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Published by Authority of the HON. W. D. EULFR, M.P. Minister of Trade and Commerce 58 14 11-35 650

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DEPARTMENT OF TRADE AND COMMERCE DOMINION BUREAU OF STATISTICS MINING, METALLURGICAL AND CHEMICAL BRANCH OTTAWA - CANADA

Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief - Mining, Metallurgical and Chemical Branch: W. H. Losee, B.Sc.

### MANUFACTURES OF THE NON-METALLIC MINERALS

### THE SAND-LIME BRICK INDUSTRY, 1934.

Only 6 factories in Canada manufactured sand-lime brick during 1934; 4 of these were located in Ontario and 2 were in Quebec. These works, representing a capital of \$781,444, employed an average of 78 workers throughout the year and paid out \$65,996 for salaries and wages and \$51,316 for raw materials.

Production of sand-lime building brick was reported at 12,744 M valued at \$135,588, a gain of 49 per cent in quantity and 48 per cent in value from the 1933 output which, however, was the lowest on record for the industry. Some sand-lime hollow building blocks, cinder blocks, and ready-mixed concrete were also made by the concerns in this group bringing the total output value to \$174,069 in 1934 as compared with \$116,367 in 1933 and \$153,716 in 1932.

Building operations in Canada showed some improvement in 1934 over the preceding year but were still very much below the normal level of pre-depression years. Likewise, the production of sand-lime building bricks was much below the average of earlier years. In 1920 production amounted to 39,264 M at \$693,641; in 1925 to 68,869 M at \$854,055; in 1928 to 82,271 M at \$1,038,510; in 1930 to 52,770 M at \$567,022, and in 1931 to 46,003 M at \$469,783.

Table 1 - PRI	NCIPAL STA	TISTICS OF	THE SAND-L	IME BRICK	INDUSTRY IN	CANADA, 19	30 - 1934
			Average			Selling	Value
	Nosof	Capital	number	Salaries	Cost of	value of	added by
Years	plants	employed	of em-	and	materials	products	manu-
			ployees	wages	at works	at works	facturing
		\$		\$	\$	\$	\$
1930	· . 11	2,165,362	225	265,094	215,921	671,301	455,380
1931	11	1,490,453	183	207,570	1.91,572	540,390	348,818
1932	6	759,211	75	74,521	49,106	153,716	104,610
1933	• • 6	789,962	67	62,584	37,934	116,367	78,433
1934	• • 6	781,444	78	65,996	51,316	174,069	122,753

Table 2 - CAPITAL EMPLOYED, 1933 and 1934.

Capital employed as represented by:	1933	1934
	\$	\$
Present value of lands, buildings, machinery and other		
equipment	691,591	672,106
Inventory value of materials on hand, stocks in process,		
fuel and other supplies on hand	23,845	16,595
Inventory value of finished products on hand	12,668	27,355
Operating capital (cash, bills and accounts receivable,		
prepaid expenses, etc.)	61,858	65,388
TOTAL	789,962	781,444

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Table 3 - EMPLOYEES, SALARIES AND WAGES, 1933 and 1934.

	1933	1934
Salaried Employees - Male Female	13	13 1
TOTAL       TOTAL         Wage-Earners       - Male       Male         Female	<u>13</u> 54	<u>    14</u> 64
TOTAL EMPLOYEES	<u>54</u> 67	<u>64</u> 78
Salaries	24,414 38,170 62,584	17,966 <u>48,030</u> 65,996

Table 4 - WAGE-EARNERS, BY MONTHS, 1933 and 1934.

Months	1933	1934	Months	1933	1934
Lanuany	20	26	Tult	76	91
January	30 23	25	July	88	97
March		39	September	99	74
April	42	49	October	71	70
May	42	92	November	54	74
June	46	101	December	40	44
			1933 54 1934 64		

# Table 5 - FUEL AND ELECTRICITY USED, 1933 and 1934.

ST 1928 I STATISTICS TO SHOW T		1 9 3	3	19	3 4
Kinds	Unit of		Cost at		Cost at
	measure	Quantity	works	Quantity	works
111 7. 1	and of the	State State	\$		\$
Coal, bituminous - Canadian	short ton	365	2,361	163	952
Imported	short ton	1,189	6,537	1,746	10,958
Electricity purchased	K.W.H.	226,688	4,916	357,178	8,262
TOTAL	XXX		13,814	9.9.0	20,172

	UIPMENT, 193	53 and 1934	0				0	
			statistic contraction of the Party of the Pa	3 3			934	and the second distance in the second distanc
Kinds			Number of					
		<del></del>	units	horse	power	units	horse	e power
Primary equipment			000		000	0.0	•	
Electric motors ru	n by purchas	sed power.	49		911	4	9	901
		_	49		911	4	9	901
Boilers			6		750		8	1,010
DOTTEL2 000000000	0 2 2 6 9 9 9 9 9 6 6 6 6							1,010
Table 7 - MATERIAL	S USED. 1933	5 and 1934.						
idozo i marilatino	0 00001 2000	1 9	State of the Owner of the Own		1	9 3	4	
Materials	Unit of		Cost a	t.			Cost at	
are out terro	measure	Quantity	works		Quanti		works	
	moublet	quere of	\$	-	guess ou	0,1	\$	
Quicklime	ton	2.638	23,51	9	3,48	9	31,520	
Sand			14,41		19,22		19,796	
TOTAL		000	37,93	and the second s	10922		51,316	
Table 8 - PRODUCTS	. 1933 and 1	1934						
14020 0 11020010			3 3			19	3 4	
Products			Selling val	ue			Selling '	value
	(	Quantity	at works		Qua	ntity	at worl	
			\$				\$	
Cond line had als	16	0 547	01 400			0 744	195 500	
Sand-lime brick Other products(x)	a a é a a a a ML	0,041	91,400		T		135,588	
vuler products(x)							ZO /O	
			24,899			0.6.0	38,48	
TOTAL		000	116,367	lor blo	eke and	0.0.0	174,069	9
		000	116,367	ler blo	cks and	0.0.0	174,069	9
TOTAL (x) Includes sand-	lime hollow	building b	116,367 locks, cind			0.0.0	174,069	9
TOTAL	lime hollow	building b	116,367 Docks, cind IN CANADA,	1920 -	1934.	 l ready m	174,069 ixed cond	9
TOTAL (x) Includes sand- Table 9 - PRODUCTI	lime hollow ON OF SAND-I ONTAI	building b LIME BRICK	116,367 Nocks, cind IN CANADA, OTHER	1920 PROVI	1934. NCES	°°° l ready m	174,069 ixed cond	erete.
TOTAL (x) Includes sand-	lime hollow ON OF SAND-I ONTAN	building b LIME BRICK RIO elling valu	116,367 Nocks, cind IN CANADA, OTHER	1920 - PROVI Sellin	1934. NCES g value	°°°	174,069 ixed cond CANADA Sellin,	erete.
TOTAL (x) Includes sand- Table 9 - PRODUCTI	lime hollow ON OF SAND-I ONTAI Se Quantity	building b LIME BRICK RIO elling valu	116,367 locks, cind IN CANADA, OTHER e Quantity	1920 - PROVI Sellin	1934. NCES g value	°°°	174,069 ixed cond	erete.
TOTAL (x) Includes sand- Table 9 - PRODUCTI	lime hollow ON OF SAND-I ONTAN	building b LIME BRICK RIO elling valu	116,367 Nocks, cind IN CANADA, OTHER	1920 - PROVI Sellin	1934. NCES g value	°°°	174,069 ixed cond CANADA Sellin	erete.
TOTAL (x) Includes sand- Table 9 - PRODUCTI Years	lime hollow ON OF SAND-I ONTAN Se Quantity M	building b LIME BRICK RIO elling valu at works	116,367 blocks, cind IN CANADA, OTHER e Quantity M	1920 - PROVI Sellin at w	1934. NCES g value orks	ooo l ready m Quantit M	174,065 ixed cond CANADA Sellin, y at wo	g value orks
TOTAL (x) Includes sand- Table 9 - PRODUCTI Years	lime hollow ON OF SAND-I ONTAN Se Quantity M 27,997	building b LIME BRICK RIO elling valu at works \$ 427,883	116,367 Nocks, cind IN CANADA, OTHER Ce Quantity M 11,267	1920 - PROVI Sellin at w 214	1934. NCES g value orks \$ ,013	Quantit M 39,264	174,065 ixed cond CANADA Sellin, y at we	9 crete. g value orks 5 93,641
TOTAL (x) Includes sand- Table 9 - PRODUCTI Years 1920 1921	lime hollow ON OF SAND-I ONTAI Quantity M 27,997 36,482	building b LIME BRICK RIO elling valu at works \$ 427,883 534,531	116,367 Nocks, cind IN CANADA, OTHER Ce Quantity M 11,267 6,975	1920 - PROVI Sellin at w 214 128	1934. NCES g value orks \$ ,013 ,213	Quantit Quantit M 39,264 43,457	174,065 ixed cond CANADA Sellin y at wo 65 65	g value orks 5 93,641 62,744
TOTAL         (x) Includes sand-         Table 9 - PRODUCTI         Years         1920         1921         1922	lime hollow ON OF SAND-I ONTAN Se Quantity M 27,997 36,482 48,449	building b LIME BRICK RIO elling valu at works \$ 427,883 534,531 786,772	116,367 Nocks, cind IN CANADA, OTHER Ce Quantity M 11,267 6,975 4,300	1920 PROVI Sellin at w 214 128 64	1934. NCES g value orks ,013 ,213 ,235	Quantit M 39,264 43,457 52,749	174,065 ixed cond CANADA Sellin y at wo 65 61 83	3 crete. g value orks 5 93,641 62,744 51,007
TOTAL         (x) Includes sand-         Table 9 - PRODUCTI         Years         1920         1921         1922         1923	lime hollow <u>ON OF SAND-I</u> <u>ONTAN</u> <u>Quantity</u> M 27,997 36,482 48,449 59,080	building b LIME BRICK AIO elling valu at works \$ 427,883 534,531 786,772 887,960	116,367 locks, cind IN CANADA, OTHER e Quantity M 11,267 6,975 4,300 1,000	1920 - PROVI Sellin at w 214 128 64 10	1934. NCES g value orks ,013 ,213 ,235 ,000	 I ready m Quantit M 39,264 43,457 52,749 60,080	174,069 ixed cond CANADA Sellin, y at we 69 61 61 81 81 81	<pre>9 crete. g value orks 6 93,641 62,744 51,007 97,960</pre>
TOTAL         (x) Includes sand-         Table 9 - PRODUCTI         Years         1920         1921         1922         1923         1924	lime hollow ON OF SAND-I ONTAN Se Quantity M 27,997 36,482 48,449 59,080 54,410	building b LIME BRICK RIO elling valu at works \$ 427,883 534,531 786,772 887,960 603,275	116,367 locks, cind IN CANADA, OTHER e Quantity M 11,267 6,975 4,300 1,000 1,463	1920	1934. NCES g value orks \$ ,013 ,213 ,235 ,000 ,671	Quantit Quantit M 39,264 43,457 52,749 60,080 55,873	174,065 ixed cond CANADA Sellin, y at we 65 61 81 81 81 81 81 81 81 81 81 81 81 81 81	9 crete. g value orks 93,641 62,744 51,007 97,960 18,946
TOTAL         (x) Includes sand-         Table 9 - PRODUCTI         Years         1920         1921         1922         1923         1924         1925	lime hollow ON OF SAND-I ONTAN Se Quantity M 27,997 36,482 48,449 59,080 54,410 66,506	building b LIME BRICK RIO elling valu at works \$ 427,883 534,531 786,772 887,960 603,275 820,893	116,367 locks, cind IN CANADA, OTHER e Quantity M 11,267 6,975 4,300 1,000 1,463 2,363	1920 PROVI Sellin at w 214 128 64 10 15 33	1934. NCES g value orks \$ ,013 ,213 ,235 ,000 ,671 ,162	Quantit Quantit M 39,264 43,457 52,749 60,080 55,873 68,869	174,065 ixed cond CANADA Sellin, y at we 65 61 85 61 85 61 85 61 85 61 85 85 85 85 85 85 85 85 85 85 85 85 85	9 crete. g value orks 5 93,641 62,744 51,007 97,960 18,946 54,055
TOTAL         (x) Includes sand-         Table 9 - PRODUCTI         Years         1920         1921         1922         1923         1924         1925         1926	lime hollow ON OF SAND-I ONTAI Se Quantity M 27,997 36,482 48,449 59,080 54,410 66,506 46,869	building b LIME BRICK RIO elling valu at works 427,883 534,531 786,772 887,960 603,275 820,893 555,847	116,367 locks, cind IN CANADA, OTHER e Quantity M 11,267 6,975 4,300 1,000 1,463 2,363 3,413	1920 PROVI Sellin at w 214 128 64 10 15 33 50	1934. NCES g value orks \$ ,013 ,213 ,213 ,235 ,000 ,671 ,162 ,562	Quantit Quantit M 39,264 43,457 52,749 60,080 55,873 68,869 50,282	174,065 ixed cond CANADA Sellin y at w 65 65 85 85 66 85 66	9 crete. g value orks 5 93,641 62,744 51,007 97,960 18,946 54,055 06,409
TOTAL         (x) Includes sand-         Table 9 - PRODUCTI         Years         1920         1921         1922         1923         1924         1925         1926         1927	lime hollow ON OF SAND-I ONTAL ONTAL Second Quantity M 27,997 36,482 48,449 59,080 54,410 66,506 46,869 61,297	building b LIME BRICK RIO elling valu at works \$ 427,883 534,531 786,772 887,960 603,275 820,893 555,847 721,485	116,367 Nocks, cind IN CANADA, OTHER Ce Quantity M 11,267 6,975 4,300 1,000 1,463 2,363 3,413 11,567	1920 PROVI Sellin at w 214 128 64 10 15 33 50 143	1934. NCES g value orks \$ ,013 ,213 ,213 ,235 ,000 ,671 ,162 ,562 ,426	Quantit Quantit M 39,264 43,457 52,749 60,080 55,873 68,869 50,282 72,864	174,065 ixed cond CANADA Sellin y at wo 65 65 65 65 65 65 65 65 65 65 65 65 65	9 crete. g value orks 5 93,641 62,744 51,007 97,960 18,946 54,055 06,409 64,911
TOTAL         (x) Includes sand-         Table 9 - PRODUCTI         Years         1920         1921         1922         1923         1924         1925         1926         1927         1928	lime hollow ON OF SAND-I ONTAM Quantity M 27,997 36,482 48,449 59,080 54,410 66,506 46,869 61,297 61,506	building b LIME BRICK RIO elling valu at works 427,883 534,531 786,772 887,960 603,275 820,893 555,847 721,485 745,719	116,367 Plocks, cind IN CANADA, OTHER Re Quantity M 11,267 6,975 4,300 1,000 1,463 2,363 3,413 11,567 20,765	1920 PROVI Sellin at w 214 128 64 10 15 33 50 143 292	1934. NCES g value orks ,013 ,213 ,235 ,000 ,671 ,162 ,562 ,426 ,791	 ready m Quantit M 39,264 43,457 52,749 60,080 55,873 68,869 50,282 72,864 82,271	174,065 ixed cond CANADA Sellin, y at we 65 66 85 66 85 66 85 60 85 60 85 60 85 60 85 60 85 60 85 60 85 85 85 85 85 85 85 85 85 85 85 85 85	9 crete. g value orks 93,641 62,744 51,007 97,960 18,946 54,055 06,409 64,911 38,510
TOTAL         (x) Includes sand-         Table 9 - PRODUCTI         Years         1920         1921         1922         1923         1924         1925         1926         1928         1929	lime hollow ON OF SAND-I ONTAN Quantity M 27,997 36,482 48,449 59,080 54,410 66,506 46,869 61,297 61,506 60,400	building b LIME BRICK AIO elling valu at works 427,883 534,531 786,772 887,960 603,275 820,893 555,847 721,485 745,719 708,584	116,367 locks, cind IN CANADA, OTHER e Quantity M 11,267 6,975 4,300 1,000 1,463 2,363 3,413 11,567 20,765 17,961	1920 PROVI Sellin at w 214 128 64 10 15 33 50 143 292 245	1934. NCES g value orks ,013 ,213 ,213 ,235 ,000 ,671 ,162 ,562 ,426 ,791 ,142	 ready m Quantit M 39,264 43,457 52,749 60,080 55,873 68,869 50,282 72,864 82,271 78,361	174,065 ixed cond CANADA Sellin, y at we 65 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 85 85 85 85 85 85 85 85 85 85 85 85	9 crete. g value orks 93,641 62,744 51,007 97,980 18,946 54,055 06,409 64,911 38,510 53,726
TOTAL         (x) Includes sand-         Table 9 - PRODUCTI         Years         1920         1921         1921         1923         1924         1925         1926         1927         1928         1929         1930	lime hollow ON OF SAND-I ONTAN ONTAN Se Quantity M 27,997 36,482 48,449 59,080 54,410 66,506 46,869 61,297 61,506 60,400 41,576	building b LIME BRICK RIO elling valu at works 427,883 534,531 786,772 887,960 603,275 820,893 555,847 721,485 745,719 708,584 424,178	116,367 locks, cind IN CANADA, OTHER e Quantity M 11,267 6,975 4,300 1,000 1,463 2,363 3,413 11,567 20,765 17,961 11,194	1920 PROVI Sellin at w 214 128 64 10 15 33 50 143 292 245 142	1934. NCES g value orks ,013 ,213 ,235 ,000 ,671 ,162 ,562 ,426 ,791 ,142 ,844	Quantit Quantit M 39,264 43,457 52,749 60,080 55,873 68,869 50,282 72,864 82,271 78,361 52,770	174,065 ixed cond CANADA Sellin, y at we 65 65 65 65 65 65 65 65 65 65 65 65 65	9 crete. g value prks 93,641 62,744 51,007 97,960 18,946 54,055 06,409 64,911 38,510 53,726 67,022
TOTAL         (x) Includes sand-         Table 9 - PRODUCTI         Years         1920         1921         1921         1923         1924         1925         1926         1927         1928         1929         1930         1931	lime hollow ON OF SAND-I ONTAN ONTAN Se Quantity M 27,997 36,482 48,449 59,080 54,410 66,506 46,869 61,297 61,506 60,400 41,576 34,400	building b LIME BRICK RIO elling valu at works 427,883 534,531 786,772 887,960 603,275 820,893 555,847 721,485 745,719 708,584 424,178 313,189	116,367 locks, cind IN CANADA, OTHER e Quantity M 11,267 6,975 4,300 1,000 1,463 2,363 3,413 11,567 20,765 17,961 11,194 11,603	1920 PROVI Sellin at w 214 128 64 10 15 33 50 143 292 245 142 156	1934. NCES g value orks \$ ,013 ,213 ,213 ,235 ,000 ,671 ,162 ,562 ,426 ,791 ,142 ,844 ,594	Quantit Quantit M 39,264 43,457 52,749 60,080 55,873 68,869 50,282 72,864 82,271 78,361 52,770 46,003	174,065 ixed cond CANADA Sellin, y at we 65 65 65 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 85 85 85 85 85 85 85 85 85 85 85 85	9 crete. g value orks 5 93,641 62,744 51,007 97,960 18,946 54,055 06,409 64,911 38,510 53,726 67,022 69,783
TOTAL         TOTAL         (x) Includes sand-         Table 9 - PRODUCTI         Years         1920         1921         1921         1922         1923         1924         1925         1926         1927         1928         1929         1930         1931         1932	Iime hollow ON OF SAND-I ONTAI ONTAI Se Quantity M 27,997 36,482 48,449 59,080 54,410 66,506 46,869 61,297 61,506 60,400 41,576 34,400 6,823	building b LIME BRICK RIO elling valu at works 427,883 534,531 786,772 887,960 603,275 820,893 555,847 721,485 745,719 708,584 424,178 313,189 78,398	116,367 locks, cind IN CANADA, OTHER Ce Quantity M 11,267 6,975 4,300 1,000 1,463 2,363 3,413 11,567 20,765 17,961 11,194 11,603 3,996	1920 PROVI Sellin at w 214 128 64 10 15 33 50 143 292 245 142 156 53	1934. NCES g value orks \$ ,013 ,213 ,213 ,235 ,000 ,671 ,162 ,562 ,426 ,791 ,142 ,844 ,594 ,042	Quantit Quantit M 39,264 43,457 52,749 60,080 55,873 68,869 50,282 72,864 82,271 78,361 52,770 46,003 10,819	174,065 ixed cond Sellin y at w 65 65 65 65 65 65 65 65 65 65 65 65 65	9 crete. g value prks 93,641 62,744 51,007 97,960 18,946 54,055 06,409 64,911 38,510 53,726 67,022 69,783 31,440
TOTAL         TOTAL         (x) Includes sand-         Table 9 - PRODUCTI         Years         1920         1921         1921         1922         1923         1924         1925         1926         1927         1928         1929         1930         1931         1932         1933	lime hollow ON OF SAND-I ONTAL ONTAL Se Quantity M 27,997 36,482 48,449 59,080 54,410 66,506 46,869 61,297 61,506 60,400 41,576 34,400 6,823 6,922	building b LIME BRICK RIO elling valu at works 427,883 534,531 786,772 887,960 603,275 820,893 555,847 721,485 745,719 708,584 424,178 313,189 78,398 69,784	116,367 locks, cind IN CANADA, OTHER Ce Quantity M 11,267 6,975 4,300 1,000 1,463 2,363 3,413 11,567 20,765 17,961 11,194 11,603 3,996 1,619	1920 PROVI Sellin at w 214 128 64 10 15 33 50 143 292 245 142 156 53 21	1934. NCES g value orks ,013 ,213 ,213 ,235 ,000 ,671 ,162 ,562 ,426 ,791 ,142 ,844 ,594 ,042 ,684	Quantit Quantit M 39,264 43,457 52,749 60,080 55,873 68,869 50,282 72,864 82,271 78,361 52,770 46,003 10,819 8,541	174,065 ixed cond Sellin, y at w 65 65 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 66 85 85 85 66 85 85 85 85 85 85 85 85 85 85 85 85 85	g value orks 5 93,641 62,744 51,007 97,960 18,946 54,055 06,409 64,911 38,510 53,726 67,022 69,783 31,440 91,468
TOTAL         TOTAL         (x) Includes sand-         Table 9 - PRODUCTI         Years         1920         1921         1921         1922         1923         1924         1925         1926         1927         1928         1929         1930         1931         1932	Iime hollow ON OF SAND-I ONTAI ONTAI Se Quantity M 27,997 36,482 48,449 59,080 54,410 66,506 46,869 61,297 61,506 60,400 41,576 34,400 6,823	building b LIME BRICK RIO elling valu at works 427,883 534,531 786,772 887,960 603,275 820,893 555,847 721,485 745,719 708,584 424,178 313,189 78,398	116,367 locks, cind IN CANADA, OTHER Ce Quantity M 11,267 6,975 4,300 1,000 1,463 2,363 3,413 11,567 20,765 17,961 11,194 11,603 3,996	1920 PROVI Sellin at w 214 128 64 10 15 33 50 143 292 245 142 156 53 21	1934. NCES g value orks \$ ,013 ,213 ,213 ,235 ,000 ,671 ,162 ,562 ,426 ,791 ,142 ,844 ,594 ,042	Quantit Quantit M 39,264 43,457 52,749 60,080 55,873 68,869 50,282 72,864 82,271 78,361 52,770 46,003 10,819	174,065 ixed cond Sellin y at w 65 65 65 65 65 65 65 65 65 65 65 65 65	9 crete. g value prks 93,641 62,744 51,007 97,960 18,946 54,055 06,409 64,911 38,510 53,726 67,022 69,783 31,440

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DIRECTORY OF FIRMS IN THE SAND-LIME BRICK INDUSTRY, 1934.

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## Names of Companies

## Location of Plants

Canadian Carborundum Company, Ltd. Standard Lime Company Limited Harbour Brick Company Limited Hinde Bros. Toronto Brick Company Ltd.

York Sandstone Brick Company Ltd.

St. Canut, P.Q. 1595 St. Gregoire St., Montreal, P.Q. Fleet St., Toronto, Ont. Mount Dennis, Ont. Scarboro Township, Ont. 447 Victoria Park Ave., Toronto, Ont.

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