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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
MINING, METALLURGICAL & CHEMICAL BRANCH

THE LIME INDUSTRY
IN
CANADA
1943



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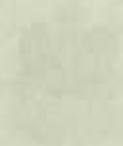
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Dominion Statistician:	S. A. Cudmore, M.A. (Oxon.), F.S.S., F.R.S.C.
Chief - Mining, Metallurgical and Chemical Branch:	W. H. Losee, B.Sc.
Mining Statistician:	R. J. McDowall, B.Sc.

LIME INDUSTRY, 1943

Production of quick and hydrated lime in Canada during 1943 totalled 907,768 short tons valued at \$6,832,992 compared with 384,830 short tons worth \$6,530,839 in 1942. The 1943 output was the greatest ever recorded in the history of the Canadian lime industry and comprised 766,147 tons of quicklime valued at \$5,990,088 and 141,621 tons of hydrated lime at \$842,204. During the year under review, 730,499 short tons of quicklime valued at \$5,642,420 and 94,224 short tons of hydrated lime worth \$381,250 were sold or used, by producers, for chemical manufacture, while the balance of Canadian lime production was sold or used for building, agricultural and other purposes.

Stone used in the production of lime in Canada includes calcium, high calcium and dolomitic varieties of limestone. Included in the total figures of Canadian lime production is a considerable tonnage of lime recovered as a by-product in the manufacture of chemicals or allied products. It is estimated that approximately 1,614,481 tons of limestone were consumed in the production of lime in 1943. Lime was produced during 1943 in all Canadian provinces with the exception of Prince Edward Island and Saskatchewan. Commercial production of lime in the Northwest Territories has ever been officially reported. Of the total Canadian output of lime in 1943, Ontario plants produced 411,921 short tons or 45.5 per cent and Quebec 332,432 short tons or 42 per cent.

Imports of lime into Canada during 1943 totalled 9,077 short tons appraised at \$64,303 compared with 6,231 short tons at \$43,854 in 1942. Exports of lime from Canada in 1943 amounted to 15,391 short tons valued at \$133,320 as against 8,431 short tons worth \$74,517 in the preceding year.

During 1943 the lime industry, comprising 41 firms, reported 45 plants as active; capital employed totalled \$4,607,651, and \$1,408,393 were distributed to 898 employees. The cost of fuel and purchased electricity used amounted to \$1,747,012 and the value of explosives, chemicals, drill steel and other process supplies consumed aggregated \$177,470.

A report on lime for 1943, as prepared by the Bureau of Mines, Ottawa, states:

"The steadily increasing demand for lime by the war industries has raised production above all previous records. Most of the forty-five plants throughout the country operated at capacity during 1943, and in the early part of the year there was a serious shortage of high-calcium chemical lime in Eastern Canada. At Beachville, Ontario, which is one of the most important centres of chemical lime production in Canada, the diversion of the Thames River in the quarry area was begun in 1943, to make available much more rock for quarrying and to lessen the danger from floods.

"There are many prospective lime-producing localities in Canada because of the abundance of limestone throughout the country, but in the more industrialized areas, particularly in Ontario and Quebec, large unworked deposits of pure high-calcium limestone that will yield a white lime suitable for chemical purposes are becoming scarce. With the northward development of the mining industry considerable interest is being manifested in making lime from limestone deposits in the more northerly parts of the country.

"Lime is marketed in the form of quicklime and in the hydrated state, the latter being specially prepared slaked lime in the form of fine powder that is marketed in 50-pound, multi-wall paper bags. Quicklime is marketed in the lump, pebble, crushed, and pulverized forms, lump lime and pebble lime are sold either in bulk or packed in barrels; crushed lime (1-inch and under) and pulverized lime (ground to minus 20 mesh, and in some plants to minus 50 mesh) are sold in airtight, multi-wall paper bags. In these various forms lime finds a multitude of uses in chemical and metallurgical processes, in agriculture, in construction, and for various other purposes. It is one of the great basic raw materials of the chemical industry and well over 90 per cent of the present production is used in chemical processes.

"Prices of the various lime products vary over a wide range, depending on the geographical position of the plants and on difference in quality of the lime. No significant change occurred in prices of lime during 1943."

Table 1 - PRINCIPAL STATISTICS OF THE LIME INDUSTRY IN CANADA, 1942 and 1943

	1942	1943
Number of firms	44	41
Number of plants	48	45
Capital employed	\$ 4,742,066	4,607,651
Number of employees—On salary	98	99
On wages	924	799
Total	1,022	898
Salaries and wages—Salaries	\$ 161,777	158,620
Wages	\$ 1,150,543	1,249,764
Total	\$ 1,312,320	1,408,384
Selling value of products (gross)	\$ 6,530,839	6,832,992
Cost of fuel and electricity	\$ 2,421,292	1,747,012
Process supplies used	\$ 177,268	177,470
Selling value of products (net)	\$ 3,932,279	4,908,510

Table 2 - CAPITAL EMPLOYED IN THE LIME INDUSTRY IN CANADA, BY PROVINCES, 1943

Province	Capital employed as represented by:					
	Present cash value of land	Present value of buildings, fixtures, machinery, tools and other equipment	Inventory value of stone on hand, fuel and miscellaneous supplies on hand	Inventory value of finished products on hand	Operating capital (cash, bills and accounts receivable, prepaid expenses, etc.)	TOTAL
	\$	\$	\$	\$	\$	\$
New Brunswick(x)	25,387	120,853	9,536	3,972	42,293	202,041
Quebec	16,650	449,052	254,515	4,983	196,943	902,143
Ontario	91,466	1,735,557	302,032	8,035	25,736	2,162,826
Manitoba .....	...	487,949	30,808	3,913	...	522,670
Alberta	2,500	194,868	10,556	6,287	47,352	261,563
British Columbia	5,000	290,826	63,439	8,086	189,057	556,408
CANADA	141,003	3,279,105	650,886	35,276	501,381	4,607,651

(x) Includes data for 2 firms in Nova Scotia.

Table 3 - NUMBER OF FIRMS, EMPLOYEES, SALARIES AND WAGES AND LIME (Quick and Hydrated) SOLD OR USED, BY PROVINCES, 1941-1943

Province	Number of firms	Number of employees	Salaries and wages	Fuel, electricity and process supplies used	Production	
					Tons of lime, sold or used	Value (gross)
			\$	\$		\$
<u>1941</u>						
New Brunswick(x)	6	130	155,376	88,316	42,693	379,710
Quebec	15	419	437,801	1,099,006	306,515	2,062,744
Ontario	14	309	450,576	817,753	431,125	3,246,648
Manitoba	3	98	95,266	98,542	27,100	273,492
Alberta	4	41	52,232	42,406	17,950	151,296
British Columbia	3	108	130,320	50,506	35,502	244,051
CANADA	45	1,105	1,321,571	2,196,529	860,885	6,357,941
<u>1942</u>						
New Brunswick(x)	6	138	181,751	99,172	44,277	423,815
Quebec	14	399	440,289	1,432,111	348,576	2,323,707
Ontario	14	264	435,265	857,242	415,698	3,125,574
Manitoba	4	95	99,626	109,212	26,424	265,079
Alberta	4	46	70,036	45,934	18,821	155,760
British Columbia	2	80	85,353	54,889	31,034	236,904
CANADA	44	1,022	1,312,320	2,598,560	884,830	6,530,839
<u>1942</u>						
New Brunswick(x)	5	102	152,150	89,035	27,115	287,712
Quebec	15	337	429,155	661,787	382,432	2,667,391
Ontario	11	241	435,158	890,323	411,921	3,115,194
Manitoba	4	84	110,071	139,908	30,038	307,819
Alberta	4	42	63,147	43,969	13,215	149,455
British Columbia	2	92	213,712	99,460	38,047	305,421
CANADA	41	898	1,408,393	1,924,482	907,768	6,832,992
(x) Includes data relating to two firms in Nova Scotia.						
Table 4 - NUMBER OF WAGE-EARNERS WHO WORKED THE NUMBER OF HOURS SPECIFIED, DURING ONE WEEK OR MONTH OF HIGHEST EMPLOYMENT, INCLUDING OVERTIME, 1943						
Hours	Male					
30 hours or less	27					
31-43 hours	39					
44 hours	23					
45-47 hours	35					
48 hours	120					
49-50 hours	21					
51-54 hours	155					
55 hours	26					
56-64 hours	332					
65 hours and over	106					
GRAND TOTAL	884					
Total wages paid in that week	\$					28,582

Table 5 - NUMBER OF WAGE-EARNERS ON PAYROLL OR TIME RECORD ON THE LAST DAY OF EACH MONTH OR NEAREST WORK DAY, 1940-1943

Month	1940		1941		1942		1943			
	Quarry	Kiln	Quarry	Kiln	Quarry	Kiln	Quarry		Kiln	
							Male	Female	Male	Female
January..	275	440	300	605	285	628	322	...	518	1
February..	271	463	319	630	297	619	309	...	500	1
March ...	274	297	343	656	314	647	275	...	503	...
April ...	316	530	350	665	311	640	310	...	509	...
May	366	563	375	668	318	643	281	...	525	...
June	370	554	368	674	331	637	274	...	529	...
July	390	590	379	705	327	633	266	...	517	...
August ..	372	596	372	666	307	604	275	...	506	...
September	365	582	375	660	299	587	260	...	513	2
October..	378	594	373	674	261	631	261	...	539	2
November.	328	597	365	659	271	614	261	...	538	2
December.	326	536	333	631	272	590	245	...	505	2

Table 6 - FUEL AND ELECTRICITY USED IN THE LIME INDUSTRY IN CANADA, 1942 and 1943

Kind	Unit of measure	1942		1943	
		Quantity	Value	Quantity	Value
		\$		\$	
Bituminous coal--Canadian	short ton	143,049	1,194,675	38,719	341,588
	Imported short ton	84,895	531,279	84,137	575,641
Anthracite coal	short ton	10,043	87,135	21,245	193,207
Lignite coal	short ton	85	333	...	...
Coke	short ton	20,654	190,863	20,641	209,008
Gasoline	Imp.gal.	105,355	30,984	94,735	27,491
Kerosene	Imp.gal.	123	30	40	8
Fuel oil and diesel oil..	Imp.gal.	645,325	31,381	1,033,350	59,520
Wood	cord	59,668	258,322	43,232	249,317
Other fuel .....	...	...	935	...	995
Electricity purchased ...	K.W.H.	15,703,933	95,355	12,874,498	90,237
TOTAL .....	...	...	2,421,292	...	1,747,012

Note: Electricity generated for own use in 1942 totalled 1,603,415 K.W.H., and 1,865,183 K.W.H. in 1943.

Table 7 - POWER EQUIPMENT, 1943

Description	Ordinarily in Use		In Reserve or Idle	
	Number of units	Total horse power	Number of units	Total horse power
Steam engines	7	225	2	60
Diesel engines	5	569	...	...
Gasoline, gas and oil engines, other than Diesel engines	20	553	2	120
Hydraulic turbines or water wheels..	6	105	...	...
Electric motors -				
(a) Operated by purchased power ...	497	7,957	11	231
Total	535	9,409	15	411
(b) Operated by power generated by above primary units	57	835	...	...
Stationary boilers	11	1,558	4	152

Table 10 - PRODUCTION OF LIME IN CANADA, BY PROVINCES, 1942, SHOWING PURPOSES FOR WHICH USED (x) OR SOLD - Continued

		Nova Scotia and New Brunswick	Quebec	Ontario	Manitoba and Alberta	British Columbia	TOTAL CANADA
(1 ton = 2,000 pounds)							
<u>CHEMICAL -</u>							
Smelters (non-ferrous)	ton	...	10,559	6,671	3,282	25	20,537
	\$	...	70,532	41,569	26,296	187	138,584
Iron and steel furnaces (x)	ton	23,700	5,985	24,337	760	105	54,937
	\$	241,744	52,133	176,034	6,080	736	476,782
Cyanide and flotation mills	ton	...	2,473	10,772	7,800	507	21,552
	\$	...	17,546	70,204	70,938	3,797	162,487
Pulp and paper mills	ton	10,874	106,394	6,223	11,473	20,659	155,623
	\$	96,990	695,292	42,423	35,321	164,606	1,084,632
Glass works	ton	...	...	15,745	51	...	15,796
	\$	...	...	106,659	563	...	107,222
Sugar refineries	ton	107	30	6,924	9,593	45	16,699
	\$	963	420	59,086	79,518	337	140,324
Tanneries	ton	...	1,214	3,697	...	...	4,911
	\$	...	10,648	25,263	...	...	35,911
Fertilizer plants	ton	...	...	349	...	...	349
	\$	...	...	2,663	...	...	2,663
Insecticide plants	ton	...	...	1,607	90	135	1,832
	\$	...	...	11,127	1,105	1,011	13,243
Other chemical works	ton	216	128,103	239,732	1,970	...	420,071
	\$	2,811	1,043,682	2,091,502	14,810	...	3,152,805
Uses unspecified	ton	...	1,890	260	1,402	4,501	8,053
	\$	...	20,111	2,030	15,422	33,714	71,277
TOTAL QUICKLIME	ton	37,757	263,321	332,667	39,560	25,977	749,282
	\$	368,661	1,981,535	2,761,643	329,772	204,438	5,646,049

HYDRATED LIME

<u>Building trades -</u>							
Finishing lime	ton	35	16	16,653	5,233	...	21,987
	\$	700	96	206,536	86,547	...	293,879
Masons' lime	ton	343	2,911	7,363	...	...	11,617
	\$	7,289	19,610	70,516	...	...	97,415
Agriculture	ton	372	533	3,137	...	3,769	8,311
	\$	7,820	3,474	31,865	...	24,197	67,356

CHEMICAL -

Smelters (non-ferrous)	ton	...	59,585	91	42	355	60,073
	\$	...	186,320	855	420	2,279	189,854
Iron and steel furnaces	ton	...	...	50	...	...	50
	\$	...	...	505	...	...	505
Cyanide and flotation mills	ton	...	5,267	811	310	...	6,388
	\$	...	22,640	8,627	3,100	...	34,367
Pulp and paper mills	ton	4,375	5,172	353	...	45	9,945
	\$	35,000	43,228	3,770	...	289	82,987
Glass works	ton	...	...	8	...	...	8
	\$	...	...	79	...	...	79
Sugar refineries	ton	35	30	87	152
	\$	315	235	932	1,539
Tanneries	ton	...	431	571	1,002
	\$...	3,664	6,072	9,736

Lime

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Table 10 - PRODUCTION OF LIME IN CANADA, BY PROVINCES, 1942, SHOWING PURPOSES FOR WHICH USED (x) OR SOLD - Concluded

	Nova Scotia and New Brunswick	Quebec	Ontario	Manitoba and Alberta	British Columbia	TOTAL CANADA
(1 ton = 2,000 pounds)						
<u>CHEMICAL (Concluded) -</u>						
Fertilizer plants ton	...	110	176	...	...	286
\$	...	660	1,542	...	...	2,202
Insecticide plants ... ton	310	...	24	...	122	456
\$	4,030	...	232	...	783	5,045
Other chemical works.. ton	...	7,995	2,797	100	...	10,892
\$	...	30,807	28,688	1,000	...	60,495
Uses unspecified ton	...	3,205	410	...	766	4,381
\$	...	30,688	3,725	...	4,918	39,331
TOTAL HYDRATED LIME ... ton	6,520	85,255	33,031	5,685	5,057	135,548
\$	55,154	342,172	363,931	91,067	32,466	884,790
GRAND TOTAL ton	44,277	348,576	415,698	45,245	31,034	884,830
\$	423,815	2,323,707	3,125,574	420,839	236,904	6,530,839

(x) Not necessarily consumed in provinces where produced. (✓) Includes calcined dolomite used as a refractory material.

Note: Of the total quantity of 884,830 tons of lime produced, 413,948 tons were consumed by the producers themselves.

Table 11 - PRODUCTION OF LIME IN CANADA, BY PROVINCES, 1943, SHOWING PURPOSES FOR WHICH USED (x) OR SOLD

	Nova Scotia and New Brunswick	Quebec	Ontario	Manitoba and Alberta	British Columbia	TOTAL CANADA
(1 ton = 2,000 pounds)						
<u>QUICKLIME</u>						
Building trades -						
Finishing lime ton	...	...	916	3,105	...	4,021
\$	...	...	8,245	27,559	...	35,804
Masons' lime ton	272	6,252	7,722	495	...	14,741
\$	2,992	90,418	70,562	5,863	...	169,835
Sand-lime brick ton	781	1,543	2,951	...	...	5,275
\$	7,810	7,332	25,455	...	...	40,597
Agriculture ton	34	77	217	...	...	323
\$	374	1,335	1,500	...	...	3,209
<u>CHEMICAL -</u>						
Smelters (non-ferrous) ton	...	24,914	9,364	2,135	89	36,500
\$	...	160,344	70,653	17,114	649	249,260
Iron and steel furnaces (✓)..... ton	11,172	5,123	23,870	720	315	46,205
\$	123,653	46,757	208,193	5,750	2,298	391,661
Cyanide and flotation mills ton	...	1,870	14,049	7,853	462	24,239
\$	...	13,143	96,840	74,220	3,370	187,578
Pulp and paper mills.. ton	10,675	101,806	4,932	11,688	18,635	147,796
\$	101,451	742,021	34,275	88,444	166,115	1,132,306
Glass works ton	...	...	14,086	120	...	14,206
\$	...	...	101,315	1,319	...	102,634
Sugar refineries ton	167	5	3,335	13,249	50	16,856
\$	1,803	92	38,735	110,538	365	151,583
Tanneries ton	6	565	4,524	...	...	5,095
\$	65	4,441	31,353	...	...	36,364

Table 11 - PRODUCTION OF LIME IN CANADA, BY PROVINCES, 1943, SHOWING PURPOSES FOR WHICH USED (x) OR SOLD -(Concluded)

		Nova Scotia and New Brunswick	Quebec	Ontario	Manitoba and Alberta	British Columbia	TOTAL CANADA
		(1 ton = 2,000 pounds)					
<u>CHEMICAL (Concluded) -</u>							
Fertilizer plants	ton	...	578	184	...	...	762
	\$	...	3,951	1,351	...	...	5,302
Insecticide plants ...	ton	...	...	1,099	...	564	1,663
	\$	...	...	7,686	...	4,114	11,800
Other chemical works..	ton	138	139,080	290,015	2,067	5,877	437,177
	\$	1,506	1,222,219	2,093,148	14,186	42,873	3,373,932
Uses unspecified	ton	...	3,976	576	1,009	5,722	11,283
	\$	...	38,735	4,200	13,546	41,742	98,223
TOTAL QUICKLIME ...	ton	23,245	285,794	382,950	42,444	31,714	786,147
	\$	244,659	2,331,293	2,794,071	358,539	261,526	5,390,088
<u>HYDRATED LIME</u>							
Building trades -							
Finishing lime	ton	...	517	14,847	5,350	...	20,714
	\$	...	5,226	184,823	94,145	...	284,194
Masons' lime	ton	223	5,565	6,426	...	...	12,214
	\$	2,470	16,529	59,770	...	...	78,769
Sand-lime brick	ton	27	...	...	...	...	27
	\$	270	...	...	...	...	270
Agriculture	ton	58	4,039	3,060	...	4,347	11,504
	\$	650	13,873	29,612	...	30,129	74,264
<u>CHEMICAL -</u>							
Smelters (non-ferrous)	ton	...	79,500	1	25	355	79,881
	\$	...	244,775	11	250	2,461	247,497
Iron and steel ..	ton	...	12	86	...	...	98
furnaces .....	\$	...	168	863	...	...	1,031
Cyanide and flotation	ton	...	1,123	315	289	18	1,745
mills .....	\$	...	3,475	3,308	2,890	125	9,798
Pulp and paper mills..	ton	3,405	3,518	675	...	45	7,643
	\$	37,687	29,895	7,072	...	312	74,966
Sugar refineries	ton	35	90	...	...	...	125
	\$	390	877	...	...	...	1,267
Tanneries	ton	...	180	620	...	...	800
	\$	...	1,582	6,407	...	...	7,989
Fertilizer plants	ton	...	13	692	...	...	705
	\$	...	65	5,709	...	...	5,774
Insecticide plants ...	ton	122	13	...	...	50	185
	\$	1,586	65	...	...	347	1,998
Other chemical works..	ton	...	1,016	1,881	145	...	3,042
	\$	...	9,817	19,663	1,450	...	30,930
Uses unspecified	ton	...	1,052	368	...	1,518	2,938
	\$	...	9,751	3,885	...	10,521	24,157
TOTAL HYDRATED LIME ...	ton	3,870	96,638	28,971	5,809	6,333	141,621
	\$	43,053	336,098	321,123	98,735	43,895	842,904
GRAND TOTAL	ton	27,115	382,432	411,921	48,253	38,047	907,768
	\$	287,712	2,667,391	3,115,194	457,274	305,421	6,852,992

(A) Includes calcined dolomite used as a refractory material. (x) Not necessarily consumed in provinces where produced; includes by-product lime.

Note: Of the total quantity of 907,768 tons of lime produced, 423,531 tons were consumed by the producers themselves.

Lime

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Table 12 - IMPORTS INTO CANADA AND EXPORTS OF LIME AND VARIOUS LIME COMPOUNDS,
1942 and 1943

		1942		1943	
		Quantity	Value \$	Quantity	Value \$
Imports -					
Lime	cwt.	124,621(x)	43,854	181,543(x)	64,303
Calcium chloride in packages of not less than 25 pounds	lb.	605,300	8,365	592,700	9,782
Calcium chloride in packages of less than 25 pounds	lb.	371	192	1,282	463
Calcium chloride, not in solution, for road treating purposes	lb.	4,077,000	41,874	9,709,400	101,071
Calcium arsenate	lb.	10,576	795	9,664	665
Chloride of lime and hypochlorite of lime in packages not less than 25 pounds	lb.	264,700	22,540	750,400	22,221
Chloride of lime and hypochlorite of lime in packages of less than 25 pounds	lb.	13,425	3,839	382	198
Exports -					
Building lime	cwt.	43,844	19,495	7,691	3,936
Lime, n.o.p.	cwt.	124,773	55,022	300,121	129,384
Acetate of lime	cwt.	7,232	18,985	92,808	288,420
Calcium carbide	cwt.	1,922,178	5,204,755	2,149,602	6,102,504

(x) All from the United States.

DIRECTORY OF FIRMS IN THE CANADIAN LIME INDUSTRY, 1943

- (x) Inactive.
- (a) Use calcium or high calcium limestone.
- (b) Use dolomitic limestone.
- (c) Purchase lime.
- (d) Kind of limestone not reported.

Name of Firm	Head Office Address	Location of Plant
<u>Nova Scotia -</u>		
Dominion Steel & Coal Corp. Ltd. (b)	Sydney	Sydney
Eastern Lime Co. Ltd. (a)	Windsor	Windsor
<u>New Brunswick -</u>		
Bathurst Power & Paper Co. Ltd. (a)	Bathurst	Bathurst
Purdy and Green Ltd. (a)	204 Metcalfe St., Saint John	Saint John
Snowflake Lime Ltd. (a)(b)	Saint John	Saint John
Saint John Lime Co. (x)(a)(b)	Brookville	Brookville

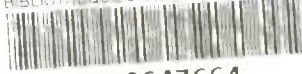
DIRECTORY OF FIRMS IN THE CANADIAN LIME INDUSTRY, 1943
(Concluded)

Name of Firm	Head Office Address	Location of Plant
<u>Quebec -</u>		
Aluminum Company of Canada Ltd. (b)	1700 Sun Life Bldg., Montreal	Wakefield
Arnaud, Edwilda (d)	Joliette	Joliette
Canadian Refractories Ltd. (b)	1050 Canada Cement Bldg., Montreal	(c)
Carrière St. Maurice Ltd. (d)	1293 rue Hart, Trois Rivières	St. Louis de France
Carrière Trois-Rivières Ltd. (a)	St. Louis de France	St. Louis de France
Coté, Joseph (a)	Metabetchouan	Metabetchouan
Dandelin, Z. (d)	St. Dominique	St. Dominique
Deschambault Quarry Corp. (d)	St. Marc-des-Carrières	St. Marc des Carrières
Dominion Lime Ltd. (a)	Lime Ridge	Lime Ridge
Dontigny, Raymond (d)	Ste. Thècle	Ste. Thècle
Filion, Narcisse (d)	St. Joachim	St. Joachim
Lalumière, Joseph (d)	St. Dominique	St. Dominique
Laurentian Stone Co. Ltd. (a)	195 Nicholas St., Ottawa, Ont.	Hull
Limoges, Henri (a)	552 Pouport St., Montreal	St. Michel
Mercure, Camille (a)	555 .. 16th Ave., St. Hyacinthe	St. Dominique
Shawinigan Chemicals Ltd. (a)	Craig St. W., Montreal	Shawinigan Falls
Standard Lime Co. Ltd. (a)	St. Paul de Joliette	St. Paul de Joliette
		St. Marc des Carrières
Trottier, David (d)	St. Marc des Carrières	St. Marc des Carrières
<u>Ontario -</u>		
Bell, Cecil (d)	R.R. 4, Chesley	Sullivan Tp.
Brunner, Mond Canada, Ltd. (a)	Canadian Bank of Commerce Bldg., Toronto	Anderdon Tp.
Canada & Dominion Sugar Co. Ltd. (a)	Chatham	Wallaceburg
Canada Lime Co. (a)	180 Duke St., Toronto	Coboconk
Canadian Gypsum Co. Ltd. (b)	170 Bloor St. W., Toronto	Guelph
Chemical Lime Co. Ltd. (a)	Beachville	Oxford Co.
Gypsum, Lime & Alabastine, Canada, Ltd. (a)(b)	Paris	Beachville Glen Christie Halton
Jamieson Lime Co. (a)	Renfrew	Horton Tp.
North American Cyanamid Ltd. (a)	Niagara Falls	Niagara Falls
Rockwood Lime Co. (b)	Box 46, Rockwood	Rockwood
Shane Lime & Charcoal Co. Ltd. (a)	Eganville	Grattan Tp.
<u>Manitoba -</u>		
Building Products & Coal Co. Ltd. (b)	111 Christie St., Winnipeg	Inwood
Gillis Quarries Ltd. (x)(a)	Richard and Spruce Sts., Winnipeg, Man.	Garson
Gypsum, Lime & Alabastine, Canada, Ltd.	Paris, Ont.	(c)

DIRECTORY OF FIRMS IN THE CANADIAN LIME INDUSTRY, 1943
(Concluded)

Name of Firm	Head Office Address	Location of Plant
<u>Manitoba (Concluded) -</u>		
Manitoba Sugar Co. Ltd. (a)	Fort Garry	Fort Garry
Winnipeg Supply & Fuel Co. Ltd. (a)	812 Boyd Bldg., Winnipeg	Moosehorn Stonewall
<u>Alberta -</u>		
Canadian Sugar Factories Ltd. (a)	Raymond	Raymond Picture Butte
Errico, M. (d)	Cadomin	Cadomin
Loder's Lime Co. Ltd. (a)	Exshaw	Kananaskis
Summit Lime Works Ltd. (a)	Box 273, Lethbridge	Crow's Nest Dist.
<u>British Columbia -</u>		
Pacific Lime Co. Ltd. (a)	744 W. Hastings St., Vancouver	Texada Island
Pacific Mills Ltd. (a)	Campbell Ave., Vancouver	Ocean Falls

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