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### THE STONE INDUSTRY IN CANADA, 1939

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

These two major divisions, constituting the Canadian stone industry, represented a capital investment of \$17,204,666 in 1939. Production during the year totalled \$9,022,153 which figure includes the value of the quarry output and the value added by manufacturing in the secondary stone industry. Salaried employees and wage-earners employed in 1939 numbered 4,333 and their combined earnings amounted to \$4,275,353.

The two industries are treated separately in the following review.

#### 1. PRIMARY PRODUCTION - THE STONE QUARRYING INDUSTRY

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

The gross value of all varieties of stone produced in Canada during 1939 totalled \$6,475,696 compared with \$5,556,026 in 1938. Comprising the tonnage shipped in 1939 were 1,192,395 tons of granite valued at \$2,119,501; 4,149,589 tons of limestone at \$3,817,551; 14,124 tons of marble at \$200,054; 176,265 tons of sandstone at \$331,830 and 1,149 tons of slate worth \$6,760. Of the total value of stone sold in 1939, the value of Quebec shipments amounted to 51 per cent, Ontario 35 per cent and British Columbia 6 per cent.

Imports of stone and various stone products during 1939 were appraised at \$963,560 compared with \$768,412 in 1938. Exports of stone from Canada in 1939 were valued at \$215,860 as against \$225,536 in the preceding year.

The number of firms in the stone quarrying industry reported as active in 1939 totalled 452; capital employed amounted to \$12,213,030; employees numbered 3,076; salaries and wages paid aggregated \$2,816,578 and the cost of fuel, electricity and process supplies used was reported at \$1,081,884.

Table 1 - PRINCIPAL STATISTICS OF THE STONE QUARRYING INDUSTRY IN CANADA, 1938 and 1939

	1938	1939
Number of firms .....	429	452
Capital employed ..... \$	11,187,274	12,213,030
Number of employees -		
On salary .....	266	303
On wages .....	2,549	2,773
TOTAL .....	2,815	3,076
Salaries and wages -		
Salaries .....	347,959	472,415
Wages .....	1,950,195	2,344,165
TOTAL .....	2,298,154	2,816,578
Selling value of products (Gross) ... \$	5,556,026	6,475,696
Cost of fuel and electricity ..... \$	433,041	456,966
Process supplies used ..... \$	457,309	624,918
Selling value of products (Net) .... \$	4,665,676	5,393,812

Table 2 - PRINCIPAL STATISTICS OF THE STONE QUARRYING INDUSTRY IN CANADA, BY PROVINCES, 1936 to 1939

Provinces	Year	Num- ber of firms	Capital employed	Fuel, elec- tricity (x) and process supplies used	Number of em- ployees	Salaries and wages paid	Net value of production
Nova Scotia	1936	21	805,155	41,879	218	182,855	333,450
	1937	26	195,131	35,191	127	100,823	243,907
	1938	20	31,891	11,573	61	51,176	135,371
	1939	18	166,286	18,143	80	67,095	115,774
New Brunswick	1936	7	153,353	6,678	130	73,575	127,080
	1937	9	192,761	9,491	93	60,891	129,550
	1938	6	154,258	3,684	75	58,141	116,641
	1939	8	243,358	16,660	136	118,890	249,447
Quebec	1936	192	4,384,921	360,701	1,228	814,973	1,363,666
	1937	184	5,327,000	373,123	1,438	1,022,174	1,853,898
	1938	189	5,219,520	408,199	1,744	1,239,082	2,119,729
	1939	218	5,539,575	531,020	1,903	1,577,265	2,792,570
Ontario	1936	169	5,189,718	385,100	703	731,395	2,013,356
	1937	165	5,914,613	612,870	1,032	1,139,066	3,050,398
	1938	181	4,382,560	429,202	767	741,251	1,893,963
	1939	175	5,609,524	476,867	754	826,949	1,821,244
Manitoba	1936	8	649,810	11,527	54	48,926	60,438
	1937	6	642,363	11,407	40	54,053	53,821
	1938	6	593,148	13,481	43	56,431	88,136
	1939	5	225,359	8,454	48	55,558	75,434
Alberta	1936	3	1,825	305	3	2,411	29,083
	1937	3	6,500	102	1	1,265	27,087
	1938	2	(a)	(a)	(a)	(a)	6,148
	1939	3	6,400	248	5	3,552	14,032

Table 2 - PRINCIPAL STATISTICS OF THE STONE QUARRYING INDUSTRY IN CANADA, BY PROVINCES, 1936 to 1939 - (Concluded)

Provinces	Year	Num- ber of firms	Capital employed	Fuel, elec- tricity (x) and proces- supplies used	Number of em- ployees	Salaries and wages paid	Net value of production
			\$	\$	\$	\$	\$
British Columbia ....	1936	26	716,570	35,514	176	189,081	360,376
	1937	27	579,119	43,364	167	193,072	508,651
	1938	25	505,897	24,211	125	152,073	305,608
	1939	25	622,728	30,483	150	167,269	325,251
TOTAL - CANADA	1936	..	11,899,852	841,704	2,512	2,047,316	4,292,449
	1937	..	12,857,537	1,085,548	2,898	2,576,344	5,853,812
	1938	..	11,187,274	890,550	2,815	2,298,154	4,665,676
	1939	..	12,213,030	1,081,884	3,076	2,816,578	5,593,812

(x) Exclusive of electricity generated by operator.

(a) Included with data relating to lime industry.

Table 3 - AVERAGE NUMBER OF WAGE-EARNERS, BY MONTHS, 1938 and 1939

Month	1938	1939		Month	1938	1939	
		Quarry	Dressing works			Quarry	Dressing works
January ....	1,215	1,166	366	July ....	3,690	3,251	663
February ...	1,223	1,181	432	August ...	3,393	3,166	688
March .....	1,290	1,344	441	September.	3,346	2,926	676
April .....	1,992	1,612	533	October ..	3,515	2,605	616
May .....	2,866	2,357	664	November..	2,901	2,146	599
June .....	3,146	3,067	696	December..	2,050	1,390	498

Table 4 - NUMBER OF WAGE-EARNERS WHO WORKED THE NUMBER OF HOURS SPECIFIED, DURING ONE WEEK IN MONTH OF NORMAL EMPLOYMENT, 1939

Hours	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Alberta	British Columbia	CANADA
	No.	No.	No.	No.	No.	No.	No.	No.
30 hours or less.	1	...	215	9	...	...	...	225
31 - 43 hours ...	...	3	184	53	2	1	15	256
44 hours .....	10	1	219	34	40	3	37	344
45 - 47 hours ...	4	2	185	10	...	2	10	213
48 hours .....	7	42	744	163	...	...	111	1,067
49 - 50 hours ...	10	3	296	12	...	1	...	322
51 - 54 hours ...	50	82	170	92	8	...	...	402
55 hours .....	4	...	152	193	...	...	...	349
56 - 64 hours ...	26	...	323	287	...	3	14	653
65 hours and over	4	2	53	281	...	...	...	340
GRAND TOTAL...	116	135	2,541	1,134	50	10	185	4,171

Total wages paid  
in that week ... \$ 2,043 2,258 41,010 27,172 852 254 4,459 78,048

Table 5 - FUEL AND ELECTRICITY USED, 1938 and 1939

Kind	Unit of measure	1 9 3 8		1 9 3 9	
		Quantity	Cost at works	Quantity	Cost at works
		\$	\$		\$
Bituminous coal - Canadian	short ton	3,662	19,463	2,718	20,751
Imported	short ton	7,521	50,667	6,249	43,661
Anthracite coal .....	short ton	241	5,504	639	5,520
Lignite coal .....	short ton	...	...	191	1,337
Coke .....	short ton	10	117	150	1,401
Gasoline .....	Imp. Gal.	429,039	97,579	364,904	81,682
Kerosene .....	Imp. gal.	23,869	5,243	7,474	1,107
Fuel oil .....	Imp. gal.	144,093	14,071	221,119	23,176
Wood .....	cord	2,471	7,943	2,495	9,717
Gas - natural .....	M cu. ft.	3,500	1,625	3,000	1,400
Other fuel .....	xxx	...	127	...	22
Electricity purchased ....	K. W. H.	16,775,204	230,702	18,738,435	267,392
TOTAL .....	xxx	...	433,041	...	456,966
Electricity generated for own use .....	K. W. H.	179,434	...	1,550,890	...
Cost of explosives and other process supplies used .....	\$	...	457,309	...	624,918

Table 6 - POWER INSTALLATION, 1939

	Ordinarily in use		In reserve or idle	
	Number of units	Total h.p. (according to manufacturers' rating)	Number of units	Total h.p. (according to manufacturers' rating)
Steam engines and steam turbines..	78	3,135	19	997
Diesel engines .....	46	4,445	8	245
Gasoline, gas and oil engines other than diesel .....	145	5,506	18	472
Hydraulic turbines or water wheels	12	980	5	175
Electric motors run by purchased power .....	826	24,168	76	2,577
Electric motors run by own power..	61	2,613	7	295
Boilers .....	49	2,188	14	716

Table 7 - The following table gives the value of construction contracts awarded in Canada from 1925 to 1939, also index numbers of wholesale prices of building materials, index numbers of wage rates and value of total stone produced.

Year	Value of construction contracts awarded in Canada (a)	Value of Canadian primary stone production (b)	Average index numbers of employment in building construction (1926=100) (c)	Average index numbers of wholesale prices of building materials (1926=100) (d)	Index of wage rates in the building trades (1913=100) (e)
	\$	\$			
1925 .....	297,973,000	7,464,777	75.8	102.9	170.4
1926 .....	372,947,900	7,865,874	100.0	100.0	172.1
1927 .....	418,951,600	9,265,304	108.7	96.1	179.3
1928 .....	472,032,600	10,272,501	112.0	97.4	185.6
1929 .....	576,651,800	12,066,532	135.3	99.0	197.5
1930 .....	456,399,600	13,057,209	134.3	90.8	203.2
1931 .....	315,482,000	11,075,184	104.3	81.9	195.7
1932 .....	132,872,400	4,942,211	54.1	77.2	178.2
1933 .....	97,289,800	3,000,326	38.5	78.3	158.0
1934 .....	125,811,500	4,157,131	47.8	82.5	154.8
1935 .....	160,305,000	5,307,563	55.4	81.2	159.8
1936 .....	162,588,000	5,134,153	55.4	85.3	160.8
1937 .....	224,056,700	6,929,360	60.1	94.4	165.3
1938 .....	187,277,900	5,556,026	60.1	89.1	169.4
1939 .....	187,178,500	6,475,696	62.1	89.7	170.7

(a) Compiled by McLean Building Reports Ltd.

(b) Includes all stone.

(c) General Statistics Branch, Dominion Bureau of Statistics.

(d) Internal Trade Branch, Dominion Bureau of Statistics.

(e) Labour Department.

Table 8 - PRODUCTION (SALES) OF STONE FROM CANADIAN QUARRIES, BY KINDS AND BY PROVINCES, 1938 and 1939

Province	Granite	Limestone	Marble	Sandstone	Slate	TOTAL
	(a)	(b)				
<u>1938</u>						
Nova Scotia .....	tons	5,765	20,957	...	36,940	...
	\$	31,768	34,696	...	80,480	...
New Brunswick ...	tons	954	7,985	...	4,340	...
	\$	71,600	19,855	...	28,870	...
Quebec .....	tons	294,446	1,350,019	8,838	42,587	494
	\$	757,531	1,672,260	46,580	51,010	547
Ontario .....	tons	254,917	2,242,964	10,537	4,662	211
	\$	351,941	1,911,841	40,694	16,220	2,469
Manitoba .....	tons	520	30,049	...	...	39,378
	\$	6,120	95,497	...	...	101,617
Alberta .....	tons	...	1,691	...	...	1,691
	\$	...	6,148	...	...	6,148
British Columbia.	tons	148,896	125,842	...	15,325	274
	\$	160,457	124,322	...	41,825	3,295
CANADA .....	tons	705,307	4,288,507	19,375	101,854	979
	\$	1,379,417	3,864,619	87,274	218,405	6,311
						5,556,026

Table 8 - PRODUCTION (SALES) OF STONE FROM CANADIAN QUARRIES, BY KINDS AND BY PROVINCES, 1938 and 1939 (Concluded)

Province	Granite		Limestone		Marble	Sandstone	Slate	TOTAL
	(a)	(b)						
<u>1939</u>								
Nova Scotia .... tons	885	17,239	...	31,711	...	...	...	49,835
\$	20,809	33,941	...	79,167	...	...	...	133,917
New Brunswick .. tons	1,492	52,505	...	21,412	...	...	...	75,409
\$	72,005	142,927	...	51,175	...	...	...	266,107
Quebec ..... tons	505,011	1,904,658	7,600	112,403	683	2,528,355		
\$	1,276,859	1,726,653	168,612	150,792	683	3,323,599		
Ontario ..... tons	495,619	1,931,285	6,519	4,124	47	2,437,594		
\$	625,680	1,624,618	30,642	16,322	649	2,298,111		
Manitoba ..... tons	174	35,969	...	...	...	...	...	36,143
\$	3,544	80,404	...	...	...	...	...	83,948
Alberta ..... tons	...	2,888	5	155	...	...	...	3,048
\$	...	8,166	800	5,314	...	...	...	14,280
British Columbia tons	101,214	205,045	...	6,460	419	515,138		
\$	120,404	200,842	...	29,060	5,423	555,734		
CANADA .... tons	1,102,595	4,149,589	14,124	176,265	1,149	5,443,522		
\$	2,119,501	3,817,551	200,054	331,830	6,760	6,475,696		

NOTE - Not included in the above limestone statistics are 1,344,868 tons of limestone consumed in the cement industry in 1938 and 1,379,858 tons in 1939. Limestone used in the Canadian lime industry is also not included; it is estimated that approximately 900,000 tons of limestone were burned in the manufacture of lime in 1938 and more than 900,000 tons in 1939.

(a) All igneous rocks included.

(b) Includes dolomite, also marl for agricultural purposes.

Table 9 - PRODUCTION (SALES) OF STONE FROM CANADIAN QUARRIES BY KINDS SHOWING PURPOSES FOR WHICH USED, 1938 and 1939

For use as follows	Granite		Limestone		Marble	Sandstone	Slate	TOTAL
	(a)	(b)						
<u>1938</u>								
Building stone - Rough tons	6,468	17,094	59	2,745	...	...	...	26,366
\$	36,819	115,891	1,446	14,289	...	...	...	168,445
Dressed tons	7,234	13,555	180	2,273	...	...	...	23,300
\$	244,501	227,524	1,440	83,692	...	...	...	556,957
Monumental and ornamental stone - Rough tons	14,506	331	353	12	...	...	...	15,202
\$	53,059	1,776	17,592	100	...	...	...	72,527
Dressed tons	3,704	3,454	22	...	...	...	...	7,180
\$	294,001	79,156	2,644	...	...	...	...	375,801
Flagstone .... tons	80	563	...	463	17	...	...	923
\$	28	365	...	2,555	111	...	...	3,059
Curbstone .... tons	5,975	200	...	150	...	...	...	6,325
\$	12,195	750	...	2,000	...	...	...	14,945
Paving blocks .... tons	961	...	...	20	...	...	...	981
\$	10,673	...	...	235	...	...	...	10,908
Lining open-hearth furnaces .... tons	...	634	...	...	...	...	...	634
\$	...	1,440	...	...	...	...	...	1,440

Table 9 - PRODUCTION (SALES) OF STONE FROM CANADIAN QUARRIES BY KINDS SHOWING PURPOSES FOR WHICH USED, 1938 and 1939 (Continued)

For use as follows -	Granite		Limestone		Marble	Sandstone	Slate	TOTAL
	(a)	(b)						
<u>1938 (Concluded)-</u>								
Chemical -								
Flux in iron and steel								
furnaces .....	tons	...	190,366	...	...	...	...	190,366
\$		...	145,416	...	...	...	...	145,416
Flux in non-ferrous								
smelters .....	tons	...	124,238	...	...	...	...	124,238
\$		...	88,255	...	...	...	...	88,255
Glass factories .....	tons	...	308	256	...	...	...	544
\$		...	463	1,158	...	...	...	1,621
Pulp and paper mills..	tons	...	114,572	...	...	...	...	114,572
\$		...	126,980	...	...	...	...	126,980
Sugar refineries .....	tons	...	90	...	...	...	...	90
\$		...	360	...	...	...	...	360
Other chemical uses ..	tons	...	121,927	...	...	...	...	121,927
\$		...	105,368	...	...	...	...	105,368
Pulverized Stone -								
Whiting (substitute)..	tons	...	...	...	...	...	...	...
\$		...	...	...	...	...	...	...
Asphalt filler .....	tons	...	9,631	...	...	...	...	9,631
\$		...	30,050	...	...	...	...	30,050
Dusting coal mines ...	tons	...	761	...	...	...	...	761
\$		...	3,045	...	...	...	...	3,045
Agricultural purposes								
and fertilizer plants	tons	...	128,239	1,400	...	...	...	129,639
\$		...	142,707	3,850	...	...	...	146,557
Other uses .....	tons	...	26,589	...	...	19	26,608	
\$		...	8,162	...	...	105	8,267	
Crushed stone for manu-								
facture of artificial	tons	...	10	2,557	...	...	...	2,567
stone .....	\$	...	10	13,351	...	...	...	13,361
Roofing granules .....	tons	8,889	8	...	...	344	9,241	
	\$	75,468	8	...	...	3,632	79,108	
Poultry grit .....	tons	6	1,222	1,010	...	...	...	2,238
	\$	90	4,568	5,057	...	...	...	9,715
Stucco dash .....	tons	21	137	2,453	...	...	...	2,611
	\$	210	831	12,136	...	...	...	13,177
Terrazzo chips .....	tons	15	...	4,618	...	...	...	4,633
	\$	22	...	19,409	...	...	...	19,431
Rock wool .....	tons	...	4,499	...	...	...	...	4,499
	\$	...	4,204	...	...	...	...	4,204
Rubble and riprap ....	tons	240,151	240,361	3,381	16,829	494	501,216	
	\$	156,607	183,725	3,447	14,906	547	359,232	
Crushed stone -								
Concrete aggregate ...	tons	88,111	885,643	...	7,985	...	...	981,739
	\$	75,230	706,350	...	10,391	...	...	791,971
Road metal .....	tons	529,126	2,327,033	3,106	62,552	105	2,721,922	
	\$	420,514	1,837,424	5,744	81,412	1,916	2,347,010	
Railroad ballast ....	tons	...	77,194	...	8,825	...	...	86,019
	\$	...	49,991	...	8,825	...	...	58,816
TOTAL CANADA(b) ....	tons	705,307	4,288,507	19,375	101,854	979	5,116,022	
	\$	1,379,417	3,864,619	37,274	218,405	6,311	5,556,026	

(a) Includes all igneous rock. (b) Does not include limestone used in Canadian lime and cement industries, but includes marl used for agricultural purposes.

Table 9 - PRODUCTION (SALES) OF STONE FROM CANADIAN QUARRIES BY KINDS SHOWING PURPOSES FOR WHICH USED, 1938 and 1939 (Continued)

For use as follows -	Granite Limestone		Marble	Sandstone	Slate	TOTAL
	(a)	(b)				
<u>1939</u>						
Building stone - Rough. tons	12,098	14,821	88	4,111	...	31,118
\$	64,752	89,191	4,744	17,787	...	176,474
Dressed tons	17,460	17,296	955	4,453	...	40,170
\$	561,253	349,547	145,618	101,448	...	1,157,866
Monumental and ornamental stone .....	Rough tons	4,615	55	211	...	4,857
\$	42,678	12	5,508	...	...	48,198
Dressed tons	3,262	165	5	7	...	3,439
\$	260,375	3,321	800	325	...	264,821
Flagstone .....	tons	99	684	...	820	...
\$	225	2,297	...	3,558	...	6,080
Curbstone .....	tons	1,446	...	...	...	1,446
\$	7,543	...	...	...	...	7,548
Paving blocks .....	tons	775	...	...	...	775
\$	6,253	...	...	...	...	6,253
Lining open-hearth furnaces .....	tons	...	24,331	...	...	24,331
\$	...	17,038	...	...	...	17,038
Chemical -						
Flux in iron and steel plants .....	tons	...	135,583	...	...	135,583
\$	...	107,743	...	...	...	107,743
Flux in smelters .....	tons	...	138,387	...	...	138,387
\$	...	95,924	...	...	...	95,924
Glass factories .....	tons	...	890	173	...	1,063
\$	...	1,112	848	...	...	1,960
Pulp and paper mills..	tons	...	175,154	...	...	175,154
\$	...	206,126	...	...	...	206,126
Sugar refineries .....	tons	...	5,141	...	...	5,141
\$	...	5,764	...	...	...	5,764
Other chemical uses ..	tons	...	121,950	...	...	121,950
\$	...	106,057	...	...	...	106,057
Pulverized stone -						
Whiting (substitute)..	tons	...	100	...	...	100
\$	...	1,250	...	...	...	1,250
Asphalt filler .....	tons	...	19,726	...	...	19,726
\$	...	45,353	...	...	...	45,353
Dusting coal mines ...	tons	...	585	...	...	585
\$	...	2,340	...	...	...	2,340
Agricultural purposes.	tons	...	191,833	672	...	192,505
\$	...	269,553	1,941	...	...	271,294
Other uses .....	tons	...	13,357	1,403	10	14,770
\$	...	50,172	4,766	...	103	55,041
Crushed stone for manu-						
facture of artificial stone .....	tons	173	...	1,143	...	1,316
\$	...	115	...	4,043	...	4,164
Roofing granules .....	tons	10,865	400	80	456	11,801
\$	92,732	630	320	...	5,974	99,706
Poultry grit .....	tons	6	1,645	1,432	...	3,083
\$	90	5,344	7,015	...	...	12,449

Table 9 - PRODUCTION (SALES) OF STONE FROM CANADIAN QUARRIES BY KINDS SHOWING PURPOSES FOR WHICH USED, 1938 and 1939 (Concluded)

For use as follows -	Granite		Limestone		Marble	Sandstone	Slate	TOTAL
	(a)	(b)						
<u>1939 (Concluded)</u>								
Stucco dash .....	tons	20	175	1,300	...	...	...	1,495
	\$	200	1,110	8,088	...	...	...	9,308
Terrazzo chips .....	tons	...	...	3,046	...	...	...	3,046
	\$	...	...	15,205	...	...	...	15,205
Rock wool .....	tons	...	4,665	...	...	...	...	4,665
	\$	...	4,905	...	...	...	...	4,905
Rubble and riprap ....	tons	174,437	218,000	3,326	32,759	683	429,205	
	\$	169,360	152,581	832	17,546	683	341,002	
Crushed stone -								
Concrete aggregate ..	tons	270,224	1,039,666	38	34,708	...	1,344,636	
	\$	255,322	811,536	152	41,968	...	1,109,028	
Road metal .....	tons	201,645	1,836,068	252	95,341	...	2,131,306	
	\$	262,503	1,367,728	168	143,133	...	1,773,337	
Railroad ballast ....	tons	405,272	188,934	...	6,060	...	600,266	
	\$	396,265	120,557	...	6,060	...	522,332	
TOTAL CANADA(b) ...	tons	1,102,395	4,149,539	14,124	176,265	1,149	5,443,522	
	\$	2,119,501	3,817,551	200,054	351,830	6,760	6,475,696	

(a) Includes all igneous rock. (b) Does not include limestone used in Canadian lime and cement industries, but includes marl used for agricultural purposes.

Table 10 - PRODUCTION OF GRANITE(x) IN CANADA, FOR YEARS SPECIFIED

Year	Short tons	\$	Year	Short tons	\$
1913 .....	(a)	1,655,791	1932 .....	490,822	1,110,532
1914 .....	(a)	2,176,602	1933 .....	256,723	679,585
1915 .....	(a)	1,525,553	1934 .....	200,285	781,739
1916 .....	(a)	1,247,267	1935 .....	326,354	1,126,287
1917 .....	(a)	659,412	1936 .....	941,743	1,319,313
1918 .....	(a)	590,871	1937 .....	1,135,099	1,827,433
1919 .....	(a)	850,563	1938 .....	705,307	1,379,417
1920 .....	(a)	1,508,916	1939 .....	1,102,395	2,119,501

(x) Includes all igneous rock.

(a) Information not available.

Large areas in Canada are underlain by granite, much of which is suitable for all the purposes for which the stone is used. The stone quarried consists of granite and related crystalline igneous rocks which are used for building, decorative, ornamental, or construction purposes, and is obtained from properties in Nova Scotia, New Brunswick, Quebec, Ontario, Manitoba and British Columbia. Granite is employed for building purposes mainly in the larger buildings such as public and semi-public structures and institutions. In the building trade, coloured granites are being used to an increasing extent in the form of thin polished slabs for trim for buildings where contrast is called for in the main colour scheme. At present, the so-called "black granite" and the "grey" seem to be in most demand for monuments. Stone used in the National Memorial at Ottawa was quarried during 1938 from Rivière-a-Pierre district northeast of Three Rivers, Quebec; more than 800 tons of dressed granite were used in the erection of the memorial. The largest block used weighed over 40 tons dressed.

Owing to the restriction of shipments from the Scandinavian countries to the United States as well as to Canada, a possible Canadian export market is worth careful study on the part of Canadian producers of monument stock, especially in the blacks and reds. (Bureau of Mines, Ottawa)

Table 11 - PRODUCTION OF LIMESTONE IN CANADA, FOR YEARS SPECIFIED

Year	Short tons	\$	Year	Short tons	\$
1913 .....	(a)	3,204,091	1932 .....	5,687,241	5,227,715
1914 .....	(a)	2,672,781	1933 .....	2,572,911	2,142,516
1915 .....	(a)	2,312,081	1934 .....	3,747,779	3,157,832
1916 .....	(a)	2,224,091	1935 .....	3,631,665	3,253,573
1917 .....	(a)	2,283,659	1936 .....	3,731,548	3,143,872
1918 .....	(a)	2,342,493	1937 .....	5,542,806	4,673,942
1919 .....	(a)	3,074,815	1938 .....	4,283,507	3,864,619
1920 .....	(a)	5,665,693	1939 .....	4,149,589	3,817,551

(a) Data not available.

Limestone, on account of the great variety and importance of its industrial uses, is the most useful of all rocks. It is quarried in all provinces of Canada except Prince Edward Island and Saskatchewan. New uses are continually being developed, especially for ground and pulverized limestone in chemical processes.

Rock-wool plants in Canada were active during the year and it is of interest to note that Canadian rock-wool, made from argillaceous dolomite, was exported to England, Switzerland, Finland, Holland, South Africa, British West Indies, and the Argentine.

Dolomite is acquiring importance in Europe as a raw material for making metallic magnesium. Canada possesses ample deposits of high-grade dolomite and developments are being watched with interest in this country.

The application of the use of limestone in agriculture in Canada is capable of enormous development and is worthy of serious attention on the part of the producers.

Although limestone is widely distributed throughout Canada and is quarried on a large scale from numerous quarries, it is one of the low-priced industrial minerals and, in consequence, it has been found more advantageous to employ foreign material at certain consuming centres in Canada, where it can be delivered more cheaply than from a domestic source. Such material is imported in considerable quantities from the United States and Newfoundland for use as blast furnace flux, and from the United States alone for road metal, and for some pulp mills in Ontario near the International boundary.

An appreciable increase has occurred in the production of limestone for structural use in Canada during the past year, particularly from Ontario and Quebec. The limestone deposits now being worked for building stone are favourably situated with respect to centres of population and the supply of stone is adequate for present and future demands.

Variety in the resources of limestone is an important factor insofar as utilization is concerned. Hard, tough, siliceous limestone is preferred for making

of road metal and railway ballast. Agillaceous limestone, having a low content of magnesium carbonate, is utilized in the Portland cement industry. Agillaceous, magnesian limestone is desired for making rock-wool. The glass industry can use siliceous limestone provided the iron content is low. For most chemical and metallurgical uses, however, pure limestone, generally of the high-calcium variety, is preferred. Furthermore, where the limestone is to be used in its calcined state, it should be free from such impurities as would make the lime dark in colour. The great proportion of limestone products ranging from flux stone of various sizes down to granules for poultry grit and roofing granules, require careful crushing and screening. The pulverized products must also be very carefully prepared to conform to stringent specifications regarding fineness. Recent years have witnessed an increasing demand for washed stone. (Bureau of Mines, Ottawa).

Table 13 - PRODUCTION OF MARBLE IN CANADA, FOR YEARS SPECIFIED

Year	Short tons	\$	Year	Short tons	\$
1913 .....	(a)	240,975	1932 .....	12,379	250,706
1914 .....	(a)	132,533	1933 .....	10,997	65,913
1915 .....	(a)	158,027	1934 .....	13,783	69,475
1916 .....	(a)	118,810	1935 .....	15,975	85,369
1917 .....	(a)	55,320	1936 .....	22,866	169,698
1918 .....	(a)	550	1937 .....	21,642	38,595
1919 .....	(a)	213,982	1938 .....	19,375	87,274
1920 .....	(a)	240,593	1939 .....	14,124	200,054

(a) Data not available.

The production of marble depends largely on the status of the building industry in Canada for the market for Canadian marbles is mainly domestic.

The Canadian market calls for interior decorative marble almost entirely, and very little is used for the exteriors of buildings. A considerable amount is, however, used for tombstones. In recent years there has been an increasing demand for marble in the form of terrazzo for flooring, replacing slabs or tiles.

Marble quarries are operated in the provinces of Quebec, Ontario, Manitoba, and British Columbia and furnish many colour varieties.

Several developments of interest occurred during the year. A newly incorporated company--MAB, Limited, with head office at Quebec--was formed to engage in the quarrying of red marble and slate near St. Joseph de Beauce, Beauce county, Quebec.

In Ontario, in the quarry of the Silvertone Black Marble Quarries, Limited, at St. Albert, a 40-inch bed of marble was uncovered that, by virtue of its uniform quality and freedom from flaws, is a potential source of material for the turning of monolithic pillars.

In Alberta, a number of blocks of travertine were quarried from a deposit on the north bank of the Bow river, near Radnor, 35 miles west of Calgary.

Many deposits of beautifully coloured marbles, particularly in Ontario, Quebec, and British Columbia, have never been fully investigated, chiefly because the present demand in Canada for marble of any one colour other than for a staple

variety, such as, white, is comparatively small. The demand for marble of a certain colour also changes from time to time; at present, there is little call for red and blue, but buff and black marbles are in vogue. (Bureau of Mines, Ottawa).

Table 14 - PRODUCTION OF SLATE IN CANADA, FOR YEARS SPECIFIED

Year	Short tons	\$	Year	Short tons	\$
1913 .....	1,432	6,444	1932 .....	250	3,750
1914 .....	1,075	4,337	1933 .....	250	3,750
1915 .....	397	2,039	1934 .....	738	4,802
1916 .....	1,262	6,223	1935 .....	1,129	4,329
1917 .....	1,422	7,789	1936 .....	1,247	5,414
1918 .....	953	5,124	1937 .....	900	5,519
1919 .....	1,632	10,353	1938 .....	979	6,311
1920 .....	(a)	14,200	1939 .....	1,149	6,760

(a) Data not available.

In 1939 slate was shipped from quarries located in Quebec, Ontario and British Columbia and was sold in the form of roofing slates, granules, flour and rubble and riprap.

FOR TABLE 12, SHOWING PRODUCTION OF SANDSTONE IN CANADA, SEE PAGE 15

WHITING SUBSTITUTE IN 1939

(Bureau of Mines - Ottawa)

Whiting substitute, as the name implies, is chiefly used as a substitute for whiting made from chalk, from which it differs in certain of its characteristics and because of this it also has a field of usefulness of its own. It finds its principal uses in the manufacture of oilcloth, linoleum, certain kinds of rubber products, putty and explosives. In lesser quantities it is used in the manufacture of moulded articles, cleaning compounds and polishes, as a ceramic glaze and for a number of other purposes. At present all whiting substitute produced in Canada is made from white marble or white limestone containing only a small percentage of magnesium carbonate, though in the past a whiting substitute made from white dolomite was produced in Eastern Canada for making putty. The marble and limestone are pulverized to such fineness that practically all of the product will pass a 326-mesh screen, though for certain uses 200-mesh material is suitable.

The principal differences between whiting substitute and chalk whiting are that the former is generally much whiter, has a lower capacity for absorbing oil, and the individual particles are sub-angular rather than rounded.

Whiting substitute is manufactured by Pulverized Products, Limited, Montreal; by Claxton Manufacturing Company, Toronto; by White Valley Chemicals, Limited, Toronto, by Gypsum, Lime and Alabastine, Canada, Limited, Winnipeg; and by F. J. Beale, Limited, Van Anda, Texada Island, British Columbia.

During 1939 White Valley Chemicals, Limited, built a plant at Bobcaygeon, Ontario, to produce whiting substitute from marl.

Carbonate filler, a product closely akin to whiting substitute and made by introducing carbon dioxide gas into milk-of-lime made from high-calcium quicklime, has been produced in Canada for the past three years. Its use up to the present has been as a filler in newsprint and book paper, and its manufacture has been undertaken

by the paper companies using it.

By-product precipitated chalk, made from waste sludge resulting from the manufacture of caustic soda from soda ash and lime, is classed as a whiting substitute, but its usefulness is restricted by the fact that it almost invariably contains a small amount of free alkali. The raw materials for the manufacture of by-product precipitated chalk are available but it is not yet being made in Canada.

Table 15 - PRODUCTION OF STONE FOR BUILDING PURPOSES, CHEMICAL USE, CEMENT MANUFACTURE, CONCRETE AGGREGATE, ROAD METAL AND RAILROAD BALLAST, 1934 - 1939

		For Building stone(a)	For chemical purposes(b)	For concrete aggregate	For road metal	For railroad ballast	For cement manufacture
1934 - tons		52,665	489,580	821,099	2,062,487	345,802	806,546
	\$	490,095	447,429	608,240	1,668,927	209,296	...
1935 - tons		200,899	537,799	804,719	1,976,363	351,302	818,443
	\$	1,258,741	483,709	523,347	1,987,351	211,993	...
1936 - tons		42,335	615,207	1,014,145	1,903,927	784,081	1,180,358
	\$	714,616	553,597	730,617	1,653,134	659,656	...
1937 - tons		49,098	693,947	1,497,655	5,169,136	642,248	1,465,168(c)
	\$	746,370	626,297	1,214,181	2,521,080	570,606	...
1938 - tons		49,666	551,737	981,759	2,721,922	86,019	1,358,689(d)
	\$	725,402	468,000	791,971	2,347,010	58,315	...
1939 - tons		71,288	577,278	1,344,636	2,151,306	600,266	1,407,099(d)
	\$	1,334,340	523,579	1,109,028	1,773,337	522,882	...

(a) Does not include monumental or ornamental stone.

(b) Does not include limestone used in Canadian lime industry.

(c) Includes shale.

(d) Includes 15,821 tons shale in 1938 and 27,241 tons in 1939.

Table 16 - IMPORTS INTO CANADA AND EXPORTS OF STONE, BY KINDS, 1938 and 1939

IMPORTS -	1938		1939	
	Tons	Value	Tons	Value
Curling stone and handles . . . . .	Pair			
Building stone, other than marble or granite, planed, turned, cut or further manufactured than sawn on four sides . . . . .	0.1	10	0.2	11
Flagstone, sandstone, and all building stone, not hammered, sawn or chiselled . . . . .	3,604	20,757	4,586	27,801
Flagstone and building stone, other than marble or granite, sawn on not more than two sides . . . . .	1,849	13,997	1,169	9,644
Granite, rough, not hammered or chiselled . . .	...	62,735	...	67,273
Granite, sawn only . . . . .	...	10,429	...	10,156
Granite, monuments . . . . .	...	16,949	...	10,941
Granite, manufactures of, n.o.p. . . . .	...	8,990	...	6,368
Marble, rough, not hammered or chiselled . . . .	...	23,102	...	20,456
Marble, sawn or sand rubbed, not polished . . . .	...	28,051	...	32,716
Marble, not further manufactured than sawn for tombstones . . . . .	...	11,886	...	11,088
Marble, manufactures of, n.o.p. . . . .	...	8,634	...	11,184

Table 16 - IMPORTS INTO CANADA AND EXPORTS OF STONE, BY KINDS, 1938 and 1939  
(Concluded)

	1938		1939	
	Tons	Value	Tons	Value
<b>IMPORTS (Concluded) -</b>		\$		\$
Ornamental or decorative marble (not chips), unicolour or variegated, of colours or texture not produced in Canada; rough or dressed, etc., for church interiors .....	...	9,743	...	22,373
Paving blocks of stone .....	...	...	...	...
Refuse stone, not sawn, hammered or chiselled .....	303,103	160,618	504,592	287,577
Slate roofing ..... square	1,174	10,651	953	7,856
Slate pencils and school writing slates ....	...	5,244	...	4,618
Slate mantels and manufactures of slate, n.o.p. ....	...	19,935	...	17,785
Chalk, china, Cornwall or cliff stone and mica schist .....	...	22,572	...	22,831
Mineral wool .....	669	45,109	911	44,860
Whiting, gilders' whiting and Paris white ..	10,701	116,923	13,195	152,397
Manufactures of stone, n.o.p. ....	...	30,518	...	16,531
Lithographic stones not engraved .....	...	449	...	...
Chalk prepared .....	...	5,731	...	8,295
Pumice and pumice stone, lava and calcareous tufa, not further manufactured than ground.	...	24,688	...	29,314
Grindstones, not mounted, and not less than 36 inches in diameter ..... No.	840	91,205	849	126,260
Burrstones, rough in blocks ..... No.	22	213	15	210
Ganister .....	360	2,883	255	2,018
 TOTAL .....	...	768,412	...	963,560
 <b>EXPORTS -</b>				
Crushed stone / .....	112,537	198,720	32	32
Granite and marble, unwrought .....	657	5,042	925	10,235
Freestone, limestone, and other building stone, unwrought .....	42	227	94	328
Dressed stone of all kinds .....	...	16,156	...	2,035
Grindstones, manufactured .....	...	5,441	...	6,312
Quartzite .....	...	...	108,397	196,418
 TOTAL .....	...	225,586	...	215,860

/ Included quartzite prior to January 1, 1939.

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, purple (bands), yellow and grey. Shipments of sandstone were made in 1939 from quarries located in all of the provinces with the exception of Prince Edward Island, Manitoba and Saskatchewan.

Table 12 - PRODUCTION OF SANDSTONE IN CANADA, FOR YEARS SPECIFIED

Year	Short tons	\$	Year	Short tons	\$
1913 .....	(a)	306,782	1932 .....	500,480	349,458
1914 .....	(a)	487,140	1933 .....	99,043	103,562
1915 .....	(a)	249,336	1934 .....	115,169	143,283
1916 .....	(a)	146,244	1935 .....	342,824	858,005
1917 .....	(a)	261,256	1936 .....	285,508	495,856
1918 .....	(a)	102,750	1937 .....	235,165	343,871
1919 .....	(a)	86,577	1938 .....	101,854	218,405
1920 .....	(a)	165,149	1939 .....	176,265	531,830

(a) Data not available.

#### DIRECTORY, 1939

#### STONE QUARRYING INDUSTRY

Note - (x) Firms operating dressing works in conjunction with quarry.  
 (a) Did not ship in 1939.

#### GRANITE

<u>Name</u>	<u>Head Office Address</u>	<u>Location</u>
<u>NOVA SCOTIA</u> -		
Bower, A. R.	Box 255, Shelburne	Shelburne
Dauphinec, W. T. (x)	Shelburne	Shelburne
Nixon, W. H. (x)	Nictaux Falls	Nictaux West
Nova Scotia Dept. of Highways	Halifax	Various
Rice Bros.	Laurencetown	Nictaux West and Birchtown
Rice, W. D. (a)	Middleton	Nictaux West
Shelburne Marble and Granite Works (C. G. Reid) (x)	Shelburne	Birchtown
<u>NEW BRUNSWICK</u> -		
Granite Street Pavement & Construction Co. Ltd. (x)	Box 1137, Saint John	Hampstead
Milne Coutts & Co. Ltd. (x)	St. George	St. George
B. Mooney & Sons Realty Ltd. (x)	49 Canterbury St., Saint John	Hampstead
O'Brien & Baldwin (x)	St. George	St. George

DIRECTORY, 1939 - (Continued)

STONE QUARRYING INDUSTRY

Note - (x) Firms operating dressing works in conjunction with quarry.  
(a) Did not ship in 1939.

GRANITE - (Continued)

<u>Name</u>	<u>Head Office Address</u>	<u>Location</u>
<b>QUEBEC -</b>		
Aluminum Power Co. Ltd.	1000 Dominion Square Bldg., Montreal	Chicoutimi Co.
B. and R. Granite Quarry	Beebe	Ogden Twp.
Barrowman & Denny	Beebe	Ogden Twp.
Bernier & Fils (x)	Roberval	Roberval
Bérubé, Lucien (x)	Brownsburg	Chatham Twp.
Boisvert, Leonidas (a)	La Sarre	La Sarre
Bourassa, J. M.	St. Paulin	St. Paulin
Brasseur, S.	McWatters	McWatters
Brodie's Ltd. (x)	1070 Eleury St., Montreal	(Graniteville (Guenette (Mount Johnson
Brunet, Joseph	4411 Cote des Neiges, Montreal	Brownsburg
Bullock, W. W.	Graniteville	Ogden Twp.
Bureau de Reconstruction Economique	St. Joseph d'Alma	St. Joseph d'Alma
Bureau de Reconstruction Economique	Chicoutimi	Various
Bussière, A. L. (x)	St. Sebastien	Gayhurst Twp.
Cloutier, R. L. (x)	Beebe	Beebe
Cote, Valer (a) (x)	187 .. 1st Ave., Quebec	Rivière à Pierre
Delwaide & Goffin (x)	Chicoutimi	Chicoutimi
Deschambault Quarry Corp. (x)	56 rue St. Pierre, Quebec	Stratford Twp.
Didier, Jos. Belley	Jonquière	Jonquière
Dontigny, Alphonse	Glenada	Shawinigan
Drummond Quarry Ltd.	Drummondville	Drummondville
Dufresne Construction Co. Ltd.	1832 Pius IX Blvd., Montreal	Landanet Twp.
Dumas, Arthur & Co.	Rivière à Pierre	Bois Twp.
Dumas, Arthur (x)	Rivière à Pierre	Bois Twp.
Gagnon, Arthur	Chemin St. Louis, Grand'Mère	Grand'Mère
Gingras & Frère Ltée (x)(a)	St. Marc des Carrières	Almaville and Stanhope
Grenier, Elie	Glenada	Glenada
Haselton, W. M. Granite Quarries(x)	Beebe	Stanstead Co.
Henrikson & Hokanson	R. R. 1, Beebe	Graniteville
Interprovincial Construction Inc.(x)	Rigaud	Rigaud
Joron and Theberge	203 rue Racine, Chicoutimi	Chicoutimi
La Compagnie de Construction	Nicolet	Nicolet Co.
Jean Nicolet Ltée	Box 23, Beebe	Beebe
Lacasse & Boulais	Rivière à Pierre	Rivière à Pierre
Laroche, Omer	St. Joseph d'Alma	Signai Twp. and Rivière à Pierre
Le Granit National (x)	Scott Junction	Frontenac Co.
Les Carrières de Granit Frontenac		

DIRECTORY, 1939 - (Continued)

STONE QUARRYING INDUSTRY

Note - (x) Firms operating dressing works in conjunction with quarry.  
(a) Did not ship in 1939.

GRANITE - (Continued)

<u>Name</u>	<u>Head Office Address</u>	<u>Location</u>
<b>QUEBEC (Concluded)</b>		
Maltais, Charles	St. Joseph d'Alma	St. Joseph d'Alma
McIntosh, Robert	Beebe	Beebe
Quebec Dept. of Highways	Quebec	Various
Perron, J. S.	Rivière à Pierre	Portneuf Co.
Port Alfred, Town of	Port Alfred	Port Alfred
Riverin & Riverin	Chicoutimi	Chicoutimi
Rivest and Bacon	Amos	Amos
St. Bruno Quarry & Paving Co. Ltd.	636 Ave. Querbes, Outremont	Chambly Co.
St. Jerome, Ville de	St. Jerome	St. Jerome
St. Maurice Power Corp.	Box 6072, Montreal	La Tuque
Scotstown Granite Co. Ltd. (x)	660 St. Catherine St. W., Montreal	Lingwick Twp.
Silver Granite Co. Ltd. (x)	180 Cote d'Abraham, Quebec	St. Joseph d'Alma St. Samuel Station Graniteville
Stanstead Granite Quarries Co. Ltd. (x)	Beebe	Rivière à Pierre
Voyer, F. & Frère (x) (a)	Rivière à Pierre	Stanstead Co.
Wilkinson, Frank L. (x)	Beebe	
<b>ONTARIO -</b>		
Building Products Ltd.	Box 6063, Montreal, Que.	Verona, Mountain Grove
Campbell Construction Co. Ltd.	137 Wellington St. W., Toronto	Escott Twp.
Fort William, City of	Fort William	Mt. McKay
Grenville Crushed Rock Co. Ltd.	917 Keefer Bldg., Montreal	Hawk Lake
Hewitson Construction Co. Ltd.	Port Arthur	McIntyre Twp.
Horne, Wm. Granite Quarries (x)	Butler via Ignace	Butler
Hydro Electric Power Commission	620 University Ave., Toronto	Kenora Dist.
Ontario Rock Co. Ltd.	320 Bay St., Toronto	Belmont and Methuen Twp.s.
Orser, C. C. & Sons (x)	Verona	Verona
White Star Mines (Bolender Bros.) (x)	Haliburton	Haliburton Co.
<b>MANITOBA -</b>		
Winnitoba Marble Co. Ltd., (x)	1130 Wall St., Winnipeg	Hawk Lake
<b>BRITISH COLUMBIA -</b>		
B.C. Monumental Works Ltd. (x)	27 Kingsway, Vancouver	Granite Island
Canadian National Railways	Montreal, Que.	Various
Canadian Pacific Railways	Montreal, Que.	Ashcroft
Coast Quarries Ltd.	1840 Georgia St. W., Vancouver	Granite Falls

DIRECTORY, 1939 - (Continued)

STONE QUARRYING INDUSTRY

Note - (x) Firms operating dressing works in conjunction with quarry.  
(a) Did not ship in 1939.

GRANITE (Concluded)

<u>Name</u>	<u>Head Office Address</u>	<u>Location</u>
<u>BRITISH COLUMBIA (Concluded)</u>		
Gilley Bros. Ltd.	902 Columbia St., New West- minster	Granite Island
Nelson, City of	Nelson	Kootenay Dist.
Nelson Granite & Monumental Co.	505 Front St., Nelson	Nelson
Prince Rupert, City of	Prince Rupert	Prince Rupert
Trail, City of	Trail	Trail
Vancouver Granite Co. Ltd.	744 West Hastings St., Vancouver	Nelson Island
Vernon Granite & Marble Co. (x)	Box 265, Vernon	Yale Dist.
Wilson, James S. (x)	Sirdar	Sirdar

LIMESTONE

<u>NOVA SCOTIA -</u>		
Eastern Lime Co. Ltd.	Windsor	Windsor
H. & MacD. Lime Co.	Windsor	Windsor
Kirkpatrick, Robie	Kirkhill	Kirkhill
McDonald & McVicar	Baileys Brook	Doctors Brook
Mersey Paper Co. Ltd.	Liverpool	East River
Montgomery, D. J.	North River Bridge	Meadow
Mosher, O. P. and Sons	Musquodoboit Harbour	Musquodoboit Hbr.
North Inverness Lime Crushing Association	Grand Etang	Cheticamp
N. S. Department of Agriculture	Truro	Various
N. S. Department of Highways	Halifax	Various
Smiley, Howard	Newport	Upper Newport

NEW BRUNSWICK -

Brookville Mfg. Co. Ltd.	Brookville	Brookville
Snowflake Lime Ltd.	Saint John	Saint John
St. John Lime Co.	Brookville	Brookville

QUEBEC -

Andorno, J. E.	Cap St. Martin	Cap St. Martin
Babin, Emilien	Rivière Caplane	Riviere Caplane
Beaudry, J. Pitre	41 rue Tache, Joliette	Joliette
Belanger, Michel (a)	St. Ulric	St. Ulric
Bureau de Reconstruction Economique	Quebec	Various
Canada Cement Co. Ltd.	Box 290, Station B, Montreal	Hull and Montreal East
Canadian Quarries Ltd.	2251 Chemin de la Cote St. Michel, Ville St. Michel	Ville St.Michel

DIRECTORY, 1930 - (Continued)

STONE QUARRYING INDUSTRY

Note - (x) Firms operating dressing works in conjunction with quarry.  
(a) Did not ship in 1939.

LIMESTONE (Continued)

Name	Head Office Address	Location
QUEBEC (Continued) -		
Carriere Chateau Enrg.	Chateau Richer	Chateau Richer
Carriere du Cap St. Martin Enrg.	636 Querbes, Outremont	Cap St. Martin
Carriere Gravel Ltée	Chateau Richer	Chateau Richer
Carriere de St. Barthelemy Ltée	St. Barthelemy	St. Barthelemy
Carriere Marcil Ltée	St. Michel Station	Ste. Clothilde
Carriere St. Dominique Ltée	2805 Lacordaire St., Montreal	St. Dominique
Carrieres St. Marc Ltee	St. Marc des Carrières	St. Marc des Carrières
Carriere St. Maurice Ltée	307 rue Alexandre, Trois-Rivieres	Champlain Co.
Carriere Trois-Rivieres Ltée	St. Louis de France	St. Louis de France
Carriere Turcotte & Asselin Enrg.	Chateau Richer	Chateau River
Charbonneau, Lucien & Co.	St. Francois-de-Sales	Laval Co.
Chenel, Rev. J. E.	Port Daniel East	Port Daniel E.
Department of Justice	Ottawa	St. Vincent de Paul
Deschambault Quarry Corp. (x)	56 rue St. Pierre, Quebec	St. Marc des Carrières
Dominion Lime Ltd.	Lime Ridge	Lime Ridge
Drouin, Madame Eva Cimon	Ste-Justine	Ste-Justine
Durocher, Cyrille	11021 Notre Dame E., Montreal E.	Montreal E.
Faubert, Alphonse	De Lery	Ville de Lery
Filion, Adelard	Lachute	Lachute
Fillion, Joseph	200 Notre Dame, Lachine	Lachine
Fontaine, Omer	St. Maurice	St. Maurice
Fortin, Camille	Chambord Station	Chambord Station
Fortin, Georges	St. Honore de Chicoutimi	Chicoutimi
Fuger & Smith Ltd.	Pointe Claire	Pointe Claire
Gagne, Eugene (a)	Metabetchouan	Metabetchouan
Gaspesian Fertilizer Co.	Port Daniel E.	Port Daniel E.
Gauthier, Jos. O., Ltd. (x)	St. Marc des Carrières	St. Marc des Carrières
Gauthier, Rene	7652 Henri Julien, Montreal	Belanger Twp.
Genest, L. G.	St. Bernard	Port Daniel
Gingras & Frere Ltée (x)	St. Marc des Carrières	St. Marc des Carrières
Harrison, George & Cie	Petit Matane	Matane Co.
Kennedy Construction Co. Ltd.	407 McGill St., Montreal	Actonvale
Laberge & Marchand	Chateauguay	Chateauguay
Lagace, Nap.	L'Abord-a-Plouffe	St. Martin
Lakeshore Construction Co.	Pointe-Claire	Pointe-Claire
Langlois, Wilbrod	105 rue St. Pierre, Quebec	Val Brillant

DIRECTORY, 1939 (Continued)

STONE QUARRYING INDUSTRY

Note - (x) Firms operating dressing works in conjunction with quarry.  
(a) Did not ship in 1939.

LIMESTONE - (Continued)

<u>Name</u>	<u>Head Office Address</u>	<u>Location</u>
<u>QUEBEC (Continued) -</u>		
La Pierre a Chaux Ltée	St. Marc des Carrières	St. Marc des Carrières
Lapointe, A. & E. (x)	12034 Lachapelle, Montreal	Cartierville
Lapointe, Emile	St. Dominique, Bagot	St. Dominique, Bagot
Lasalle Products Ltd.	159 W. Jean Talon St., Montreal	Ville St. Michel
Laurentian Stone Co. Ltd.	195 Nicholas St., Ottawa, Ont.	Wrightville
Leclerc, J. J.	Drapeau	Drapeau
Leclerc and Robitaille	Roberval	Roberval
Leroux, L. P.	Beaconsfield	Beaconsfield
Lessard, Joseph	St. Joachim	St. Joachim
Levesque, Armand	Roberval	Roberval
Levesque & Langlois (a)	Rivière-Bleue	Temiscouata
Martineau Fils Ltée (x)	517 Marie-Anne E., Montreal	Pont Vieux, Montreal
Mercure, C.	9 rue St-Denis, St. Hyacinthe	Bagot Co.
Miner, P. H. Co. Ltd.	710 Sun Life Bldg., Montreal	St. Laurent
National Quarries Ltd.	6301 Park Ave., Montreal	Cote St-Michel
Noel, Oscar	61 Montcalm Ave., Hull	Wrightville
O'Connors Inc.	Huntingdon	Huntingdon Co.
Ouimet, Eugene	St. Jean	St. Jean
Paquette, Levis & Cie (x)	Cap St. Martin	Cap St. Martin
Pearson, Honore	Port Daniel Station	Bonneventure Co.
Pelletier, Joseph E.	Ste-Anne des Monts	Ste-Anne des Monts
Quebec Department of Highways	Quebec	Various
St. Francis Rock Products and Equipment Ltd.	8050 Bloomfield Ave., Montreal	St. Laurent Parish
St. Laurent Quarry Ltd.	Ville St. Laurent	Laval Co.
St. Laurent Stone Products & Supplies Ltd.	8050 Bloomfield Ave., Montreal	Cote St. Marguerite
St. Michel Lime Co.	7805 Blvd. St. Michel, Montreal	Montreal
Shawinigan Chemicals Ltd.	Box 6072, Montreal	Bedford
Societe des Agriculteurs de Lévis	249 rue St. Georges, Levis	Lévis
Standard Clay Products Ltd.	Box 189, St. John	St. John
Standard Lime Co. Ltd.	Joliette	St. Paul de Joliette
Tessier, S.	174 Laurier St., Hull	Hull Iwp.
Trappist Fathers	Village des Peres	Village des Peres
Stone & Quarry Ltd. (x)	8013 rue St-Denis, Montreal	St-François de Levis (Sales)
Syndicate de Broyage de Levis	Levis	
Tremblay, Napoleon	51 rue Joffre, Hull	Hull
Trudel, Nap. & Fils	St. Irénée	Charlevoix Co.

DIRECTORY, 1939 (Continued)

STONE QUARRYING INDUSTRY

Note - (x) Firms operating dressing works in conjunction with quarry.  
(a) Did not ship in 1939.

LIMESTONE (Continued)

<u>Name</u>	<u>Head Office Address</u>	<u>Location</u>
<u>QUEBEC (Concluded) -</u>		
Union des Carrières & Pavages Ltée	3 Blvd. Charest, Quebec	Charlesbourg
Valleyfield, City of Verreault, E. Ltd. (x)	Valleyfield 194 rue du Pont, Quebec Pointe-au-Pic	New Salaberry Giffard Pointe-au-Pic
Villeneuve, Francois		
<u>ONTARIO -</u>		
Brunner, Mond Canada, Ltd.	Bank of Commerce Bldg., Toronto	Essex Co.
Campbell Construction Co. Ltd.	137 Wellington St. W., Toronto	Escott Twp.
Canada Cement Co. Ltd.	Box 290, Station B, Montreal	Belleville
Canada Crushed Stone Corp. Ltd.	Sun Life Bldg., Hamilton	(W. Flamboro Twp. (Hagersville
Code, W. H.	Smiths Falls	Various
Coldwater Crushed Stone Ltd.	Coldwater	Simcoe Co.
Collingwood, Town of	Collingwood	Collingwood
Cook, J. S. (x)	Wiarton	Bruce Co.
Curran and Briggs Ltd.	203 Manning Chambers, Toronto	Larchwood
Foster, R. R.	86 Spadina Ave., Ottawa	Nepean Twp.
Gow, James (a)	Fergus	Fergus
Gypsum, Lime & Alabastine Canada Ltd.	Paris	Kespler, Beach- ville and Milton
Hagersville Quarries Ltd.	Hagersville	Hagersville
Haldimand Quarries & Construction Ltd.	137 Wellington St. W., Toronto	Hagersville
Hicks, Wm. & Son (a)	Owen Sound	Owen Sound
Innerkip Quarries Ltd.	445 Fleet St. W., Toronto	Innerkip
Jamieson Lime Co.	Renfrew	Horton Twp.
Kingston Penitentiary (x)	Department of Justice, Ottawa	Portsmouth
Kirby Bros. Supply Co. Ltd.	215 Sussex St., Ottawa	Gloucester Twp.
Kirkfield Crushed Stone Ltd.	445 Fleet St. W., Toronto	Kirkfield
Lapière, M. C.	1994 .. 9th Ave. E., Owen Sound	Owen Sound
Law, R. E., Crushed Stone Ltd.	Port Colborne	Port Colborne
Limestone Products Ltd.	406 Metropolitan Bldg., Toronto	N. Orillia Twp.
Longford Quarries Ltd.	Sun Life Bldg., Hamilton	Longford Mills
McGinnis & O'Connor	King St., Kingston	Barriefield
Noranda Mines Ltd.	1600 Royal Bank Bldg., Toronto	Haileybury
North American Cyanamid Ltd.	Royal Bank Bldg., Toronto	Beachville
Ontario Department of Highways	Parliament Bldgs., Toronto	Various
Ontario Reformatory	Parliament Bldgs., Toronto	Guelph
Ontario Rock Co. Ltd.	320 Bay St., Toronto	Belmont and Methuen Twps.
Pembroke, Corp. of Pirson, John	Pembroke Stevensville	Pembroke Bertie Twp.

DIRECTORY, 1939 (Continued)

STONE QUARRYING INDUSTRY

Note - (x) Firms operating dressing works in conjunction with quarry.  
(a) Did not ship in 1939.

LIMESTONE (Concluded)

<u>Name</u>	<u>Head Office Address</u>	<u>Location</u>
<u>ONTARIO (Concluded) -</u>		
Queenston Quarries Ltd. (x)	76 Sun Life Bldg., Hamilton	St. Davids
Ritchie Cut-stone Co. Ltd.	250 Madison Ave., Toronto	Erin Twp.
Routly Construction Co. Ltd.	21 Dundas Sq., Toronto	Leeds Co.
Walker Bros.	Box 586, Thorold	Stamford Twp.
Wehman, John	88 Pine St., Kingston	Kingston Twp.
White Star Mines (Bolender Bros.)	Haliburton	Haliburton Co.
White Valley Chemicals Ltd.	809 Lumsden Bldg., Toronto	Bobcaygeon
<u>MANITOBA -</u>		
Gillis Quarries Ltd.	Richards & Spruce Sts., Winnipeg	Carson and Stone-wall
Manitoba Dept. of Highways	Winnipeg	Various
Tyndall Quarry Co. Ltd. (x)	1591 Erin St., Winnipeg	Carson
Winnipeg, City of	Winnipeg	Stony Mountain
Winnipeg Supply & Fuel Co. Ltd.	812 Boyd Bldg., Winnipeg	(Spearhill (Stonewall
<u>ALBERTA -</u>		
Löder's Lime Co. Ltd.	Kananaskis	Kananaskis
Summit Lime Works Ltd.	Box 273, Lethbridge	Lethbridge
<u>BRITISH COLUMBIA -</u>		
B. C. Dept. of Highways	Victoria	Varicus
B. C. Pulp & Paper Co. Ltd.	Bank of Nova Scotia Bldg., Vancouver	Quatsino M.D.
Christensen, P. (Koeye Lime Quarries)	Namu	Namu
Cons. Mg. & Smelting Co. of Canada Ltd. (a)	Trail	Proctor
Deeks Sand & Gravel Co. Ltd.	101 W. 1st Ave., Vancouver	(Seymour Creek (Coquitlam
Pacific Lime Co. Ltd.	744 Hastings St. W., Vancouver	Texada Island
Richmond, Geo. W. & Co.	2635 W. 15th Ave., Vancouver	Vancouver
Trail, City of	Trail	Trail

MARBLE

<u>QUEBEC -</u>		
Canada Marble & Lime Co. Ltd.	74 Blvd. Levesque, L'Abord-a-Plouffe	L'Annonciation
Missisquoi Stone & Marble Co. Ltd. (x)	Philipsburg	Philipsburg
White Grit Co.	Hurdman Road, Ottawa	Portage du Fort

DIRECTORY, 1939 (Continued)

STONE QUARRYING INDUSTRY

Note - (x) Firms operating dressing works in conjunction with quarry.  
(a) Did not ship in 1939.

MARBLE (Concluded)

<u>Name</u>	<u>Head Office Address</u>	<u>Location</u>
<u>ONTARIO</u> -		
Bolender Bros. (White Star Mine)(a)	Haliburton	Haliburton
Bonter Marble & Calcium Co. Ltd.	Box 61, Marmora	Marmora Twp.
Connolly Marble, Mosaic & Tile Co. Ltd.	316 Dupont St., Toronto	Madoc Twp.
Orser, S. H. (x)(a)	Verona	Verona
Silvertone Black Marble Quarries Ltd.	305 O'Connor St., Ottawa	St. Albert
Stockloser, Karl	Madoc	Eldorado
<u>ALBERTA</u> -		
Couch, E. J.	502 .. 9th St. N.E., Calgary	Radnor

SANDSTONE

<u>NOVA SCOTIA</u> -		
Fairview Crushed Stone Co. Ltd.	N. Gottingen St., Halifax	Halifax
N. S. Dept. of Highways	Halifax	Various
Stanley Tools	New Britain, Conn., U.S.A.	Pictou Co.
Wallace Quarries Ltd. (x)	Wallace	Wallace
<u>NEW BRUNSWICK</u> -		
Read Stone Co. Ltd. (x)	Sackville	Stonehaven
Smith, E. A. (x)	Shediac	Shediac
<u>QUEBEC</u> -		
Blais, Jos.	32 Mont-Marie, Levis	St. Romauld
Gagnon, L. P.	St-David	St-David
La Cie d'Entreprises Gaspesiennes	Mont Joli	Grand Remou
Pageot and Bouchard	(Ltd.) Everell	Ste. Foy
Quebec Dept. of Highways	Quebec	Various
Rousseau, T. E.	48 .. 2nd Ave., Quebec	New Carlisle
Roy and Cote	Cap Chat	Gaspe Co.
Sherbrooke, City of	Sherbrooke	Sherbrooke
Simard, A.	Pointe au Pic	Pointe au Pic
Vezina Quarry (x)	Ste-Foy	Ste-Foy
<u>ONTARIO</u> -		
Campbell Sandstone Quarries Ltd.(x)	163 Main St., Westboro	Nepean Twp.
Norton, A. W.	Limehouse	Limehouse
Sykes, Thos.	Georgetown	Glen Williams
<u>ALBERTA</u> -		
Oliver, Wm.	Cochrane	Cochrane

DIRECTORY, 1939 (Concluded)

STONE QUARRYING INDUSTRY

Note - (x) Firms operating dressing works in conjunction with quarry.  
(a) Did not ship in 1939.

SANDSTONE (Concluded)

<u>Name</u>	<u>Head Office Address</u>	<u>Location</u>
<u>BRITISH COLUMBIA -</u>		
Canadian Pacific Railways	Montreal	Revelstoke
Consolidated Mg. & Smg. Co. Ltd.	Trail	Kimberley
McDonald, J. A. & C. H. Ltd.(x)	1571 Main St., Vancouver	Haddington Is.

SLATE

<u>QUEBEC -</u>		
Broughton Soapstone & Quarry Co.(a)	Broughton Station	Ste-Therese Twp.
Williamson & Crombie	Kingsbury	Kingsbury
<u>ONTARIO -</u>		
Canada Slate Products Ltd.	11 King St. W.	Toronto
<u>BRITISH COLUMBIA -</u>		
Brown, O. M.	Kapoor	Kapoor
Richardson, Geo. W.	2635 W. 15th Ave., Vancouver	Howe Sound

2. SECONDARY PRODUCTION

THE MONUMENTAL and ORNAMENTAL STONE INDUSTRY, 1939

In 1939 there were 190 stone dressing works whose operations were reported separately from the quarries. These plants were engaged 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 and lettering monuments have not been included.

Output from this industry was valued at \$3,805,989 in 1939, a decline of 2.5 per cent from the total of \$3,902,774 reported for the previous year. The 87 works in Ontario accounted for 54 per cent of the total output and the 44 plants in Quebec for 27 per cent. The average number of employees was 1,257 and \$1,458,780 were paid in salaries and wages. Materials used in the cutting and dressing processes, including stone, cost \$1,259,547 and expenditures for fuel and electricity amounted to \$139,438.

Table 17 - PRINCIPAL STATISTICS OF THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY,  
1929 - 1939

Years	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross value of products at works
1929 .....	220	7,107,162	1,863	3,048,084	138,508	2,788,934	8,224,060
1930 .....	226	7,468,687	1,919	3,044,377	147,459	2,750,870	8,355,605
1931 .....	223	6,880,835	1,436	2,145,023	136,135	1,770,550	5,980,372
1932 .....	206	5,828,109	1,003	1,200,214	108,053	928,572	2,961,914
1933 .....	212	5,461,171	821	841,425	87,562	691,525	2,162,650
1934 .....	213	5,194,702	881	886,309	90,374	834,323	2,407,474
1935 .....	222	5,180,887	1,066	1,174,229	107,336	1,010,090	3,079,118
1936 .....	227	5,766,308	1,245	1,257,808	127,151	1,070,902	3,300,311
1937 .....	229	5,213,431	1,159	1,352,566	122,209	1,142,885	3,371,242
1938 .....	234	5,172,014	1,261	1,560,931	138,259	1,271,650	3,902,774
1939 .....	190	4,991,636	1,257	1,458,780	139,438	1,259,547	3,805,389
Per cent change 1939 from 1938..	...		- 3.5	- 0.3	- 6.5	+0.9	- 2.5

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

Table 18 - PRINCIPAL STATISTICS OF THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY,  
BY PROVINCES, 1938 and 1939

Provinces	No. of Capital plants	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross value of products at works	
1938	\$	\$	\$	\$	\$	\$	
P. E. Island ...	2	48,636	10	10,360	204	11,800	34,143
Nova Scotia ....	10	90,046	41	36,930	2,772	37,812	113,758
New Brunswick ..	5	62,442	22	22,415	1,937	15,330	55,099
Quebec .....	48	1,238,865	309	355,573	54,735	278,666	857,814
Ontario .....	125	2,865,953	674	887,480	82,989	754,124	2,248,014
Manitoba .....	14	196,646	67	58,135	4,250	45,047	137,326
Saskatchewan ...	10	150,058	29	38,950	3,433	34,328	83,345
Alberta .....	7	268,621	37	49,955	2,760	25,221	131,766
British Columbia	13	172,757	72	101,155	5,170	79,322	240,409
CANADA .....	234	5,172,014	1,261	1,560,931	138,259	1,271,650	3,902,774
P. E. Island ...	2)	120,916	35	37,225	2,270	27,660	87,635
New Brunswick ..	5)						
Nova Scotia ....	9	106,829	37	36,726	2,921	42,292	118,019
Quebec .....	44	1,386,105	379	404,286	58,563	401,249	1,051,619
Ontario .....	87	2,610,038	613	765,813	81,541	640,926	2,044,382
Manitoba .....	13	172,770	53	41,346	4,038	38,785	102,658
Saskatchewan ...	10	155,860	39	43,184	3,211	27,113	95,075
Alberta .....	7	260,621	46	51,561	3,272	48,223	154,302
British Columbia	13	171,497	55	78,630	3,822	38,299	171,819
CANADA .....	190	4,991,636	1,257	1,458,780	139,438	1,259,547	3,805,389

Table 19 - CAPITAL EMPLOYED IN THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY,  
1938 and 1939

Provinces	Present value of land, build- ings, fixtures, machinery and tools	Inventory value of materials on hand, finished products and stocks in process	Operating capital (cash, bills and accounts receiv- able, prepaid expenses, etc.)	TOTAL CAPITAL EMPLOYED
	\$	\$	\$	\$
<u>1938</u>				
P. E. Island ...	13,500	22,750	12,436	48,686
Nova Scotia ....	55,174	21,638	22,184	99,046
New Brunswick ..	32,325	16,765	13,352	62,442
Quebec .....	747,011	280,423	271,431	1,298,865
Ontario .....	1,768,681	529,859	567,593	2,865,933
Manitoba .....	71,963	79,519	45,164	196,646
Saskatchewan ...	68,566	38,177	52,295	159,038
Alberta .....	140,084	36,352	92,185	268,621
British Columbia	100,757	27,538	44,442	172,737
CANADA ....	2,998,061	1,053,071	1,120,892	5,172,014
<u>1939</u>				
P. E. Island ...)	46,345	43,173	31,598	120,916
New Brunswick ...)	60,857	12,725	33,247	106,829
Nova Scotia ....	926,464	259,054	200,587	1,386,105
Quebec .....	1,575,165	480,209	563,664	2,619,038
Ontario .....	53,703	77,152	36,915	172,770
Manitoba .....	67,973	36,651	49,236	153,860
Saskatchewan ...	143,786	50,057	86,778	260,621
Alberta .....	96,336	26,461	48,700	171,497
British Columbia	2,975,629	965,432	1,050,525	4,991,636

Table 20 - EMPLOYEES, SALARIES AND WAGES OF THE MONUMENTAL AND ORNAMENTAL STONE  
INDUSTRY, BY PROVINCES, 1938 and 1939

Provinces	Average Number of Employees						TOTAL SALARIES and WAGES	
	On Salaries		On Wages		Salaries	Wages		
	Male	Female	Male	Female				
<u>1938</u>								
P. E. Island ...	2	...	8	...	10	3,500	6,860	10,360
Nova Scotia ....	13	1	27	...	41	15,423	21,507	36,930
New Brunswick ..	5	3	13	1	22	9,328	13,087	22,415
Quebec .....	80	7	222	...	309	118,851	236,722	355,573
Ontario .....	196	16	456	6	674	336,583	550,397	887,480
Manitoba .....	24	4	59	...	67	26,642	31,493	58,135
Saskatchewan ...	15	...	14	...	29	20,626	18,324	38,950
Alberta .....	12	3	20	2	37	25,135	26,800	49,935
British Columbia	22	2	47	1	72	34,388	66,265	101,153
CANADA ....	369	36	846	10	1,261	583,976	971,955	1,560,931

Table 20 - EMPLOYEES, SALARIES AND WAGES OF THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY, BY PROVINCES, 1938 and 1939 (Concluded)

Provinces	Average Number of Employees						Salaries \$	Wages \$	TOTAL SALARIES and WAGES \$
	On Salaries		On Wages		Male	Female			
	Male	Female	Male	Female		TOTAL			
<b>1939</b>									
P. E. Island ...)	6	4	25	...		35	12,007	25,218	37,225
New Brunswick ...)									
Nova Scotia ....	10	1	26	...		37	12,017	24,709	36,726
Quebec .....	73	6	300	...		379	114,660	289,626	404,286
Ontario .....	161	17	426	9		613	233,922	481,891	765,813
Manitoba .....	17	4	31	1		53	15,285	26,061	41,346
Saskatchewan ...	19	2	17	1		39	25,244	17,940	43,184
Alberta .....	13	4	29	...		46	21,424	50,137	51,561
British Columbia	21	1	33	...		55	31,018	47,621	78,639
CANADA ....	320	39	887	11		1,257	515,577	943,203	1,458,780

Table 21 - WAGE-EARNERS, BY MONTHS, 1938 and 1939 (On the last work day of each month)

Months	1 9 3 8			1 9 3 9		
	Male	Female	TOTAL	Male	Female	TOTAL
January .....	615	6	621	647	6	653
February .....	621	5	626	714	6	720
March .....	720	8	728	753	7	765
April .....	830	9	839	837	10	847
May .....	870	10	880	957	10	967
June .....	914	9	923	982	10	992
July .....	945	9	954	1,071	10	1,081
August .....	1,045	9	1,054	1,066	10	1,076
September .....	972	9	981	1,015	10	1,025
October .....	917	8	925	896	9	905
November .....	835	8	843	866	8	874
December .....	756	7	743	785	8	795
AVERAGE .....	846	10	856	887	11	898

Table 22 - HOURS WORKED PER WEEK BY WAGE-EARNERS, 1939 (In one week of highest employment; overtime not included)

Regular hours worked per week	Number of wage-earners	Per cent of total	Regular hours worked per week	Number of wage-earners	Per cent of total
30 hours or less	108	9.9	49 - 50 hours ...	89	8.2
31 - 43 hours ..	138	17.3	51 - 54 hours ...	37	3.4
44 hours .....	350	32.1	55 hours .....	31	2.8
45 - 47 hours ..	41	3.8	56 - 64 hours ...	45	4.1
48 hours .....	150	13.8	65 hours and over	50	4.6
			Total .....	1,089	100.0
			Total wages paid in selected week.	\$ 24,955	

Table 23 - FUEL AND ELECTRICITY USED IN THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY,  
1938 and 1939

Kinds	Unit of measure	1 9 3 8		1 9 3 9	
		Quantity	Cost at works	Quantity	Cost at works
Bituminous coal - Canadian	short ton	238	\$ 2,088	1,427	\$ 8,792
Imported	short ton	1,446	8,318	950	5,991
Anthracite coal .....	short ton	348	3,412	287	3,214
Coke .....	short ton	866	8,116	411	4,158
Gasoline .....	Imp. gal.	12,732	3,512	24,171	2,899
Kerosene or coal oil .....	Imp. gal.	135	37	5,649	1,175
Fuel oil .....	Imp. gal.	35,600	3,181	66,586	4,767
Wood .....	cord	331	1,608	252	1,201
Gas - Manufactured .....	M cu. ft.	107	95	50	31
Natural .....	M cu. ft.	656	437	742	449
Other fuel .....	xxx	...	1,098	...	897
Electricity purchased ....	K. W. H.	10,820,887	106,357	6,512,561	105,864
<b>TOTAL .....</b>	<b>xxx</b>	<b>...</b>	<b>138,253</b>	<b>...</b>	<b>139,438</b>

Table 24 - POWER EQUIPMENT IN THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY,  
1938 and 1939

	Ordinarily in use		In reserve or idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
<u>1 9 3 8</u>				
Steam engines and steam turbines	1	150	...	...
Diesel engines .....	2	97	1	9
Gasoline, gas and oil engines (other than diesel) .....	12	168	2	50
Hydraulic turbines and water wheels .....	1	25	...	...
<b>Total Primary Equipment .....</b>	<b>16</b>	<b>440</b>	<b>5</b>	<b>59</b>
Electric motors run by purchased power .....	727	9,902	58	1,044
<b>TOTAL .....</b>	<b>743</b>	<b>10,342</b>	<b>61</b>	<b>1,103</b>
Electric motors run by power generated by above primary units	1	5	...	...
Stationary boilers .....	2	95	1	80
<u>1 9 3 9</u>				
Steam engines and steam turbines	1	150	...	...
Diesel engines .....	5	196	...	...
Gasoline, gas and oil engines (other than diesel) .....	14	163	1	10
<b>Total Primary Equipment .....</b>	<b>18</b>	<b>419</b>	<b>1</b>	<b>10</b>
Electric motors run by purchased power .....	724	9,796	62	1,082
<b>TOTAL .....</b>	<b>742</b>	<b>10,215</b>	<b>63</b>	<b>1,092</b>
Electric motors run by power generated by above primary units	1	10	...	...
Stationary boilers .....	5	237	1	90

Table 25 - COST OF STONE USED IN THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY,  
1938 and 1939

	Cost at works	
	1938	1939
Granite and marble from Canadian quarries .....	\$ 647,007	521,918
Granite and marble (imported) .....	260,572	307,934
Monuments, cut and polished, for lettering only ...	189,357	106,275
All other materials .....	174,714	323,570
TOTAL .....	1,271,650	1,259,547

Table 26 - PRODUCTS OF THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY, 1938 and 1939

Products	TOTAL SELLING VALUE AT WORKS	
	1938	1939
Granite, cut and polished -		
(a) Monuments .....	1,515,000	1,513,958
(b) For building purposes .....	216,435	438,619
Marble, cut and polished -		
(a) Monuments .....	127,803	129,625
(b) For building purposes .....	369,693	174,275
Marble chips and dust .....	81,312	47,920
Limestone -		
(a) Monuments and bases .....	103,056	55,309
(b) For building purposes .....	832,123	664,270
Finished monuments, lettered only .....	385,669	182,828
Other products .....	210,491	561,560
Repairs and custom work (re-lettering, etc.) .....	55,157	39,627
TOTAL .....	3,902,774	3,805,989

Table 27 - PRODUCTION FROM THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY, BY PROVINCES, 1938 and 1939

	GRANITE		MARBLE		LIMESTONE		Finished monu- ments, lettered only			TOTAL
	Monu- ments	For building purposes	Monu- ments	For building purposes	Marble chips and dust	Monu- ments and bases	For building purposes	Other prod- ucts		
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Prince Edward Island and New Brunswick -										
1938 .....	65,339	1,398	700	14,770	...	...	...	7,275	500	89,842
1939 .....	63,283	87	13,780	...	...	1,610	...	8,595	280	87,635
Nova Scotia -										
1938 .....	71,476	100	11,179	...	...	2,591	...	24,650	3,762	113,753
1939 .....	73,865	2,900	8,356	4,816	...	...	...	25,875	1,709	118,019
Quebec -										
1938 .....	323,656	40,004	28,068	203,539	67,923	15,995	140,785	22,822	17,026	857,814
1939 .....	325,922	281,547	15,298	76,494	37,076	4,795	119,050	34,516	138,921	1,031,619
Ontario -										
1938 .....	819,917	15,123	40,121	142,964	75	63,431	669,865	264,559	231,959	2,248,014
1939 .....	799,165	436	57,932	72,861	513	37,914	539,317	89,320	446,899	2,044,332
Manitoba -										
1938 .....	60,190	670	7,457	8,250	325	11,785	...	34,900	4,650	137,326
1939 .....	71,968	1,911	11,053	5,837	255	6,690	3,591	534	819	102,638
Saskatchewan -										
1938 .....	31,266	670	21,718	175	2,980	4,918	3,475	13,933	4,710	83,345
1939 .....	45,321	24,777	235	4,697	...	...	357	12,589	7,099	95,075
Alberta -										
1938 .....	61,151	8,000	16,316	...	10,009	3,628	18,000	13,480	1,202	131,766
1939 .....	63,924	56,660	20,154	9,350	10,231	2,100	...	9,719	2,364	154,802
British Columbia -										
1938 .....	72,965	150,520	2,244	...	...	3,690	...	3,960	2,050	240,400
1939 .....	72,512	90,301	2,335	300	40	200	1,955	1,630	2,496	171,819
CANADA -										
1938 .....	1,515,000	216,485	127,803	369,698	81,312	109,036	832,123	385,669	265,648	3,902,774
1939 .....	1,513,958	438,619	129,623	174,275	47,920	53,309	664,270	182,328	601,187	3,805,939

Table 28 - TOTAL PRODUCTION IN CANADA OF DRESSED BUILDING STONE, 1925 - 1939

Years	GRANITE		MARBLE		LIMESTONE		Sand-stone	TOTAL
	From	From	From	From	From	From	from	
	quarries	dressing works	quarries	dressing works	quarries	dressing works	quarries	
	\$	\$	\$	\$	\$	\$	\$	\$
1925..	256,651	73,576	223,840	573,602	378,194	1,909,212	18,114	3,412,989
1926..	190,711	74,792	4,500	644,945	662,211	1,969,755	13,036	3,559,950
1927..	267,194	83,377	...	675,126	716,929	1,713,445	8,784	3,463,355
1928..	667,050	314,553	340,585	885,076	702,081	2,861,336	18,000	5,736,681
1929..	746,537	465,185	347,256	1,621,112	944,491	2,739,504	92,500	6,956,585
1930..	1,189,120	902,519	687,115	1,530,108	1,416,277	2,706,390	236,972	8,527,501
1931..	1,011,499	1,052,202	576,458	1,054,952	1,035,767	1,572,131	686,616	6,819,615
1932..	336,632	79,136	188,743	339,627	348,187	636,294	20,580	1,949,199
1933..	114,318	40,224	27,377	73,445	111,235	281,074	19,300	666,973
1934..	216,574	55,957	...	137,902	173,536	280,279	5,500	842,748
1935..	403,951	184,033	16,000	130,227	425,247	837,985	97,400	2,094,843
1936..	171,858	530,306	104,738	175,834	139,064	514,375	167,859	1,654,034
1937..	252,346	179,557	18,297	347,405	248,659	458,450	51,893	1,536,607
1938..	244,501	216,485	1,440	569,698	227,324	832,123	83,692	1,975,263
1939..	561,253	438,619	145,618	174,275	349,547	664,270	101,448	2,435,030

Table 29 - TOTAL PRODUCTION IN CANADA OF DRESSED MONUMENTAL AND ORNAMENTAL STONE,  
1925 - 1939

Years	GRANITE		MARBLE		LIMESTONE		Sand-stone	TOTAL
	From	From	From	From	From	From	from	
	quarries	dressing works	quarries	dressing works	quarries	dressing works	quarries	
	\$	\$	\$	\$	\$	\$	\$	\$
1925..	183,513	1,337,658	...	292,621	754	154,433	...	2,024,034
1926..	196,820	1,619,206	466,648	376,359	3,908	94,446	...	2,757,887
1927..	147,510	1,728,293	449,717	420,651	1,523	97,264	...	2,844,958
1928..	125,744	1,713,933	9,700	404,058	2,237	132,406	...	2,393,153
1929..	149,810	1,815,463	...	391,947	4,722	525,876	...	2,637,818
1930..	111,504	1,815,143	...	350,325	3,577	519,472	...	2,600,019
1931..	251,379	1,584,099	...	257,668	6,300	45,584	...	2,143,050
1932..	196,071	1,164,283	...	180,325	2,532	43,652	...	1,586,361
1933..	215,616	1,111,354	...	200,313	2,868	30,370	...	1,560,521
1934..	244,286	1,271,009	24,342	168,201	3,438	27,036	...	1,733,362
1935..	277,568	1,268,414	...	158,249	1,680	26,690	...	1,732,601
1936..	231,482	1,317,005	...	150,629	...	35,162	...	1,734,278
1937..	278,140	1,468,895	(x) 900	176,101	2,535	117,404	...	1,983,775
1938..	294,001	1,515,000	2,644	127,803	79,156	109,056	...	2,127,640
1939..	260,375	1,513,958	800	129,623	3,321	53,309	325	1,961,711

(x) Sandstone.

DIRECTORY OF FIRMS IN THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY, 1939

NOTE - These dressing works are operated separately from the quarries.

<u>Names of Companies</u>	<u>Location of Plants</u>
<u>PRINCE EDWARD ISLAND</u> -	
Beck, Vere & Son	Main St., Montague
Chandler & Bell	Malpeque Road, Charlottetown
<u>NOVA SCOTIA</u> -	
Coughlan, James S.	Simpson's Siding, Halifax
Keddy, C. L. Monumental Works	171 Kempt Rd., Halifax
Kelly Monumental Works	Bridgewater
Mixon's Monumental Works	R. R. 3, Middleton
Rottler, Roy W.	Main St., Kentville
Steele, John D., & Sons	Commercial St., North Sydney
Tingley, Harold	13 Merkel St., Halifax
Tingley, J. A., Granite Works	Amherst
Truro Marble & Granite Works	92 Walker St., Truro
<u>NEW BRUNSWICK</u> -	
Kane, M. T., & Co. Ltd.	Westmoreland Rd., Saint John
Miramichi Granite & Marble Works	Chatham
St. Stephen Granite Works	Queen St., St. Stephen
Sherrard, T. F., & Son	135 Victoria St., Moncton
Stultz, Chester E.	Hampstead
<u>QUEBEC</u> -	
Anderson, James	Beebe
Beaudet & Frénette Ltée	Mont Joli
Beaulieu, Elzear	Ste. Hélène, Kamouraska
Berson, L., & Son	3896 St. Lawrence Blvd., Montreal
Brault, Z.	1 Champlain St., Valleyfield
Brodie's Ltd.	9th Ave., Iberville
Brunet, Limitée	4485 Chemin Côte des Neiges, Montreal
Canadian Johns-Manville Co. Ltd.	Manville St., Asbestos
Chabot, J. Ray	Scott Junction, Co. Beauce
Chausse, Edouard & Fils	524 King Ouest, Sherbrooke
Cote, Valère, Inc.	187 First Ave., Quebec
Crete, James	190 Sophie St., Sorel
Dalceggio, F.	4583 Chemin Côte des Neiges, Montreal
Daudelin, Napoleon	92 St. Antoine St., St. Hyacinthe
Ducharme, J. Maurice	257 Notre Dame St., Victoriaville
Dugas, Joseph	191 St. Charles Borrome, Joliette
Dussault, Theo. & Cie	Mont Laurier
Fortin, Dollard	St. David de Lévis
Cervais, René	1035 Blvd. Des Forges, Trois Rivières
Gingras, Roch	Ste. Foy
Godin & Delisle	1253 St. Vallier St., Quebec
Gordon Stone Monument Reg'd.	4374 St. Lawrence Blvd., Montreal
Gosselin, Arsene	Beaumont Est
Gosselin, Oscar	Lake Megantic (Frontenac Co.)
Hansford, Frank	14 Baldwin St., Coaticook
Hawkins, S.	1116 Eleury St., Montreal

DIRECTORY - (Continued)

MONUMENTAL AND ORNAMENTAL STONE INDUSTRY, 1939 (Continued)

<u>Names of Companies</u>	<u>Location of Plants</u>
<u>QUEBEC (Concluded) -</u>	
Hurtubise, Albert	6752 Sherbrooke St. E., Montreal
Jacques, André	18 Desjardins St., Levis
Lachute Marble & Granite Works	Main St., Lachute
Lafresnaye, Louis	Rivière du Loup
Lasalle Stone Co. Ltd.	Lafleur Ave., Ville La Salle
National Granite Works Ltd.	Iberville
Ottawa Silica & Sandstone Ltd.	East Templeton
Paquin, Laurent	1043 Blvd. des Forges, Three Rivers
Quinlan Cut Stone Ltd.	Bois Franc Rd., Cartierville
Robertson, Fred	Beebe Jct.
Savard, Armand	27 Lemoine St., Longueuil
Savard, J. Bte.	Ste. Anne de la Perade
Smith Bros. Memorial Art Ltd.	1195 Ducharme St., Montreal
Smith Marble & Cons. Co. Ltd.	207 Van Horne Ave. W., Montreal
Sutton Marble & Granite Co.	Sutton
Thompson, T. C.	270 Wellington St. S., Sherbrooke
Thuot & Denicourt	87 Fourth St., Iberville
Todoro & Bigras	3275 Desautels St., Montreal
<u>ONTARIO -</u>	
Ambroise, L. & Son	48 Alma St., Guelph
Bayview Memorial Co.	Willow Cove
Benzie, W. E.	649 York St., Hamilton
Bowers, Chas. Henry	226 King St., Prescott
Bradfield, W. & Son	335 Main St., Simcoe
Braun Monument Works	16 Andrew St., Kitchener
Brown, R., & Son	376 Sparks St., Ottawa
Brown, Geo. W., Monumental Works	473 Bronson Ave., Ottawa
Campbell, A. C.	21 Bridge St. W., Belleville
Canadian Art Memorials	819 St. Clarens, Toronto
Canadian Cut Stone Co.	5 Isabella St., Ottawa
Canadian Gypsum Co. Ltd.	Oak St., Weston
Colby, C. H. (Chatham Marble & Granite Works)	39 Market Square, Chatham
Coughlin Monumental Works	216 Hunter St. W., Peterboro
Creber Son & Co.	1333 St. Clair Ave. W., Toronto
Doyle, J. E.	269 Eighth St. E., Owen Sound
Excelsior Granite & Marble Works	163 Pitt St. E., Windsor
Fallon Bros.	393 Princess St., Kingston
Froats, George & Co.	Argyle St., Renfrew
Galt Monument Works	62 Water St. N., Galt
Gladstone & Ross	538 East Block St., Fort William
George, J. T.	Port Elgin
Geurd, A. W.	995 Barton St. E., Hamilton
Goldberg Bros.	153 St. Patrick St., Toronto
Guelph Marble and Granite Works (G. H. Farmworth)	Elora Rd., Guelph
Gypsum, Lime and Alabastine, Canada, Ltd.	Caledonia
Hardwick, H. G., & Son	30 Ottawa St. N., Hamilton

DIRECTORY - (Continued)

MONUMENTAL AND ORNAMENTAL STONE INDUSTRY, 1939 (Continued)

<u>Names of Companies</u>	<u>Location of Plants</u>
ONTARIO (Continued) -	
Hayes Bros. Co.	290 Klock Ave., North Bay
Hibberd, Arthur, Cut Stone	195 Melita Ave., Toronto
Humberstone Cut Stone & Monument Works	590 King St., Port Colborne
Ideal Monument Works (T. Rapson)	R. R. 4, Springbank
Insulation Products Ltd.	Todmorden P. O.
Isaac, James, & Son	30 Dupont St., Toronto
Johnston & Cranston	1849 Yonge St., Toronto
Jones & Stevens	277 Rideau St., Ottawa
Kemp & Ronald	Listowel
Kilvington Bros., Ltd.	1357 St. Clair Ave. W., Toronto
Kingsway Monumental Works	112 Gault Ave., Toronto
Kitchener Monument Works	311 King St. E., Kitchener
Lake Superior Granite & Marble Works	111 Wellington St. W., Sault Ste. Marie
Laings Memorials	16 Elm St., Cornwall
Laurin, J. P.	95 George St., Ottawa
London Marble & Granite Co. Ltd.	493 Richmond St., London
McCallum Granite Co. Ltd.	595 Princess St., Kingston
McIntosh Granite Co. Ltd.	1625 Yonge St., Toronto
McIntyre, George Co.	60 Danforth Ave., Toronto
McKay Cut Stone Co.	65 Shalmar Ave., Forest Hill
McMillan Granite Co. Ltd.	105 Ontario St., Sarnia
Memorial Company of Toronto	2299 Bloor St. W., Toronto
Monumental Art Co.	2168 Dundas St. W., Toronto
Napanee Memorial Granite Works	Dundas St., Napanee
National Cut Stone Ltd.	355 Logan Ave., Toronto
Niagara Cut Stone Co. Ltd.	Buttrey St., Niagara Falls
Nicholson's Cut Stone Ltd.	Copeland St., Leaside
Nobbs, E. E.	Williams St. at C.P.R., London
Ontario Marble Co. Ltd.	Maria St., Peterboro
Orillia Monument Co.	252 Coldwater Rd. W., Orillia
Patterson & Cornelius	428 Queenston Rd., St. Catharines
Pine Hills Monument Co.	Danforth & Kennedy, Scarboro Jct.
Pollock & Ingham	151 Main St., Galt
Rhodes Memorials Ltd.	Cayuga
Rigg Bros.	605 Queen St., Niagara Falls
Rivercourt Memorials	300 O'Connor Drive, Toronto
Ritchie Cut-Stone Co. Ltd.	203 New Toronto St., New Toronto
Ritchie Stone Co.	51 Catherine St., Ottawa
Ruch, L. J. & Son	58 Avondale Ave., Stratford
Sanderson, R. J., Marble Co.	33 Peter St. S., Orillia
Sharp Bros. Cut Stone Co. Ltd.	516 Kenilworth St. N., Hamilton
Skelton, E. J., & Son	Yonge St., Walkerton
Smith Memorial Works	1539 Main St. E., Hamilton
Smith Monument Co.	349 Weston Road, Toronto
Spun Rock Wools Ltd.	65 Ormond St., Thorold
Standard Stone Co. Ltd.	1704 Howard Ave., Windsor
Stead, Arthur, Cut Stone Co. Ltd.	Frid St., Hamilton

DIRECTORY - (Continued)

MONUMENTAL AND ORNAMENTAL STONE INDUSTRY, 1939 (Continued)

<u>Name of Companies</u>	<u>Location of Plants</u>
<u>ONTARIO (Concluded) -</u>	
Steiner's Monuments	321 College St., Toronto
Stubbs & Gibson	Morrisburg and Winchester
Strathroy Granite & Marble Co. Ltd.	Strathroy
Sudbury Memorial Works	453 Annley St., Sudbury
Taube Monuments	429 Spadina Ave., Toronto
Thake, H. W.	Mill St., Westport
Thomas, Geo., & Son	Industrial St., Leaside
Thomson Monument Co. Ltd.	862 Dupont St., Toronto
Trenton Marble & Granite Works	Cor. Front & Ford Sts., Trenton
Twin City Monument Co.	King St. E., Kitchener
Wardell Monument Works	2696 Dundas St. W., Toronto
Westport Marble Works	Westport
Wilcox Granite Co.	Plains Road, Hamilton
Williscroft, B. A.	368 Third Ave. E., Owen Sound

<u>MANITOBA -</u>	
Allen & Grant	405 Youville St., St. Boniface
Brunet, Joseph O.	26 Lyndale Drive, Norwood
Cassan Monumental Co.	422 .. 10th St., Brandon
Fort Rouge Monumental Works	465 Gertrude Ave., Winnipeg
Gauthier, Joseph	554½ Des Meurons St., St. Boniface
Guinn & Simpson Co. Ltd.	52 Tupper St. N., Portage la Prairie
Hooper's Memorial Works	481 Notre Dame St., Winnipeg
MacIntyre, A. L.	361 Bannatyne Ave., Winnipeg
Memorial Marble & Tile Co. Ltd.	1180 Wall St., Winnipeg
Neepawa Marble & Granite Works	Neepawa
Peirson, C. H.	201 Sixth St., Brandon
Somerville & Co.	1417 Rosser Ave., Brandon
Wheeldon & Sons	1055 Main St., Winnipeg

<u>SASKATCHEWAN -</u>	
Best Monumental Co.	721 Caribou St. W., Moose Jaw
Cooper's Monumental Co.	2019 Broad St., Regina
Molaro Marble & Stone Works	23rd St. & Pacific Ave., Saskatoon
Moose Jaw Marble & Granite Works Ltd.	706 Athabasca St. E., Moose Jaw
Regina Monumental Co.	2557 Railway St., Regina
Sask. Marble & Construction Co. Ltd.	140 Sixth St. E., Prince Albert
Saskatoon Granite & Marble Works Ltd.	137 Ave. A North, Saskatoon
Western Granite, Marble & Stone Co. Ltd.	714 Second Ave. North, Saskatoon
Yorkton Monumental Works	20 Agricultural Ave., Yorkton
Young, Alex., Ltd.	Scarth St. and 4th Ave., Regina

<u>ALBERTA -</u>	
Alberta Granite, Marble & Stone Co. Ltd.	10702 .. 101st St., Edmonton
Hart, Albert J.	1821 Second St. E., Calgary
Lethbridge Monumental Stone & Tile Works	325 Eighth St. S., Lethbridge
Maclean Granite Co.	Red Deer
McDonald Granite Co. Ltd.	2513 Second St. E., Calgary

DIRECTORY - (Concluded)MONUMENTAL AND ORNAMENTAL STONE INDUSTRY, 1939 (Concluded)

<u>Name of Companies</u>	<u>Location of Plants</u>
<u>ALBERTA</u> (Concluded) -	
North West Granite & Marble Co.	8557 .. 109th St., Edmonton
Somerville Calgary Monumental Co.	121 .. 13th Ave. W., Calgary
<u>BRITISH COLUMBIA</u> -	
Allan, A. S., & Co. Ltd.	380 Beach Ave., Vancouver
Art Monument Co. Ltd.	602 Kingsway, Vancouver
Bertram Marble and Granite Works	4880 Fraser Ave., Vancouver
Burnaby Monumental Works	2655 Patterson Ave., Burnaby
Continental Marble Co. Ltd.	1002 Georgia St. E., Vancouver
Forster Monumental Works	5529 Fraser St., Vancouver
Kingsway Monumental Works	3070 Kingsway St., Vancouver
Mortimer, J., & Son	George Rd. and Government St., Victoria
Nanaimo Monumental Works	Pine St. and Comox Road, Nanaimo
Patterson & Chandler	5498 Fraser St., Vancouver
Stewart Monumental Works Ltd.	1401 May St., Victoria
Westaway's Monumental Works	143 Columbia St. E., New Westminster
Willey Monument Works	4695 Fraser Ave., Vancouver