreault, Elzéar, Ltée .....	253, du Pont, Québec .....	Gifford
Viau, Paul .....	340, boul. du Havre, Valleyfield .....	Valleyfield
<b>Ontario:</b>		
Armstrong Bros. Company Limited .....	Box 396, Brampton .....	Vinemount and Marmora
Bertrand and Frère Cons. Co. Ltd. ....	Prescott, Ontario .....	Prescott, Ontario
Brockville Crushed Stone Limited <sup>1</sup> .....	23 John St., Brockville .....	Elizabethtown
Brunner Mond Canada Ltd. ....	Amherstburg .....	Amherstburg
Campbell, George, Co. ....	Box 119, Fort Erie .....	Bertie Tp.
Canada Cement Co. Ltd. ....	P.O. Box 490, Station "B", Montreal, Quebec .....	Woodstock
Canada Crushed and Cut Stone Ltd. ....	605 James St. N., Hamilton .....	Dundas and Hagersville
Canadian Dolomite Company .....	Portage du Fort, Quebec .....	Ross Tp.
Canadian Dredge & Dock Co. Ltd. ....	302 Harbour Commission Bldg., Toronto .....	Johnstown
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 70, Beachville .....	Beachville
Cobo Minerals Ltd. <sup>2</sup> .....	147 Farnham Ave., Toronto .....	Coboconk
Cook, J.S., Stone Quarries <sup>1</sup> .....	Warton .....	Bruce Co.
Cope, A., and Sons Ltd. ....	19 Albert St., Hamilton .....	Saltfleet Tp.
Curran and Briggs Limited <sup>2</sup> .....	61 Haverson Blvd., Toronto .....	Cooksville

1. Firms operating dressing works in conjunction with quarry.  
 2. Did not ship in 1956.

## List of Firms in the Stone Quarrying Industry - 1956 - Continued

Name	Head office address	Location
<b>LIMESTONE - concluded</b>		
<b>Ontario - concluded:</b>		
Dibblee Construction Co. Limited .....	384 Bank St., Ottawa .....	Bowesville
Dunville Rock Products .....	Box 536 Dunnville .....	Dunn Tp.
Ebel, Building of Stone .....	Wiarton .....	Wiarton
Frazer-Duntile Co. Ltd. ....	130 Sparks St., Ottawa .....	Nepean Tp.
Frontenac Quarries Ltd. ....	235 Wellington St., Kingston .....	Kingston
Fulton J.L. ....	247 Toke St., Timmins .....	Haileybury
Grandmaitre, D., Ltd. ....	131 Montreal Rd., Eastview .....	Montreal Rd.
Gray, J., and Sons .....	Carlisle .....	Flamboro Tp.
Gypsum, Lime and Alabastine, Canada Ltd. ....	Box 98, Station F., Toronto 5 .....	Beachville Hespeler and Milton
Hagersville Quarries Ltd. ....	2700 Dufferin St., Toronto 10 .....	Hagersville
Haidimand Quarries and Construction Ltd. ....	2461 Bloor W., Toronto .....	Hagersville
Iroquois Rock Co. Reg'd. ....	P.O. Box 216 Kingston .....	Matilda, Tp.
Jamieson Lime Co. ....	110 Hall Ave., Renfrew .....	Horton Tp.
Kingston Penitentiary .....	Box 22, Kingston .....	Kingston
Kirkfield Crushed Stone Ltd. ....	2700 Dufferin St., Toronto .....	Kirkfield
Lake Ontario Portland Cement Co. Ltd. ....	P.O. Box 620 Picton .....	Picton
Laurentian Stone Co. Ltd., The .....	82 Cremazie St., Hull .....	Quarries
Law, R.E., Crushed Stone Ltd. ....	Port Colborne .....	Port Colborne
Limestone Products Ltd. ....	1109 Millwood Rd., Toronto 17 .....	Orillia Tp.
McGinnis and O'Conner Limited .....	394 King St. E., Kingston .....	Barriefield
Nelson Crushed Stone Ltd. ....	Box 410, Oakville .....	Mount Nemo
Niagara Crushed Stone (Humberstone) Ltd. ....	Box 222, Port Colborne .....	Humberstone Tp.
Niagara Quarries and Cut Stone Ltd. ....	Frid St. Hamilton .....	Thorold
North American Cyanamid Ltd. ....	Niagara Falls .....	Ingersoll
Ottawa Valley Crushed Stone Limited .....	Box 490, Station "B", Montreal, Quebec .....	Eastview
Parisen, Fernand .....	Alfred .....	Alfred
C.A. Pitts General Contractor Ltd. ....	30 Commercial Rd., Toronto 17 .....	Cornwall Centre
Queenston Quarries Ltd. <sup>1</sup> ....	605 James St. N., Hamilton .....	Niagara Falls
Ridgemont Quarries .....	Box 75, Stevensville .....	Bertie Tp.
Rieger Bros. Construction Ltd. ....	Scudder P.O. ....	Pelee Island
Robindale Quarries Limited .....	Talbot St., Picton .....	Robindale
Sampson, J. ....	20 Market St., Kingston .....	Kingston
Sauve, and Galipeau .....	Forbes .....	Forbes
Savigny, R., Quarries Limited .....	P.O. Box 70, Vineland .....	Clinton Tp.
Storey C.L. ....	R.R. 2, Bath .....	Napanee
Verona Rock Products Ltd. ....	Verona .....	Verona
Walker Bros. Quarries .....	P.O. Box 699 Thorold .....	Stamford Tp.
Welland Canals .....	32 St. Paul Crescent, St. Catharines .....	Haldimand Co.
<b>Manitoba:</b>		
Building Products and Coal Co. Ltd. ....	111 Christie St., Winnipeg .....	Inwood
Garson Quarries Ltd. <sup>1</sup> ....	West Kildonan .....	Garson
Gillis Quarries Ltd. <sup>1</sup> ....	134 Spruce St., Winnipeg .....	Garson
Tyndall Quarry Co. Ltd. <sup>1</sup> ....	1591 Erin St., Winnipeg .....	Tyndall
Winnipeg, City of .....	225 James Ave., Winnipeg .....	Stony Mountain
Winnipeg Supply and Fuel Co. Ltd. ....	384 Portage Ave., Winnipeg 1 .....	Moosehorn and Stonewall
<b>Alberta:</b>		
The Canmore Mines, Limited .....	P.O. Box 107, Canmore .....	Cascade
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>		
Bart, A.E. ....	247 First Ave E., Prince Rupert .....	Prince Rupert
British Columbia 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
Cobble Hill Lime Products <sup>1</sup> ....	P.O. Box 25, Cobble Hill .....	Cobble Hill
Consolidated Mining and Smelting Co. of Canada, Ltd. ....	Trail .....	Fife
Erickson, N. ....	Jeune Landing .....	Quatsino
Fraser Valley Lime Supplies .....	693 - 17th Ave., New Westminster .....	Popkum
Gypsum, Lime & Alabastine Canada Ltd. ....	Box 98, Station F., Toronto 5, Ontario .....	Blubber Bay
Koeye Limestone Co. Ltd. ....	Namu .....	Skenna
McKay, D. and A. ....	Van Anda .....	Van Anda
<b>MARBLE</b>		
<b>New Brunswick:</b>		
York Marble Aggregates Co. Ltd. ....	404 Queen St., Fredericton .....	Millville
<b>Quebec:</b>		
Delbo Inc. ....	Bonsecours (Shefford) .....	North Stukely
Industrial Fillers Ltd. ....	4820 - 4th Ave., Montreal .....	St. Armand
Mab Limitee .....	St. Georges Est. ....	Riviere Callway
Messier Marcelein .....	St. Armand W. ....	St. Armand
Missisquoi Stone and Marble Co. Ltd. <sup>1</sup> ....	Philipsburg .....	Philipsburg
Moreau, M.F. <sup>2</sup> ....	Sainte Thécle .....	Sainte Thécle
Orford Marble Co. Ltd. ....	St. Leonard of Port Maurice .....	Bonsecours
South Stukely Marble and Terrazzo <sup>1, 2</sup> ....	South Stukely .....	South Stukely

1. Firms operating dressing works in conjunction with quarry.

2. Did not ship in 1956.

## List of Firms in the Stone Quarrying Industry - 1956 - Concluded

Name	Head office address	Location
<b>MARBLE — concluded</b>		
<b>Ontario:</b>		
Bolender's Limited .....	Hallburton .....	Eagle Lake
Bonter Marble Products .....	Box 28 Madoc .....	Madoc
Bonter Marble & Calcium Co. Ltd. <sup>2</sup> .....	Box 61, Marmora .....	Marmora
Bonter W.F. & Co. Ltd. .....	Malone .....	Malone
Canada Talc Industry Ltd. .....	Box 250, Madoc .....	Madoc
Silvertone Black Marble Quarries Ltd. .....	305 O'Connor St., Ottawa .....	St. Albert
Stoklosar Marble Quarries .....	P.O. Box 389, Madoc .....	Madoc
<b>SANDSTONE</b>		
<b>Newfoundland:</b>		
Newfoundland Department of Highways .....	St. John's .....	Various
<b>Nova Scotia:</b>		
Arsenault Monumental Works .....	Box 76, Antigonish .....	North Grant
Wallace Quarries Limited .....	P.O. Box 30, Wallace .....	Wallace
<b>New Brunswick:</b>		
Bay Construction Limited .....	P.O. Box 355, Moncton .....	Moncton
New Brunswick Department of Highways .....	Fredericton .....	Various
Smith, E.A., Estate .....	Shediac .....	Shediac
<b>Quebec:</b>		
Canadian Silica Corp. Ltd. .....	St. Canut Division, Box 335, St. Jerome .....	St. Canut
Canit Construction Ltd. <sup>1</sup> .....	507 Place D'Armes Montreal .....	Melocheville
Electro, Metallurgical Co. .....	2221 Yonge St., Toronto, Ontario .....	Melocheville
Gagnon, L.P., Ltée .....	7, ave Gagnon, Lévis .....	St-David de Lévis
Notre Dame Quarries Co. Ltd. .....	Bon Conseil .....	Bon Conseil
Poirier, W. <sup>1</sup> .....	Montebello .....	Montebello
Radius Exploration Ltd. <sup>1</sup> .....	5188 Hutchison, Outremont .....	St. Clothilde
Sherbrooke, City of <sup>1</sup> .....	Sherbrooke .....	Ascot
Simard, Adjutor Inc. .....	Pointe-au-Pic .....	Pointe-au-Pic
<b>Ontario:</b>		
Argo Block Co. Ltd. .....	Cooksville .....	Glen Williams
Barnes, Wm. R., Co. Ltd. .....	Waterdown .....	Inglewood
Campbell Sandstone Quarries Ltd. <sup>1</sup> .....	466 Highland Ave., Ottawa 3 .....	Bell's Corners
Cerner, Austin .....	Belfountain .....	Belfountain
Deforest Bros. .....	Terra Cotta .....	Terra Cotta
Martin Edward .....	Glen Williams .....	Glen Williams
Moore, A. ....	Minden .....	Minden
Mountain Sandstone Quarry .....	Georgetown .....	Georgetown
Norrie Stene .....	27 Mountain View Rd., Georgetown .....	Limehouse
Rice and McHarg Quarries .....	Limehouse R.R. No. 1 .....	Limehouse
Smithson Quarries .....	Terra Cotta .....	Inglewood
<b>Alberta:</b>		
Si-San Co. .....	P.O. Box 164, Exshaw .....	Exshaw
<b>British Columbia:</b>		
Canadian Pacific Railway Co. ....	Montreal, Quebec .....	Thompson, Cascade and Princeton
Consolidated Mining and Smelting Co. of Canada Ltd. .....	Trail .....	Kimberley
<b>SHALE</b>		
<b>Quebec:</b>		
Carrières et Excavations Bonneau Ltée .....	MacKayville .....	MacKayville
<b>Alberta:</b>		
Alberta Ytong Manufacturing Co. Ltd. .....	940 - 8th Ave. W., Calgary .....	Calgary
Burtx Industries Limited <sup>1</sup> .....	209 - 6th Ave. S.W., Calgary .....	Calgary
Consolidated Concrete Industries <sup>1</sup> .....	5340 - 1st St. S.W., Calgary .....	Calgary
Rundle Rock Building Stone Co. Ltd. ....	Box 206, Canmore .....	Canmore
<b>British Columbia:</b>		
British Columbia Department of Highways .....	Victoria .....	Various
<b>SLATE</b>		
<b>Quebec:</b>		
Bombardier, J.A. Les Entreprises de Ltée .....	Valcourt .....	Valcourt
Côté, J. ....	Granby .....	Granby
<b>British Columbia:</b>		
British Columbia Slate Co. Ltd. <sup>2</sup> .....	327 Seymour St., Vancouver .....	Slate Creek
Richmix Clays .....	2890 Kent St., Vancouver .....	McNab Creek

1. Firms operating dressing works in conjunction with quarry.

2. Did not ship in 1956.

## SECONDARY PRODUCTION - THE STONE PRODUCTS INDUSTRY

In 1956 there were 151 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 quarries 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 \$27,774,555 in 1956, an increase of 11.2 per cent over the 1955 total. The sixty-one works in Ontario accounted for 71.2 per cent of the total output and the 44 plants in Quebec for 10.3 per cent. The total number of employees was 2,147 who were paid \$7,510,722 in salaries and wages. Materials used in cutting and dressing processes, including stone, cost \$9,907,459. The latter figure also includes the cost of materials used in producing mineral wool. Expenditures for fuel and electricity amounted to \$1,056,659.

TABLE 16. Principal Statistics of the Stone Products Industry, Significant Years 1929-1956 and by Provinces, 1955 and 1956

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	1,685,593	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
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 .....	159	2,356	7,261,917	854,481	8,292,982	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	6,241,180	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
1956							
Newfoundland .....	3	28	65,989	5,810	51,899	131,760	186,358
Prince Edward Island .....	1						
Nova Scotia .....	7	84	209,512	34,155	258,073	371,533	659,621
New Brunswick .....	6	51	112,734	9,203	72,791	183,156	263,313
Quebec .....	44	336	1,000,699	84,281	1,121,706	1,833,921	2,867,199
Ontario .....	61	1,359	5,229,196	810,420	7,275,576	12,707,927	20,786,164
Manitoba .....	10	65	201,898	10,103	168,691	347,998	527,726
Saskatchewan .....	4	22	46,440	1,540	30,280	62,814	94,670
Alberta .....	5	85	217,883	26,247	482,978	543,588	996,727
British Columbia .....	10	117	426,371	74,900	445,465	912,104	1,392,777
Canada .....	151	2,147	7,510,722	1,056,659	9,907,459	16,894,801	27,774,555

1. Figures for value added by manufacture, 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 later years 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.

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.

TABLE 17. Inventories<sup>1</sup>, 1956

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
<b>Opening:</b>				
Newfoundland and Prince Edward Island .....	18,209	1,570	15,782	35,561
Nova Scotia .....	50,552	683	11,057	62,292
New Brunswick .....	26,849	3,898	15,884	46,631
Quebec .....	252,268	86,760	104,086	443,114
Ontario .....	1,467,612	83,868	797,316	2,348,796
Manitoba .....	26,497	54,738	42,554	123,789
Saskatchewan .....	1,403	—	1,207	2,610
Alberta .....	103,918	—	9,185	113,103
British Columbia .....	92,191	50,150	67,994	210,335
<b>Canada .....</b>	<b>2,039,499</b>	<b>281,667</b>	<b>1,065,065</b>	<b>3,386,231</b>
<b>Closing:</b>				
Newfoundland and Prince Edward Island .....	15,318	365	20,098	35,781
Nova Scotia .....	75,960	603	15,277	91,840
New Brunswick .....	26,328	3,277	18,342	47,947
Quebec .....	246,700	59,344	104,211	410,255
Ontario .....	1,506,012	90,867	798,076	2,394,955
Manitoba .....	21,136	61,403	34,955	117,494
Saskatchewan .....	1,362	—	1,171	2,533
Alberta .....	74,988	—	65,271	140,259
British Columbia .....	113,352	72,974	84,862	271,188
<b>Canada .....</b>	<b>2,081,156</b>	<b>288,833</b>	<b>1,142,263</b>	<b>3,512,252</b>

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

2. The opening inventory for 1956 does not necessarily agree with the closing inventory for 1955, 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.

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.

TABLE 18. Output of the Stone Products Industry, 1955 and 1956

Product	Total selling value at works	
	1955	1956
	\$	\$
Granite, cut and polished:		
(a) Monuments .....	3,340,229	3,365,049
(b) For building purposes .....	1,027,204	1,261,689
Marble, cut and polished:		
(a) Monuments .....	629,022	608,645
(b) For building purposes .....	962,238	712,361
Marble chips and dust .....	16,592	3,126
Limestone:		
(a) Monuments and bases .....	29,367	21,948
(b) For building purposes .....	3,065,364	2,252,722
Semi-finished monuments, bases and markers (all kinds, sold for further processing, except lettering) ..	24,311	147,543
Finished monuments, lettered only .....	659,086	696,970
Other products <sup>1</sup> .....	15,126,404	18,554,273
Repairs and custom work (re-lettering, etc.) .....	105,992	150,229
<b>Total .....</b>	<b>24,985,809</b>	<b>27,774,555</b>

1. Includes mineral wool, etc.

TABLE 19. Cost of Materials Used in the Stone Products Industry, 1955 and 1956

Material	Cost at works	
	1955	1956
	\$	\$
Stone:		
(a) From Canadian quarries .....	1,449,838	1,368,353
(b) Imported .....	1,183,828	942,339
Semi-finished monuments and slabs for further processing, except lettering .....	232,668	178,177
Monuments, cut and polished, for lettering only .....	235,153	283,312
Silica sand or ground quartz .....	45,605	43,497
Slag and stone for mineral wool .....	537,889 <sup>1</sup>	516,455 <sup>1</sup>
Coke for mineral wool .....	405,200	357,427
All other materials .....	4,520,400	6,217,899
<b>Total</b> .....	<b>8,610,581</b>	<b>9,907,459</b>

1. Includes 8,200 tons of stone at \$50,859 and 95,966 tons of slag at \$487,230 in 1955 and 9,267 tons of stone at \$58,649 and 90,244 tons of slag at \$457,808 in 1956.

TABLE 20. Production<sup>1</sup> of Mineral Wool for Building Insulation, 1947-1956

Year	Selling value at works	Year	Selling value at works
	\$		\$
1947.....	4,966,388	1952 .....	7,923,370
1948.....	5,828,696	1953 .....	9,002,173
1949.....	7,474,227	1954 .....	9,093,079
1950.....	8,104,832	1955 .....	9,815,154
1951.....	7,926,859	1956 .....	10,953,421

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 21. Factory Shipments<sup>1</sup> of Mineral Wool for Building Insulation, by Grades, 1956

	Quantity	Selling value at works
		\$
4-inch batts .....	sq. ft. 4,678,768	248,558
3-inch batts .....	" 65,657,262	2,767,964
2-inch batts .....	" 169,518,592	5,971,176
Granulated .....	cu. ft. 11,333,684	1,819,369
Bulk or loose wool .....	" 889,154	146,354
<b>Total</b> .....	-	<b>10,953,421</b>

1. See footnotes to Tables 20 and 22.

TABLE 22. Producers' Shipments of Mineral Wool for Building Insulation, by Months, 1955 and 1956

	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.
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	854,711	122,056
June .....	444,420	5,270,264	16,795,271	955,988	160,629
July .....	410,750	5,960,856	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	14,845,043	1,325,875	117,683
December .....	404,889	4,441,228	12,305,488	1,179,900	105,443
<b>Total .....</b>	<b>3,909,741</b>	<b>52,610,403</b>	<b>154,937,966</b>	<b>11,293,682</b>	<b>1,513,757</b>
1956					
January .....	353,316	5,429,350	13,650,471	1,074,944	94,000
February .....	268,080	4,590,208	10,934,831	740,202	72,816
March .....	280,560	5,149,144	13,433,555	854,179	86,454
April .....	292,202	4,647,981	13,796,558	611,757	58,512
May .....	378,394	4,533,133	13,697,671	615,824	67,231
June .....	504,696	5,606,091	14,015,611	687,978	58,936
July .....	441,665	6,329,548	16,924,105	777,926	129,653
August .....	658,898	7,143,617	16,608,112	845,358	121,805
September .....	383,770	6,624,719	15,135,653	842,762	120,913
October .....	403,376	6,559,821	16,991,846	1,119,024	161,452
November .....	410,095	5,218,497	13,883,908	1,082,589	170,465
December .....	277,675	3,796,979	9,782,454	825,684	63,982
<b>Total .....</b>	<b>4,652,527</b>	<b>65,629,088</b>	<b>168,654,775</b>	<b>10,078,227</b>	<b>1,206,219</b>

Note: The difference in totals shown in Tables 21 and 22 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, 1956

Name	Location of plant
Associated Mineral Wool Co. Ltd. ....	Toronto, Ontario
Canadian Gypsum Company Ltd. ....	Weston, Ontario
Canadian Johns-Manville Co. Ltd. ....	Highland Creek, 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 23. Principal Statistics of the Stone Products Industry, Classified According to Type of Ownership,  
1955 and 1956

Type	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
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
<b>Total</b> .....	<b>153</b>	<b>2,316</b>	<b>7,445,642</b>	<b>8,610,581</b>	<b>24,985,809</b>
1956					
Individual ownership .....	72	329	854,431	996,546	2,467,473
Partnerships .....	28	183	519,152	499,974	1,416,303
Incorporated companies .....	51	1,635	6,137,139	8,410,939	23,890,779
<b>Total</b> .....	<b>151</b>	<b>2,147</b>	<b>7,510,722</b>	<b>9,907,439</b>	<b>27,774,555</b>

TABLE 24. Principal Statistics of the Stone Products Industry in Canada, Grouped According to Size of Establishment,  
1955 and 1956

Establishments reporting value of factory shipments	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	No.	No.	\$	\$	\$
1955					
Under \$25,000 .....	65	180	340,214	307,150	804,963
\$25,000 to \$49,999 .....	21	126	299,428	334,053	816,664
\$50,000 to \$99,999 .....	30	295	802,248	707,834	2,024,528
\$100,000 to \$199,999 .....	19	312	951,010	815,254	2,526,442
\$200,000 to \$499,999 .....	9	338	1,181,808	1,150,474	3,146,830
\$500,000 to \$999,999 .....	5	265	870,312	1,801,135	3,989,093
\$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	—	—
<b>Total</b> .....	<b>153</b>	<b>2,316</b>	<b>7,445,642</b>	<b>8,610,581</b>	<b>24,985,809</b>
1956					
Under \$10,000 .....	25	37	63,983	53,555	147,123
\$10,000 to \$24,999 .....	32	105	238,710	208,590	564,236
\$25,000 to \$49,999 .....	24	148	354,624	312,773	866,689
\$50,000 to \$99,999 .....	33	303	879,620	820,262	2,244,610
\$100,000 to \$199,999 .....	20	303	1,026,810	1,138,774	2,984,954
\$200,000 to \$499,999 .....	9	336	1,113,477	1,200,181	3,137,832
\$500,000 to \$999,999 .....	4	190	671,739	1,316,409	3,194,045
\$1,000,000 to \$4,999,999 .....	3	715	3,113,621	4,856,915	14,635,066
\$5,000,000 and over .....	1				
Head offices .....	—	10	48,138	—	—
<b>Total</b> .....	<b>151</b>	<b>2,147</b>	<b>7,510,722</b>	<b>9,907,439</b>	<b>27,774,555</b>

TABLE 25. Employees, Salaries and Wages in the Stone Products Industry, by Provinces, 1955 and 1956

Province	Number of employees				Earnings			
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	
	Male	Female	Male	Female				
1955								
Newfoundland .....	8	4	18	—	30	20,630	39,879	60,709
Prince Edward Island .....								
Nova Scotia .....	14	4	62	—	80	47,250	139,534	186,784
New Brunswick .....	7	1	56	—	64	24,146	112,534	136,680
Quebec .....	80	10	245	—	335	287,571	657,840	945,411
Ontario .....	262	99	1,156	4	1,521	1,576,332	3,709,140	5,285,472
Manitoba .....	16	3	39	1	59	57,730	117,290	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
1956								
Newfoundland .....	7	2	18	1	28	24,738	41,251	65,989
Prince Edward Island .....								
Nova Scotia .....	14	4	66	—	84	65,521	143,991	209,512
New Brunswick .....	7	1	43	—	51	23,594	89,140	112,734
Quebec .....	71	11	252	2	336	296,567	704,132	1,000,699
Ontario .....	231	59	1,062	7	1,359	1,259,095	3,970,101	5,229,196
Manitoba .....	17	3	42	3	65	69,688	132,210	201,898
Saskatchewan .....	7	1	14	—	22	17,800	28,640	46,440
Alberta .....	8	3	71	3	85	38,725	179,098	217,883
British Columbia .....	31	5	81	—	117	171,179	255,192	426,371
Canada .....	393	89	1,649	16	2,147	1,966,967	5,543,755	7,510,722

TABLE 26. Production Workers, by Months, 1955 and 1956

Month	1955			1956		
	Male	Female	Total	Male	Female	Total
Number						
January .....	1,542	7	1,549	1,479	11	1,490
February .....	1,580	9	1,589	1,540	15	1,555
March .....	1,643	10	1,653	1,532	16	1,548
April .....	1,674	10	1,684	1,633	17	1,650
May .....	1,768	10	1,778	1,659	17	1,676
June .....	1,875	10	1,885	1,732	19	1,751
July .....	1,873	10	1,883	1,755	19	1,774
August .....	1,879	10	1,889	1,770	17	1,787
September .....	1,896	10	1,906	1,786	16	1,802
October .....	1,868	10	1,878	1,771	18	1,789
November .....	1,520	9	1,529	1,678	15	1,693
December .....	1,746	7	1,753	1,567	15	1,582
Average .....	1,736	8	1,774	1,649	16	1,665

TABLE 27. Capital and Repair Expenditures in the Stone Products Industry, 1952-1956

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							
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 .....	570	720	1,290	107	1,036	1,143	2,433
1956 <sup>1</sup> .....	385	1,236	1,621	159	1,187	1,346	2,967

1. Preliminary.

TABLE 28. Imports of Mineral Wool and Glass Wool, 1947-1956

Year	Mineral wool		Glass wool		Total	
	Pounds	\$	Pounds	\$	Pounds	\$
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	425,197
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
1956 .....	2,800,906	357,711	2,287,115	786,691	5,088,021	1,144,402

TABLE 29. Fuel and Electricity Used<sup>1</sup> in the Stone Products Industry, 1956

Kind		Quantity		Cost at works
		ton	Imp. gal.	
Bituminous coal (a) From Canadian mines .....	.....	924		13,318
(b) Imported .....	.....	5,439		66,587
Sub-bituminous coal from Alberta mines .....	.....	4		70
Anthracite coal .....	.....	11		330
Coke .....	.....	1,865		56,937
Gasoline, including gasoline used in cars and trucks .....	.....	132,894		58,447
Kerosene .....	.....	4,685		1,027
Fuel oil .....	.....	3,961,050		414,132
Wood .....	cords	39		772
Gas: (a) Liquefied petroleum gases .....	.....	667,496		61,586
(b) Natural gas .....	1000 cu. ft.	79,479		37,588
Other fuel .....	—	—		24,689
Electricity purchased .....	k.w.h.	31,592,843		321,176
Total .....	—	—		1,056,659

1. Last collected in 1953.

## Directory of Firms in the Stone Products Industry, 1956

Name of company	Location of plant
<b>Newfoundland:</b>	
Cook's Marble Works .....	St. John's
Muir's Marble Works, Ltd. ....	St. John's
Skinner's 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
Gehue's Granite Works .....	R. 1., 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
Miramichi Marble & Granite 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
Beaulieu, Elzear, & Fils Ltee Enrg. ....	Ste-Helene, Co. Kamouraska
Beebe Granite Works .....	Beebe
Berson, L., & Son .....	3884 St. Lawrence Blvd., Montreal
Bissonnette, Alfred, Ltee .....	6554 Durocher Ave., Outremont
Brunet, A. ....	Ormslow
Brunet, J., Limitee .....	4485 Cote-des-Neiges, Montreal
Caron, Eugene, Esq. ....	Ste Anne de Beaupre
Chabot, Fernand, Esq. ....	Scott Junction
Chausse, Edouard, & Fils .....	1650 King St. West, Sherbrooke
Crete, James, Esq. ....	Royal St., Sorel
Dalceggio, F., Esq. ....	4588 Chemin Cote-des-Neiges, Montreal
Daujelin, Rolland, Esq. ....	1395 St. Antoine Street, St. Hyacinthe
Denicourt, Thuot, Esq. ....	84 - 4th Ave., Iberville
Dominion Granite Works Co. Reg'd. ....	Beebe
Ducharme, J. Maurice .....	231 Notre Dame St., Victoriaville
Dugas, Joseph, Esq. ....	423 St-Charles Borromee 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 & Bisaillon .....	Iberville
Houde & Frere Enrg. ....	404 Notre Dame, Cap de la Madeleine
Jenne, E.H., Esq. ....	Sutton
Kipling, William .....	Riverfield
Lavoie, Roland, Enrg. ....	140 Furey, Cap de la Madeleine
Lussier, A., Enrg. ....	3290 Cadillac St., Montreal
Monuments Funeraires de St-Samuel .....	St-Samuel
Paquin, Laurent, Esq. ....	1055 boul. des Forges, Trois Rivieres
Parent, G.H., Esq. ....	349, rue Montigny, St-Jerome
Provost, Emlien .....	1003 King E., Sherbrooke
Quebec Granite & Marble Reg'd. ....	1864 Darling, Montreal
Quinlan, Harold, Cut Stone Ltd. ....	Quidelan Ave., Ville La Salle
Rousseau, Jos., Enrg. ....	400 St-Germain St., Rimouski
Roxton Granite & Marble Works .....	Roxton Falls, Co. Shefford
Silver Granite Industries Ltd. ....	St. Samuel
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
Todoro & Bigras .....	6752 Sherbrooke St. E., Montreal
Villeneuve & Frere Enrg. ....	1050 De la Canadienne, Quebec
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 .....	176 Lakeshore Rd. W., Port Credit
Canadian Gypsum Co., Limited .....	21 Oak St., Weston
Canadian Johns-Manville Co. Ltd. ....	Port Union
Central Granite & Marble Works .....	1283 Dundas St. W., Toronto

## Directory of Firms in the Stone Products Industry, 1956 — 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
Creber, Son & Company .....	1343 St. Clair Ave. W., Toronto
Davis Monument Co. ....	3205 Danforth Ave., Toronto
Dufferin Marble Co. Ltd. ....	146 Stayner Ave., Toronto
Dundas Monument Works .....	Dundas
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 .....	Haleybury
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
Laird, 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'n's Stone Works Ltd. ....	100 Everett St., Belleville
Luckett's Dress Stone .....	Ulster and Leicester Ave., Islington
McIntyre Monument Co. ....	60 Danforth Ave., Toronto
McMillan Granite 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
Rhodes Memorials Ltd. ....	Cayuga
Rigg Memorial Works .....	605 Queen St., Niagara Falls
Pitchie 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
Sharp Bros. Cut Stone Company Limited .....	518 Kenilworth St. N., Hamilton
Skelton Memorials .....	Walkerton
Smith Monument Works .....	1543 Main St. E., Hamilton
Smith Monument Co. Ltd. ....	349 Weston Road, Toronto
Spun Rock Wool Limited .....	65 Ormond St., Thorold
Standard Stone Company, Limited .....	1704 Howard Ave., Windsor
Sudbury Memorial Works .....	453 Amley St., Sudbury
Superior Stone Ltd. ....	528 Victoria St. N., Kitchener
Taube Monuments .....	429 Spadina Ave., Toronto
Thomson Granite Co. Ltd. ....	862 Dupont St., Toronto
Tompkins Bros. Stone Works .....	161 Essa, Barrie
United Marble Co. ....	Rear 46 Shaftesbury Ave., Toronto
Wardell Monument Works .....	2821 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
Guilm & Simpson Company Limited .....	52 Tupper St. N., Portage la Prairie
Lo'n'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
Somerville Marble & Granit Works .....	1417 Rosser Ave., Brandon
<b>Saskatchewan:</b>	
Best Monumental Co. c/o Regina Monument Co. Ltd. ....	S. Railway & Albert Sts., Regina
Molato & Sons Corporation Limited .....	23rd St. and Pacific Ave., Saskatoon
Moose Jaw Marble & Granite Works Ltd. ....	706 Athabasca St. E., Moose Jaw
Yorkton Monumental Works .....	107 West Broadway, Yorkton
<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
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. ....	880 Beach 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

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