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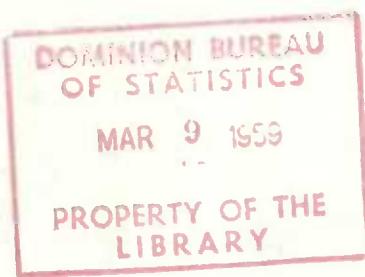
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CANADA

## THE STONE INDUSTRY

1957



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**Industry and Merchandising Division**

## NOTICE

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

Volume I consists of the following parts:

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

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

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

*Prices of most reports released after January 1, 1959 have been increased. Information on the new prices of particular issues is available on request from the Information Services Division of the Dominion Bureau of Statistics.*

# THE STONE INDUSTRY

## 1957

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 40,282,081 tons valued at \$59,197,662 in 1957. In the preceding year the tonnage was 33,257,318 and

the value was \$48,809,918. 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 4,957,623 tons valued at \$12,757,812. The sedimentary rocks included 32,618,782 tons of limestone valued at \$41,280,990; 67,770 tons of marble worth \$589,706; 2,538,579 tons of sandstone valued at \$4,246,654; 98,758 tons of shale valued at \$307,735 and 569 tons of slate worth \$14,765.

In 1957 there were 583 quarries operated by 473 firms. The average number of employees was 4,331 to whom \$14,552,950 were distributed as salaries and wages. Fuel Cost \$1,714,953 and 84,430,646 kwh. of electricity were purchased for \$1,234,484. Process supplies cost \$4,201,890.

**TABLE 1. Principal Statistics of the Stone Quarrying Industry, Significant Years, 1921-1957**

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 value of production <sup>1</sup>
number							
1921 .....	145	2,204	2,017,272	301,810	2	6,388,346	2
1929 .....	268	5,681	5,459,761	759,418	2	12,066,532	2
1931 .....	329	4,198	4,470,699	625,673	2	11,075,164	2
1933 .....	317	1,885	1,250,776	283,454	2	3,000,326	2
1937 .....	555	2,898	2,576,344	472,006	613,542	6,939,360	5,653,812
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	8,000,884	6,717,501
1944 .....	466	2,164	3,154,689	671,056	826,824	7,159,177	5,661,297
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
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
1957 .....	583	4,331	14,552,950	2,949,437	4,201,890	59,197,662	52,046,335

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

<sup>2</sup> Not available.

TABLE 2. Principal Statistics of the Stone Quarrying Industry, by Provinces, 1956 and 1957

Province	Establishments	Employees	Salaries and wages	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 <sup>1</sup>
number							
dollars							
1956							
Newfoundland .....	8	108	336,345	40,156	29,898	604,094	534,040
Nova Scotia .....	21	109	295,775	65,762	160,995	955,647	727,890
New Brunswick .....	14	202	544,910	88,247	110,340	2,044,988	1,846,399
Quebec .....	142	1,908	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	445,858	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	3,928,436
Canada .....	523	4,142	13,513,965	2,463,126	3,943,537	48,809,918	42,401,255
1957							
Newfoundland .....	5	83	287,846	36,559	26,698	582,374	519,117
Nova Scotia .....	16	142	400,017	72,940	200,139	1,087,097	814,018
New Brunswick .....	13	172	457,081	68,756	52,717	1,538,164	1,416,691
Quebec .....	159	2,108	6,818,670	1,475,340	2,175,077	25,841,413	22,190,996
Ontario .....	264	1,457	5,362,011	1,198,970	1,606,896	22,195,815	19,389,949
Manitoba .....	10	101	342,299	26,547	47,329	917,296	843,420
Saskatchewan .....	—	—	—	—	—	—	—
Alberta .....	8	6	15,508	5,546	910	394,123	387,667
British Columbia .....	108	262	869,518	64,779	92,124	6,641,380	6,484,477
Canada .....	583	4,331	14,552,950	2,949,437	4,201,890	59,197,662	52,046,335

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

TABLE 3. Production (Sales) of Stone From Canadian Quarries, by Kinds and by Provinces, 1956 and 1957

Province	Granite <sup>1</sup>	Limestone <sup>2</sup>	Marble	Sandstone	Shale	Slate	Total
1956							
Newfoundland .....	ton \$ 4,826 \$ 21,130	319,261 573,304	— —	3,856 9,660	— —	— —	221,943 30,704
Nova Scotia .....	ton \$ 275,784 \$ 639,882	109,142 211,765	— —	24,026 104,000	— —	— —	408,952 955,647
New Brunswick .....	ton \$ 722,552 \$ 869,146	502,232 633,575	1,500 22,000	902,825 520,265	— —	— —	2,129,109 2,044,986
Quebec .....	ton \$ 366,008 \$ 3,184,330	10,446,278 14,793,410	21,090 360,513	281,815 589,966	35,672 31,443	343 288	11,153,206 18,959,950
Ontario .....	ton \$ 445,072 \$ 1,132,614	15,207,534 18,941,565	34,178 267,486	47,880 479,062	— —	— —	15,734,664 20,820,727
Manitoba .....	ton \$ — \$ 956,708	262,557 —	— —	— —	— —	— —	262,557 956,708
Alberta .....	ton \$ — \$ 30,863	30,863 —	— —	58 290	35,899 231,711	— —	68,820 343,166
British Columbia .....	ton \$ 617,213 \$ 727,748	2,226,110 3,084,323	— —	318,074 289,249	12,000 12,000	670 11,320	3,174,067 4,124,640
Canada .....	ton \$ 2,431,455 \$ 6,574,850	29,105,977 39,305,815	56,768 649,999	1,578,534 1,992,492	83,371 275,154	1,013 11,608	33,257,318 48,809,918
1957							
Newfoundland .....	ton \$ 230 \$ 1,150	348,143 581,224	— —	— —	— —	— —	348,373 582,374
Nova Scotia .....	ton \$ 298,498 \$ 774,062	124,672 240,615	— —	11,556 72,420	— —	— —	434,726 1,087,097
New Brunswick .....	ton \$ 251,562 \$ 428,061	496,411 771,349	1,500 22,000	535,338 316,754	— —	— —	1,285,811 1,538,164
Quebec .....	ton \$ 1,807,804 \$ 6,338,145	12,615,250 16,298,291	25,942 269,210	1,550,575 2,887,007	53,694 48,360	400 400	16,053,665 25,841,413
Ontario .....	ton \$ 719,026 \$ 1,005,542	16,592,404 19,748,013	40,328 298,496	38,680 543,764	— —	— —	17,390,438 22,195,815
Manitoba .....	ton \$ 63,176 \$ 87,678	391,796 829,618	— —	— —	— —	— —	454,972 917,296
Alberta .....	ton \$ — \$ 35,427	35,427 —	— —	74 407	45,064 259,375	— —	80,565 394,123
British Columbia .....	ton \$ 1,817,327 \$ 3,523,174	2,014,879 2,677,539	— —	401,356 426,302	— —	169 14,365	4,233,531 6,641,380
Canada .....	ton \$ 4,957,623 \$ 12,737,812	32,618,782 41,380,936	67,770 589,706	2,538,579 4,246,654	98,758 307,735	569 14,760	40,282,081 59,197,662

<sup>1</sup> All igneous rocks included.<sup>2</sup> Includes dolomite, also sandstone for agricultural purposes.

Note: Not included in the above limestone statistics are 7,152,693 tons of limestone consumed in the Canadian cement industry in 1956 and 8,741,863 tons in 1957. Also, the limestone used in the Canadian lime industry is not included; it is estimated that approximately 2,276,836 tons of limestone were burned in the manufacture of lime in 1956 and 2,562,740 tons in 1957.

TABLE 4. Production (Sales) of Stone<sup>1</sup> from Canadian Quarries, by Provinces, Showing Purposes for Which Used,  
1956 and 1957

For use as follows	Newfoundland	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Alberta	British Columbia	Canada
1956									
<b>Building stone:</b>									
Rough	ton	114	1,890	1,209	11,133	60,995	2,085	55	500
	\$	513	26,656	16,674	147,562	551,054	19,523	1,244	15,000
Dressed	ton	—	268	922	43,718	9,200	6,286	5	1,091
	\$	—	48,313	76,200	3,210,674	251,836	529,065	221	35,000
Monumental and ornamental stone:									
Rough	ton	—	—	1,338	6,908	50	—	—	700
	\$	—	—	34,802	167,722	1,975	—	—	21,000
Dressed	ton	—	299	—	5,288	436	—	—	—
	\$	—	68,203	—	764,371	101,808	—	—	6,023
Flagstone	ton	—	—	40	1,496	10,617	—	69	—
	\$	—	—	500	25,459	161,473	—	620	12,222
Curbstone	ton	—	—	—	5,767	4	—	—	5,771
	\$	—	—	—	167,785	76	—	—	167,861
Paving blocks	ton	—	—	—	—	253	—	—	253
	\$	—	—	—	—	8,875	—	—	8,875
Chemical and metallurgical:									
Cement plants	ton	—	—	—	—	—	—	—	207,891
	\$	—	—	—	—	—	—	—	239,532
Lining open-hearth furnaces	ton	—	—	—	—	68,406	1,515	—	69,921
	\$	—	—	—	—	84,257	3,873	—	88,130
Flux in iron and steel furnaces	ton	279,979	15,699	67	7,880	1,134,671	4,573	266	3,421
	\$	419,968	39,748	201	15,101	1,385,291	12,457	1,000	6,066
Flux in non-ferrous smelters	ton	—	—	—	—	110,816	—	—	109,579
	\$	—	—	—	—	106,310	—	—	220,495
Glass factories	ton	—	—	—	1,720	9,282	—	6,096	—
	\$	—	—	—	6,020	16,244	—	23,190	17,098
Pulp and paper mills	ton	35,859	6,443	172	145,798	100,593	10,019	—	433,840
	\$	118,126	20,941	602	435,604	218,980	40,235	—	425,670
Sugar refineries	ton	—	—	138	—	4,262	—	—	4,400
	\$	—	—	966	—	7,661	—	—	8,627
Other chemical uses	ton	—	—	—	—	66,476	—	—	86,476
	\$	—	—	—	—	74,582	—	—	74,582
Pulverized stone:									
Whiting (substitute)	ton	—	—	—	12,408	—	—	—	5,040
	\$	—	—	—	148,890	—	—	—	25,230
Asphalt filler	ton	—	25,000	1,703	10,841	6,420	2,230	8,461	6,552
	\$	—	50,000	9,537	21,928	34,437	2,487	34,305	18,505
Dusting coal mines	ton	—	—	—	—	—	—	890	250
	\$	—	—	—	—	—	—	4,370	1,140
Agricultural purposes and fertilizer plants	ton	2,970	40,306	46,413	289,895	43,787	2,228	13,724	27,183
	\$	33,381	102,125	169,880	703,117	67,814	2,985	42,244	111,328
Other uses	ton	—	—	—	17,923	114,670	2,727	500	—
	\$	—	—	—	68,983	447,710	3,587	2,000	135,820
Crushed stone for manufacture of artificial stone	ton	—	—	—	21,617	6,350	—	—	27,967
	\$	—	—	—	40,827	33,120	—	—	73,947
Roofing granules	ton	—	—	1,200	—	91,329	—	—	670
	\$	—	—	3,900	—	124,378	—	—	93,199
Poultry grit	ton	—	—	1,500	149	5,108	—	497	4,216
	\$	—	—	22,000	535	53,561	—	1,921	11,320
Stucco dash	ton	—	—	—	—	3,141	—	—	7,876
	\$	—	—	—	—	27,513	—	—	108,286
Terrazzo chips	ton	—	—	—	5,277	11,287	—	—	11,017
	\$	—	—	—	64,398	161,256	—	—	135,799
Rock wool	ton	—	—	—	616	17,838	—	—	16,564
	\$	—	—	—	1,897	20,715	—	—	22,612
Rubble and riprap	ton	—	22,026	59,929	358,881	266,204	13,111	400	618,437
	\$	—	67,344	62,422	494,086	232,164	23,353	1,600	1,338,988
Crushed stone:									
Concrete aggregate	ton	—	5,000	60,016	7,226,694	3,054,545	73,954	1,000	—
	\$	—	10,250	138,637	9,139,266	3,866,925	120,156	5,000	—
Road metal	ton	9,021	291,821	1,114,496	2,071,401	10,263,930	135,885	—	1,741,348
	\$	32,106	522,067	699,605	2,357,816	12,516,189	195,632	—	15,627,912
Railroad ballast	ton	—	—	839,966	218,861	218,707	7,872	—	2,119,377
	\$	—	—	809,060	223,691	222,571	3,280	—	18,442,792
Other uses	ton	—	—	—	678,935	55,187	60	34,857	23,750
	\$	—	—	—	754,218	41,952	75	225,451	1,262,783
Total	ton	327,943	406,952	2,129,109	11,153,206	15,734,664	262,557	66,820	3,174,067
	\$	604,094	955,647	2,044,986	18,959,950	20,820,727	936,788	343,166	4,124,640
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

<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,  
1956 and 1957 — Concluded

For use as follows	Newfoundland	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Alberta	British Columbia	Canada
1957									
Building stone:									
Rough	ton	—	1,110	1,011	11,703	48,509	1,960	17	865
	\$	—	15,841	13,798	145,909	577,134	18,336	394	22,650
Dressed	ton	—	387	670	41,622	17,550	3,222	—	1,039
	\$	—	46,994	71,200	3,838,871	398,000	398,727	—	189,195
Monumental and ornamental stone:									
Rough	ton	—	3	1,700	8,611	494	50	—	330
	\$	—	6	38,746	186,725	8,852	1,500	—	9,900
Dressed	ton	—	388	12	7,227	232	—	—	7,657
	\$	—	81,118	5,000	867,113	42,544	—	—	995,775
Flagstone	ton	—	—	10	626	26,321	—	334	169
	\$	—	—	600	9,533	410,476	—	4,727	27,460
Curbstone	ton	—	—	—	—	112	—	—	112
	\$	—	—	—	—	5,618	—	—	5,618
Paving blocks	ton	—	—	—	20	—	—	—	20
	\$	—	—	—	300	—	—	—	300
Chemical and metallurgical:									
Cement plants	ton	—	—	—	—	—	—	—	69,148
	\$	—	—	—	—	—	—	—	76,062
Lining open-hearth furnaces	ton	—	—	—	40,681	850	—	—	41,511
	\$	—	—	—	50,826	2,316	—	—	53,142
Flux in iron and steel furnaces	ton	315,471	15,596	111	6,699	1,064,479	4,065	302	1,406,723
	\$	473,206	38,990	333	12,414	1,085,709	10,914	1,100	1,622,666
Flux in non-ferrous smelters	ton	—	—	—	—	105,604	—	—	71,732
	\$	—	—	—	—	107,048	—	—	58,463
Glass factories	ton	—	—	—	480	11,150	—	11,639	23,269
	\$	—	—	—	1,915	32,948	—	34,278	69,141
Pulp and paper mills	ton	30,018	6,502	593	129,780	76,765	13,254	—	138,835
	\$	93,788	22,764	2,076	396,209	173,055	56,010	—	470,808
Sugar refineries	ton	—	—	72	—	11,155	—	—	11,227
	\$	—	—	504	—	13,887	—	—	14,391
Other chemical uses	ton	—	—	—	531	181,044	—	—	181,575
	\$	—	—	—	2,124	250,195	—	—	252,319
Pulverized stone:									
Whiting (substitute)	ton	—	—	—	13,168	7,928	—	—	431
	\$	—	—	—	158,014	45,397	—	—	5,680
Asphalt filler	ton	20,000	1,624	3,205	7,558	2,144	7,482	—	1,991
	\$	40,000	9,094	13,329	38,331	2,582	33,410	—	44,004
Dusting coal mines	ton	—	—	—	—	—	385	—	310
	\$	—	—	—	—	—	1,845	—	695
Agricultural purposes and fertilizer plants	ton	2,535	52,061	52,269	376,150	89,861	2,850	12,880	21,792
	\$	13,730	125,217	185,996	815,559	185,647	3,807	50,991	90,694
Other uses	ton	—	—	—	13,014	30,141	11,136	1,624	—
	\$	—	—	—	53,746	126,335	8,646	7,620	—
Crushed stone for manufacture of artificial stone	ton	—	—	100	3,243	7,586	—	—	10,929
	\$	—	—	2,000	12,923	52,075	—	—	66,998
Roofing granules	ton	—	—	1,200	—	36,413	—	—	37,613
	\$	—	—	3,900	—	40,593	—	—	44,493
Poultry grit	ton	—	—	1,677	951	2,893	—	571	5,424
	\$	—	—	12,870	2,808	23,400	—	2,405	94,386
Stucco dash	ton	—	—	—	—	739	—	—	7,710
	\$	—	—	—	—	11,439	—	—	82,963
Terrazzo chips	ton	—	—	350	8,269	13,353	—	—	21,972
	\$	—	—	8,750	79,163	196,585	—	—	284,478
Rock wool	ton	—	—	—	—	9,327	—	—	9,327
	\$	—	—	—	—	151,445	—	—	151,445
Rubble and riprap	ton	—	28,171	16,463	1,502,826	586,137	14,909	400	1,809,098
	\$	—	161,179	16,133	1,525,742	990,785	14,101	1,600	3,121,512
Crushed stone:									
Concrete aggregate	ton	—	12,000	60,000	7,316,536	3,645,493	314,271	6,730	—
	\$	—	24,600	138,000	10,218,163	4,977,284	359,283	43,745	—
Road metal	ton	351	298,510	741,212	4,311,424	10,369,814	60,568	127	1,687,150
	\$	1,650	530,388	502,630	4,623,571	10,927,799	38,584	698	1,900,212
Railroad ballast	ton	—	—	406,487	510,007	682,883	5,568	—	67,240
	\$	—	—	525,784	673,333	923,694	2,320	—	11,638
Other uses	ton	—	—	50	1,789,593	316,236	125	38,074	350,267
	\$	—	—	750	2,203,949	348,734	170	211,310	477,486
Total	ton	348,373	434,726	1,285,811	16,053,665	17,390,438	454,972	80,565	4,233,531
	\$	582,374	1,987,097	1,538,184	25,941,413	22,195,815	817,296	394,123	6,641,380
Per cent of total	Quan.	0.86	1.08	3.19	39.85	43.17	1.13	0.20	10.52
	\$	0.98	1.84	2.60	43.65	37.49	1.55	0.67	11.22
									100.00

<sup>1</sup> Includes the production of slate and marl.

TABLE 5. Production (Sales) of Stone from Canadian Quarries, by Kinds, Showing Purposes for Which Used,  
1956 and 1957

For use as follows	Granite <sup>1</sup>	Limestone <sup>2</sup>	Marble	Sandstone	Shale	Slate	Total
1956							
Building stone:							
Rough	ton \$	6,781 129,458	41,612 416,007	76 808	29,481 231,223	31 930	— —
Dressed	ton \$	21,461 1,732,260	38,085 2,245,736	854 80,319	1,092 92,994	— —	— —
Monumental and ornamental stone:							
Rough	ton \$	8,988 224,699	— —	8 800	— —	— —	8,996 225,499
Dressed	ton \$	5,841 869,882	12 4,500	170 60,000	— —	— —	6,023 934,382
Flagstone	ton \$	425 5,000	3,495 33,339	— —	8,291 149,383	11 330	— —
Curbstone	ton \$	5,787 167,785	4 76	— —	— —	— —	5,771 167,861
Paving blocks	ton \$	— —	— —	— —	253 8,875	— —	253 8,875
Chemical and metallurgical:							
Cement plants	ton \$	— —	207,891 <sup>3</sup> 239,532	— —	— —	— —	207,891 239,532
Lining open-hearth furnaces	ton \$	— —	69,921 88,130	— —	— —	— —	69,921 88,130
Flux in iron and steel furnaces	ton \$	— —	1,446,473 1,875,870	— —	283 3,962	— —	1,446,756 1,879,832
Flux in non-ferrous smelters	ton \$	— —	220,159 211,715	336 1,928	— —	— —	220,495 213,643
Glass factories	ton \$	— —	17,098 45,454	— —	— —	— —	17,098 45,454
Pulp and paper mills	ton \$	— —	421,652 1,224,996	12,188 35,162	— —	— —	433,840 1,280,158
Sugar refineries	ton \$	— —	4,400 8,627	— —	— —	— —	4,400 8,627
Other chemical uses	ton \$	— —	66,476 74,582	— —	— —	— —	66,476 74,582
Pulverized stone:							
Whiting (substitute)	ton \$	— —	5,040 25,230	12,408 148,690	— —	— —	17,448 174,120
Asphalt filler	ton \$	27,054 63,005	33,252 105,491	901 2,703	— —	— —	61,207 171,199
Dusting coal mines	ton \$	— —	1,140 6,920	— —	— —	— —	1,140 6,920
Agricultural purposes	ton \$	— —	474,903 1,229,300	1,603 3,574	— —	— —	476,506 1,232,874
Other uses	ton \$	907 19,709	131,855 482,897	3,000 19,500	— —	58 174	135,820 522,280
Crushed, for artificial stone	ton \$	— —	20,898 29,216	5,245 37,490	1,824 7,241	— —	27,967 73,947
Roofing granules	ton \$	92,529 128,278	— —	— —	— —	670 11,320	93,199 139,596
Poultry grit	ton \$	6,593 110,098	1,266 8,347	3,611 38,894	— —	— —	11,470 157,339
Stucco dash	ton \$	5,904 83,904	4,713 48,695	400 3,200	— —	— —	11,017 135,799
Terrazzo chips	ton \$	— —	1,296 11,173	15,268 214,481	— —	— —	16,564 225,654
Rock wool	ton \$	— —	16,638 12,915	— —	1,816 9,697	— —	18,454 22,612
Rubble and riprap	ton \$	645,034 579,236	606,755 596,090	— —	51,242 176,960	35,672 31,443	1,338,988 1,383,843
Crushed stone:							
Concrete aggregate	ton \$	149,857 301,079	10,081,389 12,628,014	— —	188,963 346,141	1,000 5,000	— —
Road metal	ton \$	792,334 1,565,365	13,835,618 16,233,750	— —	987,960 631,677	12,000 12,000	— —
Railroad ballast	ton \$	476,328 465,016	809,078 793,586	— —	23,750 4,181	— —	1,309,156 1,282,783
Other uses	ton \$	185,652 130,076	544,858 625,627	700 2,450	283,579 330,158	34,857 225,451	— —
Total <sup>2</sup>	ton \$	2,431,455 6,574,850	29,105,977 39,305,815	56,768 649,999	1,578,534 1,992,492	83,571 275,154	1,013 11,608
							33,257,318 48,809,918

<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.

TABLE 5. Production (Sales) of Stone From Canadian Quarries, by Kinds, Showing Purposes for Which Used,  
1956 and 1957 — Concluded

For use as follows	Granite <sup>1</sup>	Limestone <sup>2</sup>	Marble	Sandstone	Shale	Slate	Total
1957							
Building stone:							
Rough.....	ton 7,754 \$ 134,458	45,851 531,672	—	11,570 127,932	—	—	65,175 794,062
Dressed.....	ton 26,719 \$ 3,031,850	37,095 1,634,753	6 476	670 75,908	—	—	64,690 4,942,987
Monumental and ornamental stone:							
Rough.....	ton 8,791 \$ 241,783	3 6	—	394 3,940	—	—	9,188 245,729
Dressed.....	ton 7,547 \$ 970,381	— —	310 25,394	— —	—	—	7,657 995,775
Flagstone.....	ton 580 \$ 5,675	2,821 16,656	—	23,630 398,485	260 4,320	169 14,365	27,460 439,701
Curbstone.....	ton — \$ —	— —	—	112 5,618	—	—	112 5,618
Paving blocks.....	ton 20 \$ 300	— —	—	— —	—	—	20 300
Chemical and metallurgical:							
Cement plants.....	ton — \$ —	69,148 <sup>3</sup> 76,062	—	— —	—	—	69,148 76,062
Lining open-hearth furnaces.....	ton — \$ —	41,511 53,142	—	— —	—	—	41,511 53,142
Flux in iron and steel furnaces.....	ton — \$ —	1,406,492 1,619,432	—	231 3,234	—	—	1,406,723 1,622,666
Flux in non-ferrous smelters.....	ton — \$ —	177,090 163,844	246 1,667	— —	—	—	177,336 165,511
Glass factories.....	ton — \$ —	23,269 69,141	—	— —	—	—	23,269 69,141
Pulp and paper mills.....	ton — \$ —	382,875 1,177,478	12,850 37,232	— —	—	—	395,725 1,214,710
Sugar refineries.....	ton — \$ —	11,227 14,391	— —	— —	—	—	11,227 14,391
Other chemical uses.....	ton — \$ —	181,575 252,319	— —	— —	—	—	181,575 252,319
Pulverized stone:							
Whiting (substitute).....	ton — \$ —	8,359 51,077	13,168 158,014	— —	—	—	21,527 209,091
Asphalt filler.....	ton 21,991 \$ 51,946	21,748 95,953	265 793	— —	—	—	44,004 148,692
Dusting coal mines.....	ton — \$ —	695 4,845	— —	— —	—	—	695 4,645
Agricultural purposes and fertilizer plants.....	ton — \$ —	608,912 1,468,670	1,486 3,171	— —	— —	— —	610,398 1,471,841
Other uses.....	ton 663 \$ 12,190	51,429 159,308	3,823 24,849	— —	— —	— —	55,915 196,347
Crushed stone for manufacture of artificial stone.....	ton — \$ —	3,800 20,900	7,129 46,098	— —	— —	— —	10,929 66,998
Roofing granules.....	ton 37,613 \$ 44,493	— —	— —	— —	— —	— —	37,613 44,493
Poultry grit.....	ton 5,445 \$ 94,921	2,335 12,997	3,700 27,565	36 396	— —	— —	11,516 135,879
Stucco dash.....	ton 6,050 \$ 80,805	2,045 9,068	354 4,509	— —	— —	— —	8,449 94,402
Terrazzo chips.....	ton 1,485 \$ 20,047	1,320 11,637	19,167 252,794	— —	— —	— —	21,972 284,478
Rock wool.....	ton 163 \$ 2,934	9,118 148,211	— —	46 300	— —	— —	9,327 151,445
Rubble and riprap.....	ton 2,275,680 \$ 3,965,086	1,601,109 1,745,518	— —	27,121 71,688	53,694 48,360	400 400	3,958,004 5,831,052
Crushed stone:							
Concrete aggregate.....	ton 704,267 \$ 1,352,831	9,338,334 11,886,706	— —	1,305,699 2,477,793	6,730 43,745	—	11,355,030 15,761,075
Road metal.....	ton 1,436,232 \$ 2,126,570	15,506,951 16,122,595	4,255 1,004	541,718 275,363	— —	—	17,489,156 18,525,532
Railroad ballast.....	ton 10,999 \$ 23,000	1,593,946 2,102,131	— —	67,240 11,838	— —	—	1,672,185 2,136,969
Other uses.....	ton 405,624 \$ 598,542	1,489,724 1,632,258	1,011 6,140	559,912 794,159	38,074 211,310	—	2,494,345 3,242,402
<b>Total<sup>2</sup></b> .....	ton 4,937,623 \$ 12,757,812	32,618,782 41,280,990	67,770 589,706	2,538,579 4,246,634	98,758 307,735	569 14,763	40,282,081 59,197,662

<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.

TABLE 6. Production of Stone for Various Uses, 1948-1957

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
1948	ton	80,113	975,661	2,997,809	4,568,701	978,325	3,528,324	1,792,700
	\$	2,296,320	1,452,811	3,116,424	4,558,882	974,371	—	—
1949	ton	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	ton	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	ton	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	ton	109,205	1,734,812	8,110,081	6,872,963	1,075,330	4,656,613	2,131,563
	\$	4,229,790	3,049,623	8,335,878	7,912,210	1,225,811	—	—
1953	ton	118,233	1,892,405	6,918,351	7,947,901	904,342	5,579,987	2,163,427
	\$	4,370,095	2,983,924	8,103,289	8,663,413	907,313	—	—
1954	ton	134,718	1,695,336	6,420,930	10,018,259	695,632	5,843,283	2,154,987
	\$	5,071,852	2,951,855	7,518,726	10,468,500	748,095	—	—
1955	ton	137,664	2,352,565	6,537,923	12,561,077	849,905	6,036,032	2,274,211
	\$	5,103,812	3,605,263	8,408,081	14,430,025	850,181	—	—
1956	ton	139,473	2,396,956	10,421,209	15,627,912	1,309,158	7,403,334	2,276,836
	\$	4,929,535	3,721,828	13,280,234	18,442,792	1,262,783	—	—
1957	ton	129,865	2,265,003	11,355,030	17,489,156	1,672,185	9,139,770	2,562,740
	\$	5,737,049	3,414,800	15,761,075	18,525,532	2,136,969	—	—

<sup>1</sup> Does not include limestone used in the Canadian lime industry.<sup>2</sup> Includes shale. In 1955 the shale used totalled 71,599 tons, in 1956, 250,641 tons and in 1957, 397,907 tons.

TABLE 7. Imports and Exports of Stone, by Kinds, 1956 and 1957

		1956		1957	
		Quantity	Value	Quantity	Value
<b>Imports</b>					
Building stone, n.o.p.	cwt.	546,034	596,343	720,588	720,185
Curling stones and handles therefor	pair	3,545	138,954	1,864	72,808
Granite, rough, not hammered or chiselled	—	—	253,344	—	299,681
Granite, sawn only	—	—	102,812	—	107,923
Granite, manufactures of, n.o.p.	—	—	299,385	—	349,932
Marble, rough, not hammered or chiselled	—	—	129,910	—	79,092
Marble, sawn or sand rubbed, not polished	—	—	384,001	—	600,753
Marble, not further manufactured than sawn, for tombstones	—	—	41,836	—	38,511
Marble for churches	—	—	76,000	—	255,228
Marble, manufactures of, n.o.p.	—	—	114,000	—	92,524
Refuse stone	ton	909	11,966	638	9,786
Slate roofing	square	1,987	41,552	1,475	32,766
Slate mantels and manufactures of slate, n.o.p.	—	—	57,021	—	42,157
Chalk, china, cornwall or cliff stone and mica schist	—	—	9,011	—	4,577
Mineral wool	ton	1,400	357,711	1,369	360,074
Whiting, gilders' whiting and Paris white	"	11,356	275,914	9,844	270,325
Manufactures of stone, n.o.p.	—	—	35,124	—	42,494
Chalk, prepared	—	—	5,829	—	4,781
Pumice and pumice stone and lava tufa	—	—	242,656	—	254,427
Grindstones, not mounted and not less than 36 inches in diameter	No.	250	24,620	141	12,982
Grindstones, n.o.p.	"	2,080	7,544	1,575	6,748
Burrstones, rough, in blocks	"	20	731	18	587
Ganister	cwt.	11,248	6,572	13,343	10,094
Roofing granules	ton	100,918	1,961,971	65,160	1,746,903
Stone, crushed	"	1,062,329	1,162,900	1,080,569	1,370,093
Total	—	—	8,337,717	—	8,785,431
<b>Exports</b>					
Building stone, unwrought	ton	475	16,404	585	21,622
Crushed stone	"	21,724	49,291	95,791	284,337
Granite and marble, unwrought	"	10,544	217,196	7,081	126,694
Dressed stone of all kinds	—	—	112,599	—	29,597
Grindstones, manufactured	—	—	92,842	—	45,822
Total	—	—	488,132	—	508,072

## MINERAL STATISTICS

TABLE 8. Employees and their Earnings in the Stone Quarrying Industry, 1953-1957

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						
dollars										
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	38	3,747	4	4,142	10,019,340	1,508,558	12,005,407	13,513,965	
1957 .....	393	46	3,887	5	4,331	10,465,519	1,734,420	12,818,530	14,552,950	

TABLE 9. Workmen in the Stone Quarrying Industry, by Months, 1956 and 1957

Month	1956				Total	1957				Total		
	Quarry		Dressing works			Male	Female	Quarry				
	Male	Female	Male	Female				Male	Female			
January .....	1,779	2	874	—	2,455	1,879	1	743	1	2,624		
February .....	1,680	2	678	—	2,360	1,880	1	749	1	2,631		
March .....	1,760	2	707	—	2,489	2,148	2	829	1	2,980		
April .....	2,443	4	848	—	3,295	2,930	3	955	—	3,888		
May .....	3,250	4	982	—	4,236	3,358	3	931	1	4,214		
June .....	3,455	4	1,062	—	4,521	3,531	4	1,011	1	4,547		
July .....	3,575	4	1,076	—	4,655	3,751	4	1,030	1	4,734		
August .....	3,566	4	1,093	—	4,663	3,701	3	1,012	1	4,717		
September .....	3,545	4	1,067	—	4,616	3,650	4	998	1	4,631		
October .....	3,279	4	1,029	—	4,312	3,429	3	937	1	4,370		
November .....	2,901	4	1,003	—	3,908	3,088	2	877	1	3,968		
December .....	2,262	2	919	—	3,183	2,380	1	776	1	3,158		
Average .....	2,816	4	931	—	3,751	2,983	4	904	1	3,892		
Number of man-hours worked during year .....					9,114,894					9,483,972		

## 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 1957 the quantity of granite shipped was considerably more than in the preceding year.

TABLE 10. Production of Granite,<sup>1</sup> 1948-1957

Year	Short tons	Value	Year	Short tons	Value
		\$			\$
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	9,866,593
1951 .....	1,950,564	6,014,121	1956 .....	2,431,455	6,574,850
1952 .....	2,490,086	7,327,022	1957 .....	4,957,623	12,757,814

<sup>1</sup> 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> 1948-1957

Year	Marl <sup>2</sup>	Limestone, dolomite and marl	Value	Year	Marl <sup>2</sup>	Limestone, dolomite and marl	Value
	tons		\$		tons		\$
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
1952 .....	48,935	15,957,799	22,319,143	1957 .....	146,017	32,618,782	41,280,990

<sup>1</sup> Includes dolomite and marl.

<sup>2</sup> 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, 1948-1957

Year	Short tons	Value	Year	Short tons	Value
		\$			\$
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	833,531
1951 .....	63,962	492,820	1956 .....	56,768	649,999
1952 .....	57,637	524,783	1957 .....	67,770	589,706

## 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, 1948-1957

Year	Short tons	Value	Year	Short tons	Value
		\$			\$
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
1952.....	219,424	649,332	1957.....	2,538,579	4,246,654

## SHALE

During 1957 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 98,758 tons valued at \$307,735. 1957 compared with 83,571 tons valued at \$275,154 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, 1948-1957

Year	Short tons	Value	Year	Short tons	Value
		\$			\$
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 .....	5,681	67,458	1956.....	1,013	11,608
1952 .....	1,250	15,076	1957.....	569	14,765

TABLE 15. Fuel and Electricity used in the Stone Quarrying Industry, 1957

Kind		Quantity	Cost at plant
			\$
Bituminous coal - From Canadian mines .....	short ton	2,164	36,527
- Imported .....	"	774	9,442
Sub-bituminous coal (from Alberta mines only) .....	"	-	-
Anthracite coal .....	"	41	894
Lignite coal .....	"	-	-
Coke (for fuel only) .....	"	587	8,987
Gasoline, (includes gasoline used in cars and trucks) .....	Imp. gal.	2,329,655	869,418
Kerosene or coal oil .....	"	1,225	370
Fuel oil .....	"	3,440,717	778,902
Wood (cords of 128 cubic feet of piled wood) .....	cord	534	3,980
Gas - Liquified petroleum gases (propane, etc.) .....	Imp. gal.	3,900	2,124
- Other manufactured gas .....	M cu. ft.	8,700	308
- Natural gas .....	"	35,211	6,021
Other fuel .....	kwh.	84,430,646	1,234,484
Electricity purchased for power and lighting .....	"	-	-
Electricity purchased for other purposes .....	kwh.	1,487,600	-
<b>Total</b> .....	"	-	<b>2,949,437</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 - 1957

Name	Head office address	Location
<b>GRANITE</b>		
Newfoundland:		
Newfoundland Department of Highways .....	St. John's .....	Various
<b>Nova Scotia:</b>		
Cameron Contracting Ltd. ....	Halifax .....	Purcells' Cove
Coughlan, J.S. <sup>1</sup> .....	Halifax .....	Purcells' Cove
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 <sup>1</sup> .....	R.R. #3, Middleton .....	Nictaux West
Nova Scotia Department of Highways .....	Halifax .....	Various
Scott, T.W., and Co. ....	Box 336, Middleton .....	Nictaux West
<b>New Brunswick:</b>		
Charlotte County Granite Co. Ltd. <sup>1</sup> .....	St. Stephen .....	St. Stephen
Frenette, P.E. ....	Jacquet River .....	Jacquet River
Moncton Crushed Stone Co. Ltd. ....	Box 595, Moncton .....	Westmorland Co.
Stults Monument Works <sup>2</sup> .....	Box 877, Saint John .....	Hampstead
<b>Quebec:</b>		
Adu Granite Inc. <sup>1</sup> .....	P.O. Box 83, Montreal .....	Beebe
Atlas Construction Co. Ltd. <sup>1</sup> .....	4781 Ste. Catharine St. W. Montreal .....	Manicouagan
Atlas Granite Co. Ltd. ....	2548 Blvd. Pie IX, Montreal .....	Guenette
Beebe Granite Works <sup>1</sup> .....	C.P. 10, Beebe .....	Beebe

## List of Firms in the Stone Quarrying Industry - 1957 - Continued

Name	Head office address	Location
<b>GRANITE - Concluded</b>		
<b>Quebec - Concluded:</b>		
Belanger Philippe <sup>2</sup>	601, Rue Principale, St. Flore	Shawinigan Falls Est.
Boiduc, Antonio	St-Sébastien	Ste-Cécile
Bouchard T. Albert <sup>3</sup>	143, Rue Olivier, Cowansville	Lac Roche
Brodies' Limited <sup>4</sup>	Box 670, Iberville	Stanstead, Guénette and Mount Johnson
Bussière and Frère Engr. <sup>1</sup>	St-Sébastien	St-Sébastien
Canada Black Granite, Co. Ltd. <sup>1</sup>	316 Latulippe St. W., Rouyn	Beaudry
Carriere Deschambault Inc. <sup>1</sup>	3444 Blvd. St. Joseph Est., Montréal	St. Alban and St. Gérard
Carriere Dulude Ltée	1873 rue Bélanger Est., Montréal	St. Bruno
Carriere Shawinigan Ltée	Shawinigan	Shawinigan
Carrieres de Thetford Ltée	Thetford Mines	Thetford Mines
Clarke, W.G.	Fort Chamblay	Canton Letellier
Continental Iron & Titanium Mining Ltd.	4202 St. Urbain St., Montréal	Chilton
Deschambault Quarry Corp. <sup>1</sup>	3444, Blvd. St-Joseph, Montréal 36	St-Gérard
Dumas and Voyer <sup>1</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., Montréal	Stanhope
Goyer, Ed. & Frère	St. Bruno	St. Bruno
Granit National Ltée, Le <sup>1</sup>	7, rue Collard, Lac St. Jean	St-Gédéon, St. Anne and St. Joseph d'Alma
Grenier, Elie	Ave de la Montagne, Shawinigan Nord	St. Maurice
Haselton, W.M. Granite Quarries <sup>1</sup>	Beebe	Beebe
Hydro Québec	107, rue Craig O., Montréal	Lac St. Anne
Laroche, H.	Rivière-à-Pierre	Rivière-à-Pierre
Laurentian Granite Co. Ltd.	Lac des Écories	Lac des Écories
Marvel Granite Reg'd.	St. Basile	St. Basile
Matte, A.	St-Basile Centre	St-Basile
Melrose Granite Company of Canada	Guénette	Guénette
Messier, L.	13, rue St. Joseph, Iberville	Iberville
Moreau, P. <sup>1</sup>	Hébertville Station	Hébertville Station
Parent, G.H. <sup>1</sup>	St-Jérôme	St-Jérôme
Parent, R. <sup>1</sup>	Lacoste	Lacoste
Perini, McNamara and Quemont Construction Companies	550 Sherbrooke St. W., Montréal	Chicoutimi Co.
Poisson, M.	Guénette	Guénette
Price Bros. & Co. Ltd.	Kénogami	Kénogami
Quebec Iron and Titanium Corporation	P.O.B. 40 Sorel	Parker Township
Quebec North Shore and Labrador Railway Co.	Seven Islands	Saguenay Co.
Quemont Mining Corp. Ltd.	44 King St. W., Toronto 1, Ontario	Rouyn - Noranda
Rock of Ages Corporation	Barre, Vermont, U.S.A.	Labelle Co.
St. Pierre Y. <sup>1</sup>	Lac des Écories	Labelle Co.
St. Samuel Granit Engr. <sup>1</sup>	St. Samuel Station	St. Samuel
Saguenay Granit Inc.	St. Gédéon	Lac St. Jean
Scotstown Granite Co. Ltd. <sup>1</sup>	Sub. P.O. Pont Viau, Montréal 9	Cap St. Martin
Shawinigan Engineering Co. Ltd.	625 Belmont St., Montréal	Dumoulin Twp.
Silver Granite Industries Ltd. <sup>1</sup>	2251, rue Delormier, Montréal	St. Samuel
Stanstead Granite Quarries Company Limited <sup>1</sup>	Beebe	Graniteville
Suzor, O.	Pont Rouge	Pont Rouge
White Diamond Granite Co. Ltée	1055, boul. des Forges, Trois-Rivières	Portneuf and Wolfe Counties
<b>Ontario:</b>		
Armstrong Bros. Co. Ltd.	Box 396, Brampton Ont.	Marmora
Building Products Ltd.	P.O. Box 6063, Montreal, Quebec	Havelock
Hydro-Electric Power Commission of Ontario	620 University Ave., Toronto	Various
International Ceramic Mining Ltd.	391 Vaughan Rd., Toronto	Melissa
Mill Lake Stone Quarry	36 Burrill St. Parry Sound	McDougall Twp.
Nipissing Black Granite Co. Ltd.	River Valley	River Valley
Parton, Alfred	158 William St. Parry Sound	McDougall Twp.
Scotstown Granite Co. Ltd. <sup>1</sup>	Sub. P.O. Pont Viau, Montreal	Vermilion Bay
Verona Rock Products Ltd.	Verona	Verona
<b>Manitoba:</b>		
Building Products and Coal Co. Ltd.	111 Christie St., Winnipeg	Bird's Hill
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>3</sup>	119 W. Pender St., Vancouver	Burrard
McDonald, J.A. and C.H., Limited <sup>4</sup>	1571 Main St., Vancouver	Sointula
Pacific Silica Limited	397, Oliver	Osoyoos
Trail, City of	1394 Pine Ave., Trail	Trail
Valley Granite Products Ltd.	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. <sup>2</sup>	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

## List of Firms in the Stone Quarrying Industry - 1957 - Continued

Name	Head office address	Location
<b>LIMESTONE - Continued</b>		
<b>Nova Scotia:</b>		
Cook, Bruce .....	R.R. #1, Hubbards .....	East River Point
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
<b>New Brunswick:</b>		
Atlas Construction Co. Limited .....	4781, St. Catherine St. W., Montreal, Quebec .....	Siegas and Green Point
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 Calcaires 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
Bélanger P. .....	Ste. Flore .....	Ste. Flore
Billet A. Ltée .....	Canton Bélanger .....	Canton Bélanger
Campbell Bros & Thompson Ltd. .....	1410 Stanley St., Montreal .....	Bale Comeau
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 Deschambault Inc. <sup>1</sup> .....	3444 Blvd. St. Joseph Est, Montreal .....	St. Marc des Carrières
Carrière Gouin Limitée .....	132 boul. Normand, Trois-Rivières .....	St. Marc des Carrières
Carrières Lagacé Ltée <sup>1</sup> .....	680 Boul. Labelle l'Abord-A-Plouffe .....	St-Martin
Carrière Montréal-Est Ltée .....	11175 St-Léonard, Port Maurice .....	Port Maurice
Carrière Pointe Claire Inc. .....	3125 Montée St-Charles, Ste-Geneviève .....	Pointe Claire
Carrières Roberval Ltée .....	Roberval .....	Roberval
Carrière du St-Barthélemy Ltée .....	St-Barthélemy .....	St-Barthélemy
Carrières du 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-François-de-Sales
Ciment Québec, Inc. .....	St. Basile, Côte Portneuf .....	St. Basile
Dominion Lime Ltd. .....	Lime Ridge .....	Lime Ridge
Entreprises de l'Est Ltée .....	Québec 80, Rue St. Pierre .....	Îles de la Madeleine
Faubert, A. .....	717, Bord du lac, Ville de Lery .....	Chateauguay
Filion, A. .....	Lachute .....	Lachute
Finger and Smith Ltd. .....	78 Victoria Ave., Pointe Claire .....	Pointe Claire
Gagnon and Fils .....	St-Joachim .....	St-Joachim
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
Langlois, A. .....	St-Marc des Carrières .....	St-Marc-des-Carrières
Langlois, J.M. .....	169 St. Laurent, La Prairie .....	La Prairie
Leclerc, J.J., and Fils Ltée .....	Drapeau .....	Drapeau
Michaud & Simard Inc. .....	575 Arago Ouest, Québec .....	Charlesbourg
Ministère de la Voirie .....	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. François .....	St-François de Sales
National Quarries Ltd. .....	P.O. Box 2000 Rosemount .....	Côte St-Michel
Paqulin, M. .....	St-Marc des Carrières .....	St-Marc-des-Carrières
Pénéficien St. Vincent de Paul <sup>1</sup> .....	160 St. François, St. Vincent de Paul .....	Rang St. François
Plourde & Plourde Limitée .....	18 Blvd. Lamarche, Chicoutimi .....	St. Honore
Port Daniel Quarry Reg'd. .....	Port Daniel Est .....	Gascons Ouest
Rioux, Raoul and Maurice .....	Cowansville .....	Cowansville
St. Francis Rock Products and Equipment Ltd. .....	Côte Ste. Marguerite, Montréal .....	St. Laurent
Shawinigan Chemicals Ltd. .....	600 Dorchester St. W., Montréal .....	Bedford
Standard Lime Co. Ltd. .....	Box 98, Station F., Toronto 5, Ontario .....	St. Marc de Carrières and St. Paul
Tanguay, J. .....	Ville-Justine .....	St-Justine
Trappe de N.D. de Mistassini, La .....	Village des Pères .....	Mistassini
Unicapa Inc. .....	1419 Des Gouverneurs, Sillery .....	Acton Vale
Union des Carrières et Payages Ltée .....	496 - 21ème ave., Québec .....	Charlesbourg
Union Construction Limitée <sup>1</sup> .....	24 Montcalm 57, Iberville .....	St-Jean
United Stone Products Ltd. .....	Ste. Geneviève de Pierrefonds .....	Ste-Geneviève de Pierrefonds
Verreault, Elzéar, Ltée .....	253, du Pont, Québec .....	Gifford
Viau, Paul Construction .....	340, boul. du Havre, Valleyfield .....	Valleyfield
<b>Ontario:</b>		
Armstrong Bros. Company Limited .....	Box 396, Brampton .....	Vinemount, Marmora and Ottawa
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 Twp.
Canada Cement Co. Ltd. .....	P.O. Box 490, Station "B", Montreal, Quebec .....	Woodstock
Canada Crushed and Cut Stone Ltd. .....	805 James St. N., Hamilton .....	Dundas and Hagersville
Canadian Dolomite Company .....	Portage du Fort, Quebec .....	Ross Twp.
Canadian Gypsum Company Limited .....	170 Bloor St. W., Toronto .....	Guelph
Carleton Lime Products Co. .....	P.O. Box 26, Carleton Place .....	Ramsay Twp.
Gayuga Quarries Ltd. .....	Cayuga .....	Cayuga
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> .....	Wiarton .....	Bruce Co.
Cope, A., and Sons Ltd. .....	19 Albert St., Hamilton .....	Saltfleet Twp.
Curran and Briggs Limited <sup>2</sup> .....	61 Haverson Blvd., Toronto .....	Cooksville

## List of Firms in the Stone Quarrying Industry - 1957 - Continued

Name	Head office address	Location
<b>LIMESTONE - Concluded</b>		
<b>Ontario - Concluded:</b>		
Cyanamid of Canada Ltd.	Niagara Falls	Ingersoll
Dibble Construction Co. Limited	384 Bank St., Ottawa	Bowesville
Dunville Rock Products	Box 536 Dunnville	Dunn Twp.
Ebel, Building of Stone	Warton	Warton
Frazer-Duntle Co. Ltd.	130 Sparks St., Ottawa	Nepean Twp.
Frontenac Quarries Ltd.	235 Wellington St., Kingston	Kingston
Fulton J.L.	247 Toke St., Timmins	Halleybury
Grandmaître, D., Ltd.	131 Montreal Rd., Eastview	Montreal Rd.
Gray, J., and Sons	Carlisle	Flamboro Twp.
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
Haldimand Quarries and Construction Ltd.	2461 Bloor W., Toronto	Various
Hydro-Electric Power Commission of Ontario	620 University Ave., Toronto	Glen Williams
Industrial Sand & Gravel Co. Ltd.	Cooksville	Matilda, Twp.
Iroquois Rock Co. Reg'd.	P.O. Box 216 Kingston	Horton Twp.
Jameson Lime Co.	110 Hall Ave., Renfrew	Kingston
Kingston Penitentiary	Box 22, Kingston	Kirkfield
Kirkfield Crushed Stone Ltd.	2700 Dufferin St., Toronto	Picton
Lake Ontario Portland Cement Co. Ltd.	P.O. Box 620 Picton	Quarries
Laurentian Stone Co. Ltd., The	82 Cremazie St., Hull	Port Colborne
Law, R.E., Crushed Stone Ltd.	Port Colborne	Orillia Twp.
Limestone Products Ltd.	1109 Millwood Rd., Toronto 17	Barriefield
McGinnis and O'Conner Limited	394 King St. E., Kingston	Mount Nemo
Nelson Crushed Stone Ltd.	Box 410, Oakville	Humberstone Twp.
Niagara Crushed Stone Ltd.	Box 222, Port Colborne	Thorold
Niagara Quarries and Cut Stone Ltd.	Frid St., Hamilton	Eastview
Ottawa Valley Crushed Stone Limited	Box 490, Station "B", Montreal, Quebec	Cornwall Centre
C.A. Pitts General Contractor Ltd.	30 Commercial Rd., Toronto 17	Niagara Falls
Queenston Quarries Ltd. <sup>1</sup>	605 James St. N., Hamilton	Bertie Twp.
Ridgemont Quarries	Box 75, Stevensville	Pelee Island
Rieger Bros. Construction Ltd.	Scudder P.O.	Rohlindale
Robindale Quarries Limited	Talbot St., Picton	St. Catharines
St. Catharines Crushed Stone Ltd.	Thorold	Forbes
Sauve, L.	Forbes	Clinton Twp.
Savigny, R., Quarries Limited <sup>2</sup>	P.O. Box 70, Vineland	Napanee
Storey C.L.	R.R. 2 Bath	Verona
Verona Rock Products Ltd.	Verona	Vineland
Vineland Quarries & Crushed Stone Ltd.	Vineland	Stamford Twp.
Walker Bros. Quarries	P.O. Box 699 Thorold	Haldimand Co.
Welland Canals	32 St. Paul Crescent, St. Catharines	
<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	223 James Ave., Winnipeg	Stony Mountain
Winnipeg Supply and Fuel Co. Ltd.	364 Portage Ave., Winnipeg 1	Moosehorn and Stonewall
<b>Alberta:</b>		
The Canmore Mines, Limited	P.O. Box 107, Canmore	Cascade
Inland Cement Company Limited	Box 555, Edmonton	Cadomin
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>		
Agassiz Lime Quarry	Agassiz	Agassiz
Bar, A.E. <sup>3</sup>	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
Capilano Crushing Co. Ltd.	107 East First Ave., Vancouver	West Vancouver
Cobble Hill Lime Products	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	Skeena
Popcum Marl Products Ltd.	Rosedale	Bridal Falls
<b>MARBLE</b>		
<b>New Brunswick:</b>		
York Marble Ltd.	404 Queen St., Fredericton	Millville
<b>Quebec:</b>		
Delbo Inc.	Bonsecours	North Stukely
Industrial Fillers Ltd.	4820-4th Ave., Montreal	St. Armand
Mab Limitée	St. Georges Est.	Rivière Callaway
Messier Marcellin	St. Armand W.	St. Armand
Missisquoi Stone and Marble Co. Ltd. <sup>1</sup>	Phillipsburg	Philipsburg
Moreau, M.F. <sup>1</sup>	Sainte Thécle	Sainte Thécle
Orford Marble Co. Ltd.	St. Leonard of Port Maurice	Bonsecours
South Stukely Marble and Terrazzo <sup>1</sup>	South Stukely	South Stukely

## List of Firms in the Stone Quarrying Industry — 1957 — Concluded

Name	Head office address	Location
<b>MARBLE — Concluded</b>		
<b>Ontario:</b>		
Bolender's Limited .....	Haliburton .....	Eagle Lake
Bonter Marble Products .....	Box 28 Madoc .....	Madoc
Bonter Marble & Calcium Co. Ltd. <sup>3</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>Nova Scotia:</b>		
Arsenault Monumental Works .....	Box 76, Antigonish .....	North Grant
Wallace Quarries Limited .....	P.O. Box 30, Wallace .....	Wallace
<b>New Brunswick:</b>		
New Brunswick Department of Highways .....	Fredericton .....	Various
Smith, E.A., Estate .....	Shediac .....	Shediac
<b>Quebec:</b>		
Canit Construction Ltd. .....	507 Place D'Armes Montreal .....	Melcheville
Electro, Metallurgical Co. .....	2221 Yonge St., Toronto, Ontario .....	Melcheville
Gagnon, L.P., Ltée .....	7, ave Gagnon, Lévis .....	St-David de Lévis
Hydro-Québec .....	107 ouest Craig St., Montreal .....	Beauharnois
Lacroix, A. .....	Beaudry .....	Beaudry
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 .....	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
Corner, Austin .....	Belfountain .....	Belfountain
Deforest Bros. Quarries .....	Terra Cotta .....	Terra Cotta
Hamilton, J.K. .....	Glen Williams .....	Glen. Williams
Inglewood Quarries Ltd. .....	Brampton .....	Wiarnton
Martins Quarries .....	Glen Williams .....	Glen Williams
Moore, A. .....	Minden .....	Minden
Mountain Sandstone Quarry .....	Georgetown .....	Inglewood
Norrie, Steve .....	27 Mountain View Rd., Georgetown .....	Georgetown
Rice and McHarg Quarries .....	Limehouse R.R. No. 1 .....	Limehouse
Smithson Quarries .....	Terra Cotta .....	Inglewood
Walker Bros Quarry .....	Inglewood .....	Inglewood
Wilson E. .....	Inglewood .....	Inglewood
Zilio, A. .....	Terra Cotta .....	Terra Cotta
<b>Alberta:</b>		
Sil-San Co. .....	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. <sup>3</sup> .....	940 - 8th Ave. W., Calgary .....	Calgary
Burter Industries Limited <sup>4</sup> .....	209 - 6th Ave. S.W., Calgary .....	Calgary
Consolidated Concrete Industries Ltd. .....	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
<b>British Columbia:</b>		
British Columbia Slate Co. Ltd. .....	327 Seymour St., Vancouver .....	Slate Creek

<sup>1</sup> Firms operating dressing works in conjunction with quarry.<sup>2</sup> Did not ship in 1957.

## SECONDARY PRODUCTION - THE STONE PRODUCTS INDUSTRY

In 1957 there were 152 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 \$26,809,997 in 1957, a decline of 3.5 per cent from the 1956 total. The sixty-two works in Ontario accounted for 72 per cent of the total output and the 46 plants in Quebec for 12 per cent. The total number of employees was 2,175 who were paid \$8,088,141 in salaries and wages. Materials used in cutting and dressing processes, including stone, cost \$10,240,047. The latter figure also includes the cost of materials used in producing mineral wool. Expenditures for fuel and electricity amounted to \$993,863.

TABLE 16. Principal Statistics of the Stone Products Industry, Significant Years 1929-1957 and by Provinces, 1956 and 1957

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>
number							
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	2,843,298	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
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 .....	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	1,633,921	2,867,199
Ontario .....	61	1,359	5,229,196	810,420	7,275,576	12,707,827	20,786,164
Manitoba .....	10	65	201,898	10,103	168,891	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
1957							
Newfoundland .....	3	28	62,653	6,721	56,023	121,895	182,833
Prince Edward Island .....	1						
Nova Scotia .....	7	85	212,004	35,114	254,037	407,557	686,908
New Brunswick .....	5	37	96,483	8,865	50,824	183,876	234,578
Quebec .....	46	343	1,011,306	92,253	1,445,388	1,646,439	3,199,946
Ontario .....	62	1,384	5,685,790	766,337	7,246,214	11,468,445	19,336,838
Manitoba .....	10	80	272,356	10,478	218,786	494,707	698,484
Saskatchewan .....	3	19	39,700	1,150	21,000	48,188	70,362
Alberta .....	5	80	232,788	26,366	455,509	417,344	906,420
British Columbia .....	10	121	475,061	46,579	492,266	927,082	1,493,628
Canada .....	152	2,175	8,088,141	993,863	10,240,047	15,715,533	26,809,997

<sup>1</sup> Due to lack of inventory data, figures for value added by manufacture prior to 1954 were obtained by subtracting the cost of materials used, including fuel and electricity, from the total value of factory shipments. In 1954 and 1955 the "Value added" adjustment incorporated the increase or decrease to shipments values resulting from changes in the value of inventories over the period. For these two years, the adjustments that were made used only the change in finished product inventory owned by manufacturers. Beginning with 1956 the calculation of the "Value added" figure was further adjusted to take into account the "Goods in process" as well as the finished goods held at plant or plant warehouse.

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> 1957

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
dollars				
Opening: <sup>2</sup>				
Newfoundland and Prince Edward Island .....	15,318	365	20,098	35,781
Nova Scotia .....	76,885	603	15,277	92,765
New Brunswick .....	25,970	2,868	18,888	47,726
Quebec .....	251,908	29,825	92,980	374,693
Ontario .....	1,510,340	37,869	752,518	2,300,727
Manitoba .....	28,668	56,448	34,546	119,662
Saskatchewan .....	1,022	—	879	1,901
Alberta .....	75,073	—	65,271	140,344
British Columbia .....	116,352	88,474	84,862	289,688
Canada .....	2,101,536	216,452	1,085,299	3,403,287
Closing:				
Newfoundland and Prince Edward Island .....	18,006	1,788	20,501	40,275
Nova Scotia .....	87,522	4,600	21,080	113,202
New Brunswick .....	15,750	3,940	26,803	46,493
Quebec .....	227,877	25,752	81,167	334,796
Ontario .....	1,539,004	157,401	777,144	2,473,549
Manitoba .....	24,033	67,415	49,066	140,514
Saskatchewan .....	940	—	855	1,795
Alberta .....	87,634	—	58,070	145,704
British Columbia .....	107,046	73,568	72,067	252,681
Canada .....	2,107,812	334,444	1,106,733	3,549,009

<sup>1</sup> Book value of all manufacturing inventories owned and held at plant and plant warehouses.<sup>2</sup> The opening inventory for 1957 does not necessarily agree with the closing inventory for 1956, 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, 1956 and 1957

Product	Total selling value at works	
	1956	1957
dollars		
Granite, cut and polished:		
(a) Monuments .....	3,365,049	4,081,461
(b) For building purposes .....	1,261,689	1,440,034
Marble, cut and polished:		
(a) Monuments .....	608,645	500,015
(b) For building purposes .....	712,361	1,099,963
Marble chips and dust .....	3,126	1,585
Limestone:		
(a) Monuments and bases .....	21,948	29,640
(b) For building purposes .....	2,252,722	1,386,498
Semi-finished monuments, bases and markers (all kinds, sold for further processing, except lettering)	147,543	179,201
Finished monuments, lettered only .....	696,970	724,962
Other products <sup>1</sup> .....	18,554,273	17,085,313
Repairs and custom work (re-lettering, etc.) .....	150,229	281,325
Total .....	27,774,555	26,809,997

<sup>1</sup> Includes mineral wool, etc.

TABLE 19. Cost of Materials Used in the Stone Products Industry, 1956 and 1957

Material	Cost at works	
	1956	1957
dollars		
Stone:		
(a) From Canadian quarries .....	1,368,353	1,560,782
(b) Imported .....	942,339	1,158,016
Semi-finished monuments and slabs for further processing except lettering .....	178,177	356,831
Monuments, cut and polished, for lettering only .....	283,312	261,830
Silica sand or ground quartz .....	43,497	28,400
Slag and stone for mineral wool .....	516,455 <sup>1</sup>	452,007 <sup>1</sup>
Coke for mineral wool .....	357,427	386,486
All other materials .....	6,217,899	6,035,695
Total .....	9,907,459	10,240,047

<sup>1</sup> Includes 9,267 tons of stone at \$58,649 and 90,244 tons of slag at \$457,806 in 1956 and 9,207 tons of stone at \$57,391 and 81,054 tons of slag at \$394,616 in 1957.

TABLE 20. Production<sup>1</sup> of Mineral Wool for Building Insulation, 1948 - 1957

Year	Selling value at works	Year	Selling value at works
	\$		\$
1948 .....	5,828,896	1953 .....	9,002,173
1949 .....	7,474,227	1954 .....	9,093,079
1950 .....	8,104,832	1955 .....	9,815,154
1951 .....	7,928,859	1956 .....	10,953,421
1952 .....	7,923,370	1957 .....	10,681,395

<sup>1</sup> (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, 1957

		Quantity	Selling value at works
			\$
4-inch batts .....	sq. ft.	5,689,905	316,998
3-inch batts .....	"	60,077,937	2,526,442
2-inch batts .....	"	155,709,091	6,161,288
Granulated .....	cu. ft.	8,335,924	1,519,573
Bulk or loose wool .....	"	1,072,173	157,094
Total .....	-	-	10,681,395

<sup>1</sup> See footnotes to Tables 20 and 22.

TABLE 22. Producers' Shipments of Mineral Wool for Building Insulation, by Months, 1956 and 1957

	Four-Inch batts	Three-inch batts	Two-inch batts	Granulated wool	Bulk or loose wool
square feet					cubic feet
<b>1956</b>					
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	811,757	58,512
May .....	378,394	4,533,133	13,697,671	815,824	67,231
June .....	504,696	5,606,091	14,015,611	887,978	58,936
July .....	441,665	6,329,548	16,924,105	777,926	129,653
August .....	658,688	7,143,617	16,608,112	845,356	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 .....	277,875	3,796,979	9,782,454	825,684	63,982
<b>Total .....</b>	<b>4,652,527</b>	<b>65,629,088</b>	<b>168,854,775</b>	<b>10,078,227</b>	<b>1,206,219</b>
<b>1957</b>					
January .....	372,015	3,287,793	8,966,629	807,157	94,208
February .....	370,375	3,326,123	8,904,268	603,493	41,926
March .....	292,875	2,540,164	7,679,885	500,127	36,547
April .....	251,383	3,277,811	8,723,564	477,739	42,586
May .....	655,800	4,438,838	11,728,273	596,058	37,540
June .....	697,750	5,720,915	12,607,771	785,300	35,055
July .....	654,759	6,883,381	15,783,782	834,824	86,164
August .....	573,848	6,344,346	15,177,098	804,376	92,010
September .....	403,060	6,448,407	17,779,543	1,073,582	94,447
October .....	560,319	6,697,927	16,461,075	1,302,853	112,126
November .....	447,321	5,964,337	15,274,161	1,241,478	91,668
December .....	296,935	3,737,508	12,373,606	790,305	65,603
<b>Total .....</b>	<b>5,576,440</b>	<b>58,667,550</b>	<b>151,399,635</b>	<b>9,817,292</b>	<b>829,880</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, 1957

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
Open Rock Wool Co. Ltd. ....	Thorold, Ontario
Petroc Industries Limited ....	Vancouver, British Columbia

TABLE 23. Principal Statistics of the Stone Products Industry, Classified According to Type of Ownership,  
1956 and 1957

Type	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number			dollars	
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	23,690,779
Total .....	151	2,147	7,510,722	9,907,459	27,774,555
1957					
Individual ownership .....	75	339	885,838	1,262,222	2,717,925
Partnerships .....	26	180	514,963	505,557	1,443,616
Incorporated companies .....	51	1,656	6,687,340	8,472,268	22,648,454
Total .....	152	2,175	8,088,141	10,240,047	26,809,997

TABLE 24. Principal Statistics of the Stone Products Industry in Canada, Grouped According to Selling Value  
of Factory Shipments 1956 and 1957

Establishments reporting value of factory shipments	Establishments	Employees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number			dollars	
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 " \$49,999 .....	24	148	354,624	312,773	866,689
\$50,000 " \$99,999 .....	33	303	879,620	820,262	2,244,610
\$100,000 " \$199,999 .....	20	303	1,026,810	1,138,774	2,984,954
\$200,000 " \$499,999 .....	9	336	1,113,477	1,200,181	3,137,832
\$500,000 " \$999,999 .....	4	190	671,739	1,316,409	3,194,045
\$1,000,000 " \$4,999,999 .....	3				
\$5,000,000 and over .....	1	715	3,113,621	4,856,915	14,635,066
Head offices .....	—	10	48,138	—	—
Total .....	151	2,147	7,510,722	9,907,459	27,774,555
1957					
Under \$10,000 .....	25	37	64,455	54,238	145,630
\$10,000 to \$24,999 .....	35	113	252,901	221,598	599,402
\$25,000 " \$49,999 .....	25	152	372,090	368,235	935,964
\$50,000 " \$99,999 .....	29	262	758,089	765,091	2,015,660
\$100,000 " \$199,999 .....	13	168	573,448	568,540	1,767,360
\$200,000 " \$499,999 .....	15	401	1,496,984	1,864,770	4,110,711
\$500,000 " \$999,999 .....	7	364	1,407,436	2,441,656	4,859,326
\$1,000,000 " \$4,999,999 .....	2				
\$5,000,000 and over .....	1	564	2,591,339	3,955,919	12,375,944
Head offices .....	—	114	571,399	—	—
Total .....	152	2,175	8,088,141	10,240,047	26,809,997

TABLE 25. Employees, Salaries and Wages in the Stone Products Industry, by Provinces, 1956 and 1957

Province	Number of employees						Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total	
	Male	Female	Male	Female					
dollars									
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	38,785	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	
1957									
Newfoundland .....	6	1	19	—	26	20,620	42,033	62,653	
Prince Edward Island .....									
Nova Scotia .....	15	4	66	—	85	69,706	142,298	212,004	
New Brunswick .....	5	—	32	—	37	18,876	77,607	96,483	
Quebec .....	67	10	266	—	343	282,426	726,880	1,011,306	
Ontario .....	297	90	992	5	1,384	1,891,646	3,794,144	5,685,790	
Manitoba .....	17	3	57	3	80	81,172	191,184	272,356	
Saskatchewan .....	6	1	12	—	19	15,500	24,200	39,700	
Alberta .....	8	7	60	5	80	47,295	185,493	232,788	
British Columbia .....	33	5	83	—	121	201,341	273,720	475,061	
Canada .....	454	121	1,587	13	2,175	2,628,582	5,459,559	8,088,141	

TABLE 26. Production Workers, by Months, 1956 and 1957

Month	1956			1957		
	Male	Female	Total	Male	Female	Total
number						
January .....	1,479	11	1,490	1,374	9	1,383
February .....	1,540	15	1,555	1,442	10	1,452
March .....	1,532	16	1,548	1,462	13	1,475
April .....	1,633	17	1,650	1,586	12	1,598
May .....	1,659	17	1,676	1,587	14	1,601
June .....	1,732	19	1,751	1,666	17	1,683
July .....	1,755	19	1,774	1,716	16	1,734
August .....	1,770	17	1,787	1,713	16	1,729
September .....	1,786	16	1,802	1,701	14	1,715
October .....	1,771	18	1,789	1,677	13	1,690
November .....	1,678	15	1,693	1,595	10	1,605
December .....	1,567	15	1,582	1,470	8	1,478
Average .....	1,649	16	1,665	1,587	13	1,600

TABLE 27. Capital and Repair Expenditures in the Stone Products Industry, 1953-1957

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
thousands of dollars							
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 .....	1,098	2,316	3,414	158	1,425	1,583	4,997
1957 .....	330	1,045	1,375	162	1,085	1,247	2,622

Note: Figures for the current year are preliminary.

TABLE 28. Imports of Mineral Wool and Glass Wool, 1948-1957

Year	Mineral wool		Glass wool		Total	
	Pounds	Value	Pounds	Value	Pounds	Value
		\$		\$		\$
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
1956.....	2,800,906	357,711	2,287,115	786,691	5,088,021	1,144,402
1957.....	2,738,017	380,074	1,456,694	739,955	4,194,711	1,100,029

TABLE 29. Fuel and Electricity Used in the Stone Products Industry, 1956 and 1957

Kind	Quantity	1956		1957	
		Cost at works	Quantity	Cost at works	Quantity
		\$		\$	
Bituminous coal - From Canadian mines .....	ton	924	13,318	1,168	13,792
Imported .....	"	5,439	66,587	3,264	38,391
Sub-bituminous coal from Alberta mines .....	"	4	70	4	70
Anthracite coal .....	"	11	330	40	791
Coke .....	"	1,865	56,937	240	4,886
Gasoline, including gasoline used in cars and trucks .....	Imp. gal.	132,894	58,447	160,488	65,519
Kerosene .....	"	4,685	1,027	25,900	5,239
Fuel oil .....	"	3,961,050	414,132	3,716,977	404,959
Wood .....	cord	39	772	34	347
Gas - Liquefied petroleum gases .....	Imp. gal.	667,496	61,586	395,099	32,036
Natural gas .....	M cu. ft.	79,479	37,588	122,516	86,592
Other fuel .....	-	-	24,689	-	20,563
Electricity purchased .....	kwh.	31,592,843	321,176	27,380,658	320,678
Total .....	-	-	1,056,659	-	993,863

## Directory of Firms in the Stone Products Industry, 1957

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. I., 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>	
Charlotte County Granite Co., Ltd. ....	St. Stephen
Frenette, P.E., Esq. ....	Jacquet River
Kane, M.T., & Co. Ltd. ....	Westmoreland Road, Saint John
Smith, E.A. (Estate) .....	Shediac
Sults Monument Works .....	Saint John
<b>Québec:</b>	
Alelio, S. ....	6776 Sherbrooke St. E., Montreal
Beaulieu, Elzéar, & Fils Ltée Enrg. ....	Ste-Hélène, Co. Kamouraska
Beebe Granite Works .....	Beebe
Berson, L., & Son .....	3884 St. Lawrence Blvd., Montreal
Bissonnette, Alfred, Ltée .....	6554 Durocher Ave., Outremont
Brunet, A. ....	Ornstown
Brunet, J., Limitée .....	4485 Côte-des-Neiges, Montreal
Caron, Conrad .....	Beaucheville
Caron, Eugène, Esq. ....	Ste Anne de Beaupré
Chabot, Fernand, Esq. ....	Scott Junction
Chausse, Edouard, & Fils .....	1650 King St. West, Sherbrooke
Crête, James, Esq. ....	Royal St., Sorel
Dalceggio, F., Esq. ....	4538 Chemin Côte-des-Neiges, Montréal
Daudelin, Rolland, Esq. ....	1395 St. Antoine Street, St. Hyacinthe
Dénicourt, 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-Borromée N., Joliette
Electric Reduction Co. of Canada Ltd. ....	Buckingham
Emslie, John, & Son Reg'd. ....	Beebe Plain
Fortin, Dollard J., Esq. ....	St-David de Lévis
Gignac, Joseph, Esq. ....	St-Alban Village
Godin & Delisle Enrg. ....	855 St. Valler West, Quebec
Gosselin, M. ....	12 Narcisse, Valleyfield
Goyette & Bissonnais .....	Iberville
Houde & Frère Enrg. ....	404 Notre-Dame, Cap-de-la-Madeleine
Jenne, E.H., Esq. ....	Sutton
Kipling, William .....	Riverfield
Lavoie, Roland, Enrg. ....	140 Fussey, Cap-de-la-Madeleine
Lussier, A., Enrg. ....	3290 Cadillac St., Montreal
Marcoux, J.R. ....	888-890 Rue Larivière, Rouyn
Monuments Funéraires de St-Samuel .....	St-Samuel
Paquin, Laurent, Esq. ....	1055 boul. des Forges, Trois-Rivières
Parent, G.H., Esq. ....	349, rue Montigny, St-Jérôme
Provost, Émilien .....	1003 King E., Sherbrooke
Quebec Granite & Marble Reg'd. ....	1864 Darling, Montreal
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
Thériault, J.L. et Fils Ltée .....	710 11ème Avenue, Québec
Todoro & Bigras .....	6752 Sherbrooke St. E., Montreal
Villeneuve & Frère Enrg. ....	1050 De la Canadienne, 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, Limited .....	176 Lakeshore Rd. W., Port Credit
Canadian Gypsum Co., Limited .....	21 Oak St., Weston
Canadian Johns-Manville Co. Ltd. ....	Port Union
Central Granite & Marbie Works .....	1283 Dundas St. W., Toronto

## Directory of Firms in the Stone Products Industry, 1957 — 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 Monuments .....	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
Goldberg Monuments .....	429 Spadina Ave., Toronto
Gypsum, Lime and Alabastine, Canada Limited .....	Caledonia
Hardwick, H.G., & Son .....	676 King St. W., Hamilton
Hargrave's Monument Works .....	Halleybury
Holmes Foundry Company Limited .....	200 Exmouth St., Sarnia
Horvath, Eugene G. .....	261 Pine St., Timmins
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'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
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
Ritchie Cut Stone Co. Ltd., The .....	203 New Toronto St., New Toronto
Rivercourt Memorials .....	296 O'Connor Drive, Toronto
Ronalds, 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 .....	516 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 Wools Limited .....	65 Ormond St., Thorold
Standard Stone Company, Limited .....	1704 Howard Ave., Windsor
Sudbury Memorial Works .....	453 Arnley 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
Guinn & 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>	
Moilaro & 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
Reeson H.G. .....	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
Westroc Industries Ltd. .....	576 West 1st Ave., Vancouver

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