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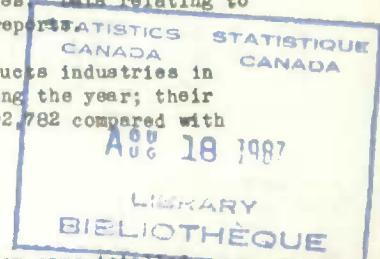
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THE CLAY AND CLAY PRODUCTS INDUSTRY - 1948

Price 25 cents

The industrial clays of Canada may be classified as common clays, stoneware clays, fire-clays and china clays. Statistically, the ceramic industry of Canada is conveniently classified into two divisions: (1) Production from domestic clays, which includes the production of building brick, structural tile, drain tile, roofing tile, stoneware, sewer pipe, pottery and refractories, and (2) production from imported clays, which includes the manufacture of electrical porcelains, sanitary ware, sewer pipe, tableware, pottery, ceramic floor and wall tile, and various kinds of fireclay refractories. Data relating to the production of glass, cement and artificial abrasives are contained in separate reports.

A total of 155 plants operated in the domestic and imported clay products industries in Canada during 1948. These two industries provided employment for 6,034 persons during the year; their earnings totalled \$12,302,723. The combined production in 1948 was valued at \$29,992,782 compared with \$24,090,665 in 1947.



1. Production from Domestic Clays, 1948

The gross value of producers' sales of domestic clays and products made from same totalled \$17,629,048 in 1948 compared with \$14,486,189 in the preceding year. Products of domestic clay were made in eight provinces. Ontario's production was valued at \$6,563,754; Quebec, \$5,123,908; Alberta, \$2,055,738; British Columbia, \$1,392,417; the balance of the total value was contributed by the remaining provinces.

The industry employed 3,746 persons to whom \$7,505,765 was distributed in wages and salaries. The cost of fuel and electricity amounted to \$3,481,413 and process supplies used were valued at \$545,190.

Sales of building brick in 1948 amounted to \$9,597,463 for 320,693 M pieces compared with \$7,930,714 for 295,446 M pieces in 1947. The sewer pipe and drain tile sales were \$3,449,294; structural tile, \$2,605,050; pottery, \$921,970; bentonite, \$339,713 and firebrick, fireclay blocks and fireclay, \$689,644.

**Table 1 - PRINCIPAL STATISTICS FOR THE DOMESTIC CLAY PRODUCTS INDUSTRY, 1939-1948**

Year	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of process supplies	Gross value of products sold during year (f.o.b. works)
	No.	No.	\$	\$	\$	\$
1939 .....	149	2,165	2,161,688	998,683	108,815	5,151,236
1940 .....	143	2,557	2,675,251	1,282,593	139,635	6,344,547
1941 .....	142	2,881	3,227,785	1,561,326	207,247	7,575,336
1942 .....	124	2,523	3,073,011	1,292,373	158,866	7,081,723
1943 .....	105	2,173	2,909,841	1,157,471	104,336	6,608,193
1944 .....	110	2,247	3,176,804	1,357,313	161,189	6,997,425
1945 .....	106	2,688	3,828,206	1,780,486	194,257	8,913,092
1946 .....	119	3,437	5,115,962	2,365,552	278,125	12,207,367
1947 .....	124	3,552	6,204,705	2,832,416	386,840	14,486,189
1948 .....	117	3,746	7,505,765	3,481,413	545,190	17,629,048

**Table 2 - PRODUCERS' SALES OF DOMESTIC CLAY AND DOMESTIC CLAY PRODUCTS, 1947 and 1948**

Product	Unit of measure	Sales or Shipments						
		1	9	4	7	1	9	4
		Quantity		Quantity		Quantity		Quantity
Clay - Bentonite .....	...	...	258,327	...	...	339,713		
Fireclay .....	ton	3,960	33,907	10,206		59,317		
Other clay .....	ton	21,568	41,248	32,308		37,794		
Fireclay blocks and shapes .....	...	...	274,783	...	...	318,810		
Firebrick .....	M	3,780	250,668	4,111		311,517		
Brick - Soft mud process: Face .....	M	11,672	254,336	17,544		647,957		
Common .....	M	20,583	459,405	28,506		750,478		
Stiff mud process: Face .....	M	107,304	3,356,742	113,713		3,830,323		
(wire cut) Common .....	M	66,634	1,483,868	63,303		1,517,208		
Brick - Dry press: Face .....	M	50,350	1,476,529	46,587		1,588,688		
Common .....	M	38,548	895,395	50,349		1,264,051		

Table 2 - PRODUCERS' SALES OF DOMESTIC CLAY AND DOMESTIC CLAY PRODUCTS, 1947 and 1948 (Concluded)

Product	Unit of measure	Sales or Shipments		
		1 9 4 7	\$	1 9 4 8
Quantity	Quantity			
Fancy or ornamental brick (including special shapes, embossed and enamelled brick) .....	M	1	61	3
Sewer brick .....	M	154	4,378	688
Paving brick .....	M	...	13	179
Structural tile -				
Hollow blocks (including fireproofing and load-bearing tile) .....	ton	149,733	1,950,098	166,195
Floor tile (quarries) .....	...	...	56,845	...
Drain tile .....	M	19,725	843,855	22,627
Sewer pipe .....	...	...	1,527,578	...
Flue linings .....	...	...	358,879	...
Pottery, glazed or unglazed (including coarse earthenware, sanitaryware, stoneware, flower pots, and all other pottery) .....	...	...	853,440	...
Other products .....	...	...	105,834	...
TOTAL .....	...	...	14,486,189	...
				17,629,048

In addition to the clays recorded in the above table, there were 277,178 tons of ordinary clay consumed in Canada during 1948 in the production of Portland cement; the corresponding consumption in 1947 was 279,635 tons. Also consumed by the Canadian cement industry in 1948 were 78,377 tons of shale.

Table 3 - PRODUCERS' SALES OF PRODUCTS FROM DOMESTIC CLAYS, 1939-1948

Year	\$	Year	\$
1939 .....	5,151,236	1944 .....	6,997,425
1940 .....	6,344,547	1945 .....	8,913,092
1941 .....	7,575,336	1946 .....	12,207,367
1942 .....	7,081,723	1947 .....	14,486,189
1943 .....	6,608,193	1948 .....	17,629,048

Table 4 - PRODUCERS' SALES OF PRODUCTS FROM DOMESTIC CLAYS, BY PROVINCES, 1946-1948

Province	1 9 4 6	1 9 4 7	1 9 4 8
		(dollars)	
Nova Scotia .....	671,466	752,126	1,031,685
New Brunswick .....	336,971	381,184	434,772
Quebec .....	3,457,168	4,257,423	5,123,908
Ontario .....	4,288,780	5,289,528	6,563,754
Manitoba .....	372,920	392,518	517,181
Saskatchewan .....	411,446	495,016	509,593
Alberta .....	1,808,971	1,771,250	2,055,738
British Columbia .....	859,645	1,147,144	1,392,417
CANADA .....	12,207,367	14,486,189	17,629,048

Table 5 - PRODUCERS' SALES OF CLAY BUILDING BRICK, 1939-1948

Year	Quantity	\$	Average value per M (x)	Year	Quantity	\$	Average value per M (x)
			\$				\$
	M						
1939 ....	165,024	2,676,634	16.22	1944 ....	154,785	3,155,380	20.38
1940 ....	191,213	3,277,187	17.14	1945 ....	200,241	4,566,179	22.82
1941 ....	208,871	3,765,493	18.00	1946 ....	272,389	6,627,517	24.34
1942 ....	169,317	3,018,375	17.83	1947 ....	295,446	7,930,714	26.84
1943 ....	138,678	2,808,764	20.25	1948 ....	320,693	9,597,463	29.93

(x) Based on shipments of all grades and the value per M should be interpreted as the average value of pressed, common and other varieties together and not the value of any one particular type of brick.

Clay

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Table 6 - PRODUCERS' SALES OF CLAY BUILDING BRICK, BY PROVINCES, 1946-1948

Province	1 9 4 6		1 9 4 7		1 9 4 8	
	M	\$	M	\$	M	\$
Nova Scotia .....	8,167	160,492	7,890	177,015	10,512	263,443
New Brunswick .....	9,560	223,688	12,941	312,695	14,365	358,530
Quebec .....	113,695	2,642,891	122,002	3,253,058	129,646	3,740,165
Ontario .....	104,078	2,800,236	111,608	3,206,298	120,715	4,075,413
Manitoba .....	6,384	165,348	5,282	138,732	7,340	181,178
Saskatchewan .....	4,148	92,186	4,048	117,265	3,823	100,225
Alberta .....	21,360	377,573	26,088	537,142	27,896	637,941
British Columbia .....	4,997	165,103	5,587	188,509	6,396	240,568
CANADA .....	272,389	6,627,517	295,446	7,930,714	320,693	9,597,463
Average value per M ..	...	24.33	...	26.84	...	29.93

Includes fancy and sewer brick.

Table 7 - PRODUCERS' SALES OF DRAIN TILE AND SEWER PIPE MADE FROM DOMESTIC CLAYS, 1939-1948

Year	Value	Year	Value
	\$		\$
1939 .....	1,167,181	1944 .....	1,390,457
1940 .....	1,430,154	1945 .....	1,674,016
1941 .....	1,755,753	1946 .....	2,032,403
1942 .....	1,721,580	1947 .....	2,730,312
1943 .....	1,507,223	1948 .....	3,449,294

Includes value of copings, flue linings, etc.

Table 8 - PRODUCERS' SALES OF DRAIN TILE AND SEWER PIPE MADE FROM DOMESTIC CLAYS, BY PROVINCES, 1946-1948

Province	1 9 4 6		1 9 4 7		1 9 4 8	
	(dollars)					
Nova Scotia .....	315,661		363,317		491,661	
New Brunswick .....	2,638		4,259		399	
Quebec .....	212,646		315,409		389,881	
Ontario .....	848,961		1,162,548		1,477,785	
Manitoba .....	...		...		...	
Saskatchewan .....	7,500		4,725		9,363	
Alberta .....	381,133		415,984		482,664	
British Columbia .....	263,864		464,070		597,541	
CANADA .....	2,032,403		2,730,312		3,449,294	

Includes value of copings, flue linings, etc.

Table 9 - PRODUCERS' SALES OF FIRECLAY, FIRECLAY BLOCKS AND SHAPES, AND FIREBRICK MADE FROM DOMESTIC CLAY, 1939-1948

Year	Fireclay		Fireclay blocks and shapes		Firebrick	
	short tons	\$	\$		M	\$
1939 .....	3,785	22,504	95,256		2,331	119,346
1940 .....	4,881	30,564	85,127		3,167	165,525
1941 .....	5,431	35,475	190,497		3,643	183,897
1942 .....	5,601	40,722	210,246		3,816	197,830
1943 .....	5,653	42,122	256,655		3,644	192,618
1944 .....	7,630	38,433	221,251		3,180	164,837
1945 .....	4,266	31,416	225,275		3,466	186,651
1946 .....	4,696	30,607	222,430		3,367	205,849
1947 .....	3,960	33,907	274,783		3,780	250,668
1948 .....	10,206	59,317	318,810		4,111	311,517

Note: Firebrick and fireclay blocks and shapes are made also from imported clays; see table 33.

Table 10 - PRODUCERS' SALES OF FIRECLAY BLOCKS AND SHAPES AND FIREBRICK MADE FROM DOMESTIC CLAYS, BY PROVINCES, 1948

Province	Fireclay		Fireclay blocks and shapes		Firebrick	
	short tons	\$		\$	M	\$
Nova Scotia .....	3,431	12,699	...		...	...
Saskatchewan .....	1,102	13,696	237,953		...	...
British Columbia .....	5,673	32,922	80,857		4,111	311,517
CANADA .....	10,206	59,317	318,810		4,111	311,517

Table 11 - PRODUCERS' SALES OF POTTERY MADE FROM DOMESTIC CLAYS, 1939-1948

Year	Value	Year	Value
1939 .....	282,712	1944 .....	838,544
1940 .....	474,452	1945 .....	930,567
1941 .....	502,212	1946 .....	1,195,478
1942 .....	646,088	1947 .....	853,440
1943 .....	701,144	1948 .....	921,970

Table 12 - PRODUCERS' SALES OF POTTERY MADE FROM DOMESTIC CLAYS, BY PROVINCES, 1946-1948

Province	1946	1947	1948
	(dollars)		
New Brunswick .....	68,929	52,051	65,844
Quebec .....	157,413	98,705	62,045
Ontario .....	77,800	87,378	84,294
Alberta .....	888,525	611,830	704,649
British Columbia .....	2,811	3,476	5,138
CANADA .....	1,195,478	853,440	921,970

Table 13 - PRODUCERS' SALES OF STRUCTURAL TILE MADE FROM DOMESTIC CLAYS, 1939-1948

Year	Hollow Blocks (x)		Roofing Tile		Floor Tile (Quarries)	
	Short tons	\$	Number	\$	Sq.ft.	\$
1939 .....	86,120	714,291	148,291	4,964	90,812	15,233
1940 .....	105,073	788,478	41,772	1,839	...	13,631
1941 .....	117,530	1,063,120	...	750	...	21,349
1942 .....	109,905	1,082,573	...	32	...	23,705
1943 .....	84,469	819,535	...	827	...	26,949
1944 .....	87,820	811,558	...	...	212,805	43,817
1945 .....	94,244	998,210	...	...	197,164	46,365
1946 .....	129,694	1,453,549	...	97	205,950	50,699
1947 .....	149,733	1,950,098	...	...	204,977	56,845
1948 .....	166,195	2,364,949	...	...	240,101	89,719

(x) Including fireproofing and load-bearing tile.

Table 14 - PRODUCERS' SALES OF STRUCTURAL TILE MADE FROM DOMESTIC CLAYS, BY PROVINCES, 1948

Province	Hollow Blocks (x)		Floor Tile (Quarries)	
	Short tons	\$	Sq.ft.	\$
Nova Scotia .....	23,927	263,882	...	...
New Brunswick .....	943	9,999	...	...
Quebec .....	56,476	875,601	...	...
Ontario .....	50,885	766,242	240,101	89,719
Manitoba .....	...	...	...	...
Saskatchewan .....	6,901	108,188	...	...
Alberta .....	19,706	226,774	...	...
British Columbia .....	7,357	114,263	...	...
CANADA .....	166,195	2,364,949	240,101	89,719

(x) Including fireproofing and load-bearing tile.

Table 15 - PRODUCERS' SALES OF PRODUCTS MADE FROM CANADIAN CLAYS, BY MONTHS, 1948 and 1949 (Unrevised monthly data)

Month	Building Brick		Structural Tile(a)		Drain Tile		Sewer	Fireclay	Pottery	Other	TOTAL
	M	\$	Ton	\$	M	\$	pipe	blocks and shapes	(b)	Clay Products (c)	
<u>1948</u>											
January .....	16,810	490,252	12,384	166,981	821	34,809	136,282	33,637	61,780	58,446	982,187
February ....	17,190	498,627	8,674	134,259	630	28,744	135,333	16,037	85,230	51,503	949,733
March .....	21,067	611,030	9,891	153,503	471	23,763	164,663	22,791	114,095	58,501	1,148,346
April .....	23,478	699,112	10,387	158,739	514	28,331	182,402	16,754	121,942	71,036	1,278,316
May .....	25,100	742,073	12,684	200,422	1,371	63,804	179,520	30,041	102,698	64,803	1,383,361
June .....	28,305	860,144	15,594	243,217	2,115	99,260	201,418	29,831	121,388	66,068	1,621,326
July .....	29,439	902,460	13,876	219,541	1,931	91,053	202,273	25,624	104,518	79,049	1,624,518
August .....	28,279	872,209	14,438	224,012	1,969	95,049	162,983	29,468	103,180	71,775	1,558,676
September ...	30,981	971,367	14,375	221,046	2,111	105,248	196,089	26,779	128,696	84,472	1,733,697
October ....	30,399	973,351	14,451	223,257	2,154	106,632	209,358	26,105	122,898	76,240	1,737,841
November ....	29,999	954,607	15,864	250,783	1,946	101,865	206,340	30,704	120,695	79,846	1,744,840
December ....	25,477	832,168	13,904	212,803	1,249	63,747	180,214	31,748	85,048	65,906	1,471,634
TOTAL .....	306,524	9,407,400	156,522	2,408,563	17,282	842,305	2,156,875	319,519	1,272,168	827,645	17,234,475
<u>1949</u>											
January .....	21,991	704,665	13,274	201,862	995	47,292	155,044	29,302	70,948	58,412	1,267,525
February ....	19,616	639,779	12,584	191,787	944	42,432	150,883	23,492	50,928	62,311	1,161,612
March .....	22,960	734,383	14,388	225,439	1,159	62,074	152,006	27,869	63,249	66,413	1,331,433
April .....	20,744	681,296	10,196	164,304	1,105	59,739	167,932	22,783	52,994	80,888	1,229,936
May .....	27,946	855,291	12,549	214,129	1,618	85,256	211,939	20,656	38,709	81,243	1,507,223
June .....	29,062	914,038	14,962	223,792	2,099	107,904	215,727	36,753	49,010	94,383	1,641,607
July .....	28,953	910,562	14,976	236,680	1,967	106,749	164,846	22,186	41,233	47,914	1,530,170
August .....	30,192	959,916	16,077	251,326	2,719	116,372	191,067	24,886	65,489	109,837	1,718,893
September ...	30,467	970,591	16,284	254,395	1,859	99,891	189,961	29,942	62,025	100,865	1,707,670

(a) Includes floor tile.

(b) Includes flower pots, stoneware, etc.

(c) Includes firebrick, fireclay, china clay, etc.

Table 16 - PRODUCERS' SALES OF BENTONITE AND KAOLIN, BY PROVINCES, 1939-1948

Year	B e n t o n i t e					Kaolin (a)		
	Manitoba		Alberta		British Columbia	CANADA		Tons
	Tons	\$	Tons	\$	Tons	\$	Tons	\$
1939 .....	99	591	889	2,850	...	...	988	3,441
1940 .....	710	2,023	714	2,240	45	225	1,469	4,488
1941 .....	760	1,330	1,317	5,882	95	618	2,172	7,830
1942 .....	660	38,800	956	5,404	...	...	1,616	44,204
1943 .....	...	110,428	...	5,262	...	1,357	(b)	117,047
1944 .....	...	160,268	...	2,076	...	1,504	(b)	163,848
1945 .....	...	169,551	...	1,248	...	...	(b)	170,799
1946 .....	...	207,572	...	4,253	...	...	(b)	211,825
1947 .....	...	253,786	...	4,541	...	...	(b)	258,327
1948 .....	...	336,003	...	3,710	...	...	(b)	339,713

(a) All from Quebec.

(b) Quantity not available for publication.

Table 17 - CLAYS USED IN CANADA IN THE MANUFACTURE OF SOAPS AND WASHING COMPOUNDS AND IN THE PETROLEUM PRODUCTS INDUSTRY, 1939-1948

Year	Petroleum Products Industry		Soaps and Washing Compounds	
	Pounds	\$	Pounds	\$
1939 .....	19,814,473	304,214	1,586,163	30,924
1940 .....	23,828,660	406,185	1,651,471	40,695
1941 .....	30,155,750	571,010	1,486,000	39,332
1942 .....	24,162,091	528,350	2,116,000	66,963
1943 .....	25,390,653	601,283	2,480,000	84,646
1944 .....	27,569,500	646,708	2,398,351	83,189
1945 .....	28,604,000	685,761	2,952,000	101,610
1946 .....	25,623,347	570,819	2,978,000	86,577
1947 .....	26,492,000	579,819	2,222,000	68,773
1948 .....	29,522,000	666,079	2,236,000	76,960

Table 18 - CHINA CLAY (KAOLIN) USED IN THE MANUFACTURE OF PAPER, 1939-1948

Year	Tons	Value	Year	Tons	Value
1939 .....	32,769	450,092	1944 .....	47,995	987,488
1940 .....	36,931	558,659	1945 .....	45,571	954,659
1941 .....	32,844	588,585	1946 .....	38,379	788,472
1942 .....	28,734	578,190	1947 .....	41,517	954,034
1943 .....	26,374	561,285	1948 .....	46,655	1,098,742

Table 19 - CLAYS AND EARTHS USED IN CANADIAN RUBBER GOODS INDUSTRY, 1939-1948

Year	Tons	Value	Year	Tons	Value
1939 .....	3,438	80,745	1944 .....	1,909	51,942
1940 .....	3,586	90,867	1945 .....	3,953	102,182
1941 .....	4,059	101,441	1946 .....	4,333	107,710
1942 .....	1,523	37,186	1947 .....	5,495	140,100
1943 .....	1,257	35,266	1948 .....	5,121	147,316

Table 20 - FIREBRICK, FIRECLAY AND CUPOLA BLOCKS USED IN THE MANUFACTURE OF IRON AND STEEL AND THEIR PRODUCTS, 1939-1948

Year	Cost at Works	Year	Cost at Works
1939 .....	939,495	1944 .....	3,195,751
1940 .....	1,597,898	1945 .....	3,088,142
1941 .....	2,581,813	1946 .....	2,280,172
1942 .....	3,268,181	1947 .....	3,054,353
1943 .....	3,717,826	1948 .....	4,088,719

Table 21 - FULLER'S EARTH AND FILTERING EARTHS USED IN SPECIFIED CANADIAN INDUSTRIES, 1939-1948

Year	Sugar Refineries		Vegetable Oil Mills	
	Pounds		Pounds	
1939 .....	4,819,811	105,711	207,105	10,166
1940 .....	4,984,362	112,369	216,254	7,731
1941 .....	5,333,131	133,129	275,290	10,604
1942 .....	3,007,180	75,295	437,120	20,154
1943 .....	3,451,142	89,075	484,380	20,302
1944 .....	4,375,201	115,053	431,820	17,991
1945 .....	3,983,325	102,961	643,179	24,824
1946 .....	4,391,733	104,794	658,253	24,446
1947 .....	4,980,232	141,885	734,407	28,581
1948 .....	5,729,441	167,259	737,949	24,389

Table 22 - IMPORTS AND EXPORTS OF CLAY AND CLAY PRODUCTS, 1947 and 1948

	1 9 4 7		1 9 4 8	
	Quantity		Quantity	
<u>I m p o r t s</u>				
Building brick .....	ton	24,556	348,782	22,817
Building blocks and fireproofing tile .....	...	...	150,902	...
Clays - China .....	cwt.	1,599,853	1,197,977	1,792,538
Fire .....	cwt.	1,596,522	346,859	1,713,493
Pipe .....	cwt.	178,050	24,629	166,005
Other clays, n.o.p. .....	...	...	214,993	...
Activated clay to refine oil .....	...	...	242,483	...
Zirconium silicate .....	...	...	37,564	...
Zirconium oxide .....	...	...	62,241	...
Drain tile, unglazed .....	...	...	4,865	...
Drain, sewer pipe and earthenware fittings therefor, chimney linings or vents, chimney tops or inverted blocks, glazed or unglazed, n.o.p. .....	...	...	531,269	...
Tiles or blocks of earthenware or stone prepared for mosaic flooring .....	...	...	168,649	...
Tiles, earthenware, for roofing purposes ..	...	...	8,539	...
Tiles, earthenware, n.o.p. .....	...	...	620,117	...
Insulators, electric, porcelain .....	...	...	373,224	...
Pottery, chinaware and earthenware, n.o.p.	...	...	10,717,129	...
Brick, fire, other, valued at not less than \$100 per M, rectangular shaped, the dimen- sions of each not to exceed 125 cubic inches for use exclusively in the con- struction or repair of a furnace, kiln, etc.	...	...	175,122	...
Brick, fire, n.o.p., for use exclusively in the construction or repair of a furnace, kiln or other equipment of a manufacturing establishment (not made in Canada) .....	...	...	2,292,200	...
Firebrick, n.o.p. .....	...	...	2,000,254	...
Firebrick, chrome .....	...	...	600,435	...
Paving brick .....	ton	3,563	37,496	4,858
Artificial teeth, not mounted .....	...	...	881,440	...
Baths, bathtubs, basins, laundry tubs, etc., of earthenware, cement or clay, n.o.p. ...	...	...	1,248,393	...
Saggars .....	...	...	125,508	...
Crucibles, clay or sand .....	...	...	54,437	...
Other manufactures of clay, n.o.p. .....	...	...	283,134	...
Grog for refractory materials .....	...	...	57,761	...
<b>TOTAL .....</b>	...	...	<b>22,106,202</b>	...
				<b>27,512,409</b>

Table 22 - IMPORTS AND EXPORTS OF CLAY AND CLAY PRODUCTS, 1947 and 1948 (Concluded)

		1 9 4 7	\$	1 9 4 8	\$
		Quantity		Quantity	
<b>Exports</b>					
Building brick .....	M	4,186	114,089	4,860	140,246
Bricks, fire .....	...	...	331,721	...	539,497
Clay, manufactures of .....	...	...	99,987	...	63,121
Clays, unmanufactured .....	...	...	17,054	...	18,656
Earthenware .....	...	...	103,898	...	97,014
Porcelain insulators .....	...	...	516,151	...	649,598
TOTAL .....	...	...	1,182,900	...	1,508,132

Note: "n.o.p." means "Not otherwise provided for" in the statistical classification.

Table 23 - EMPLOYEES, SALARIES AND WAGES IN THE DOMESTIC CLAY PRODUCTS INDUSTRY, 1942-1948

Year	Number of employees				Salaries \$	Wages \$	Total salaries and wages \$
	On salaries		On wages				
	Male	Female	Male	Female	Total employees		
1942 .....	227	54	2,082	160	2,523	590,545	2,482,466
1943 .....	190	58	1,718	207	2,173	570,300	2,339,541
1944 .....	195	58	1,786	208	2,247	594,282	2,582,522
1945 .....	225	66	2,188	209	2,688	652,758	3,175,448
<u>Administration</u>		<u>Workmen</u>					
1946 .....	138	41	2,987	271	3,347	385,133	4,730,829
1947 .....	163	44	3,190	155	3,552	494,173	5,710,532
1948 .....	160	36	3,403	147	3,746	574,250	6,931,515

Table 24 - WORKMEN IN THE DOMESTIC CLAY PRODUCTS INDUSTRY, BY MONTHS, 1947 and 1948

Month	Pit Male	1 9 4 7			Pit Male	1 9 4 8			Total
		Plant		Total		Plant		Total	
	Male	Female		Male	Female		Male	Female	
January .....	137	2,506	183	2,826	126	2,673	134	2,933	
February .....	134	2,487	187	2,808	115	2,703	133	2,951	
March .....	137	2,553	176	2,866	151	2,763	138	3,052	
April .....	165	2,798	189	3,152	179	2,961	147	3,287	
May .....	236	3,130	175	3,541	243	3,379	166	3,788	
June .....	276	3,285	177	3,738	256	3,546	152	3,954	
July .....	285	3,352	153	3,790	265	3,596	188	4,049	
August .....	289	3,292	148	3,729	276	3,607	149	4,032	
September .....	276	3,184	98	3,558	247	3,461	136	3,844	
October .....	261	3,092	101	3,454	215	3,349	144	3,708	
November .....	211	3,034	129	3,374	182	3,198	130	3,510	
December .....	143	2,820	142	3,105	139	3,031	143	3,313	
AVERAGE ...	224	2,966	155	3,345	205	3,198	147	3,550	

Table 25 - FUEL AND ELECTRICITY USED IN THE DOMESTIC CLAY PRODUCTS INDUSTRY, 1947 and 1948

Kind	Unit of measure	1947		1948	
		Quantity	Cost at works	Quantity	Cost at works
Bituminous coal - Canadian .....	short ton	40,085	439,873	41,910	468,938
Imported .....	short ton	121,513	1,239,071	162,406	1,906,269
Sub-bituminous coal (from Alberta mines only) .....	short ton	7,453	38,797	4,726	21,406
Anthracite coal - From United States	short ton	4,343	41,447	1,468	20,425
Other .....	short ton	14	250	5	114
Lignite coal .....	short ton	7,172	6,391	8,364	5,653
Coke .....	short ton	2,013	27,731	1,801	30,560
Gasoline .....	Imp.gal.	326,175	97,663	414,294	137,539
Kerosene or coal oil .....	Imp.gal.	10,689	2,472	10,309	2,569
Fuel oil .....	Imp.gal.	4,401,854	400,692	1,781,612	224,854
Wood .....	cord	28,194	197,956	33,267	311,964
Gas - Natural .....	M cu.ft.	1,916,011	53,364	1,565,850	47,632
Manufactured .....	M cu.ft.	14,667	7,115	30,650	14,400
Electricity purchased .....	K.W.H.	23,143,528	276,839	22,641,392	287,030
Other fuel .....	...	...	2,755	...	2,060
TOTAL .....	...	...	2,832,416	...	3,481,413
Electricity generated for own use ..	K.W.H.	1,239,969	...	387,574	...

Table 26 - COAL, WOOD, FUEL OIL AND NATURAL GAS USED, BY PROVINCES, 1948

Province	Lignite	C o a l		Anthracite		Wood	Natural Gas	Fuel Oil			
		Bituminous		United States							
		Canadian	Imported	Other	(Tons)						
Nova Scotia ....	...	19,828	...	...	...	470	...	362,897			
New Brunswick ..	...	8,550	...	...	...	3,074	...	...			
Quebec .....	...	1,600	60,405	1,289	5	8,670	...	385,464			
Ontario .....	...	125	97,813	179	...	13,904	3,129	470,485			
Manitoba .....	...	1,605	...	...	...	1,667	...	320,226			
Saskatchewan ...	8,364	3,123	1,309	...	...	...	...	36,019			
Alberta .....	...	...	...	...	...	150	1,562,721	1,755			
British Columbia	...	7,079	2,879	...	...	5,332	...	204,766			
CANADA ....	8,364	41,910	162,406	1,468	5	33,267	1,565,850	1,781,612			

Table 27 - POWER EQUIPMENT IN THE DOMESTIC CLAY PRODUCTS INDUSTRY, 1948

Description	Ordinarily in use		In reserve or idle	
	Number of units	Total horse power (x)	Number of units	Total horse power (x)
Steam engines .....	36	3,480	3	225
Steam turbines .....	...	...	1	7
Diesel engines .....	15	1,196	1	30
Gasoline, gas and oil engines, other than diesel engines .....	95	3,344	12	411
Hydraulic turbines or water wheels ....	18	787	...	...
Electric motors -				
(a) Operated by purchased power .....	863	15,816	63	1,718
TOTAL .....	1,027	24,623	60	2,391
(b) Operated by power generated by the establishment .....	35	235	...	...
Stationary power boilers .....	43	4,644	9	424
Motor-generator sets .....	6	75	6	105

(x) According to manufacturers' rating.

DOMESTIC CLAY PRODUCTS OPERATORS, 1948

Name of Firm	Head Office Address	Location of Plant
<b>(a) Clay used (b) Shale used (c) Idle, 1948 (d) Produce bentonite</b>		
<u>Nova Scotia</u>		
The Foley Pottery Ltd.	45 Bayside Drive, Saint John, New Brunswick	Middle Musquodoboit
Harriss & Harriss Shaw, L. E., Ltd. (a)(b)	5 Byng Ave., Sydney Box 1135, Halifax	Sydney Elmsdale and New Glasgow
Standard Clay Products Ltd.(a)(b)	St.Johns, Quebec	New Glasgow
<u>New Brunswick</u>		
Ryan Brick & Tile Ltd.,(a) Shaw, L. E., Ltd. (b)	Box 1135, Halifax, Nova Scotia Box 1135, Halifax, Nova Scotia	Fredericton Chipman
<u>Quebec</u>		
Ascot Brique Enrg. (a) Castonguay, Hubert	Ascot Corner Deschaillons	Ascot Corner Deschaillons
Citadelle Brique Ltée (b)	14 rue St. Joseph, Quebec	Beauport E. and Boischatel
Desmarais, S. E. & Cie (a)	Richmond	Richmond
East Angus Brick & Tile Reg'd(a)(b)	Box 553, East Angus	East Angus
Laprairie Co. Inc., The (a)(b)	906 University Tower Bldg.,Montreal	Laprairie and Delson Junction
Montreal Terra Cotta Ltd. (a)	1010 Ste. Catherine St. W.	Deschaillons and Lakeside
Potvin, Arthur (a)	Mitchell Station	Mitchell Station
Potvin & Chandonnet (a)	Deschaillons	Deschaillons
Roy, F. & D. (a)	St. George West	St. George West
St. Lawrence Brick Co. Ltd. (b)	1010 Ste. Catherine St. W., Montreal	Laprairie
St. Tite Briqueterie Ltée (a)	St. Tite	St. Tite
Scott Brique Ltée, La (a)	Scott Junction	Scott Junction
Standard Clay Products Ltd.(a)	Box 189, St. Johns	St. Johns
<u>Ontario</u>		
Barnes, Wm. R., Co. Ltd. (a)	243 Cumberland Ave., Hamilton	Waterdown
Bracebridge Brick Works (a)	Bracebridge	Bracebridge
Brampton Pressed Brick Co. Ltd.(b)	Brampton	Brampton
Broadwell, B. & Son (a)	Box 537, Kingsville	Gosfield S. Tp.
Canadian Pressed Brick Co. Ltd.(b)	Kenilworth Ave. S., Hamilton	Hamilton
Central Tile Brick Corp. Ltd. (a)	Tilbury	Belle River and Tilbury
Construction Materials Ltd. (a)(b)	Drawer 70, New Toronto	New Toronto
Cooksville Co. Ltd. (b)	46 Bloor St. W., Toronto	Cooksville
Cornhill, Jas. & Sons Ltd. (a)	Box 36, Chatham	Harwich Tp.
Coultis,Geo. & Son (b)	Thedford	Bosanquet Tp.
Curtin, F. Estate (a)	R.R.4, Lindsay	Lindsay
Curtis Bros. (a)	Box 809, Peterborough	Otonabee Tp.
Deller, Albert & Son (a)	Brownsville	Brownsville
Dochart Brick & Tile Works (a)	Box 397, Arnprior	Arnprior
Donaldson, Thomas G. (a)	R.R.1, Greenock	Culross Tp.
Douglas, John R. & Sons (a)	Wilkesport	Wilkesport
Dresden Tile Yard (a)	R.R.2, Dresden	Dresden
Elliott's Brickyard (a)	555 Wellington St. W., Sault Ste. Marie	Korah Tp.
Elliott, Wm. (a)	R.R.1, Glenannan	Glenannan
Fletcher Brick & Tile (a)	Fletcher	Tilbury E. Tp.
Frid Bros. Ltd. (a)	790 Main St. W., Hamilton	Hamilton
Hamilton Pressed Brick Co. Ltd., (a)(b)	211 Kensington Ave. S., Hamilton	Wentworth Co.
Hill, Aaron (a)	Essex	Essex
Hill, A. W. & Sons (a)	Coatsworth	Tilbury E. Tp.
Hodder's Tile Yard (a)	Dutton	Dutton
Howlett, Fred W. & Sons Ltd. (a)	Box 849, Petrolia	Petrolia
Huntsville Brick Works (a)	Box 219, Huntsville	Huntsville
Interprovincial Brick Co. Ltd. (b)	46 Bloor St. W., Toronto	Cheltenham and Milton
Janes, D. A. (a)	Mt. Brydges	Caradoc Tp.
Koebel, C. & Son (a)	Box 3, St. Clements	St. Clements
Lindsay, Earl & Sons (a)	R.R.2, Wallaceburg	Wallaceburg

DOMESTIC CLAY PRODUCTS OPERATORS, 1948

Name of Firm	(a) Clay used (b) Shale used (c) Idle, 1948	(d) Produce bentonite	Head Office Address	Location of Plant
<u>Ontario - (continued)</u>				
Martin, Amos C. (a)	R.R.3, Wallenstein			Peel Tp.
McFarlane, W.J. (a)	Forest			Forest
McFarren, F. B. Ltd. (b)	120 Wellington St. W., Toronto			Streetsville
Milton Brick Co. Ltd. (b)	170 Bloor St. W., Toronto			Milton
Napanee Brick & Tile Works (a)	R.R.3, Napanee			Napanee
National Fireproofing Co. of Canada Ltd. (a)(b)	57 Bloor St. W., Toronto			East Flamboro Tp.
National Sewer Pipe Co. Ltd.(a)(b)	320 Bay St., Toronto			Hamilton and Swansea
Norwich Brick & Tile Works (a)(b)	R.R.2, Norwich			Norwich
Ontario Reformatory (a)(b)	Mimico			Mimico
Ottawa Brick & Terra Cotta Co. Ltd. (a)(b)	Billings Bridge			Billings Bridge
Owen Sound Brick Co. Ltd. (c)	928 Second Ave. E., Owen Sound			Owen Sound
Paxton Brick & Coal Co. Ltd. (a)	70 Herrick Ave., St. Catharines			St. Catharines
Phippen & Son (a)	390 Dawes Rd., Toronto			East York
Seegmeller E. & E. Ltd. (a)	525 Wendell Ave., Kitchener			Kitchener
Sproat & Sproat (a)	R.R.4, Seaforth			Tuckersmith Tp.
Superior Brick & Tile Co. Ltd. (a)	426 Victoria Ave., Fort William			Paipoonge Tp.
Taylor Bros. (a)	Beaverton			Beaverton
Thomson, R. (a)	R.R.4, Atwood			Grey Tp.
Toronto Brick Co. Ltd. (a)(b)	897 Bay St., Toronto			Todmorden and Toronto
Wagstaff Brick & Tile Co. (a)	R.R.4, Lindsay			Lindsay
Wallace, R. & Son (a)	238 First Ave. E., North Bay			Widdifield Tp.
Winch, Stuart A. (a)	Paisley			Paisley
Wright, F. M. (a)	Comber			Tilbury W. Tp.
Wright Brick Co. (a)	Box 56 "H" Toronto			East York Tp.
<u>Manitoba</u>				
Alsip Brick, Tile & Lumber Co. Ltd. (a)	508 Portage Ave., Winnipeg			Portage la Prairie, Whitemouth and Winnipeg
Leary, William A. (b)	Leary's			Leary's
Marion Brick, Tile & Clay Products Ltd. (a)	Box 30, St. Boniface			Old Kildonan
Pembina Mountain Clays Ltd. (d)	915 Paris Bldg., Winnipeg			Morden
<u>Saskatchewan</u>				
Bruno Clay Works Ltd. (a)	508 Portage Ave., Winnipeg			Bruno
Dominion Fire Brick & Clay Products Ltd. (a)	Box 99, Moose Jaw			Claybank
Saskatchewan Clay Products Corp. (a)	401 Westman Chambers, Regina			Estevan
<u>Alberta</u>				
Acme Brick & Tile Co. (a)	125 Alberta Block, Edmonton			Cannell
Aetna Coals Ltd. (d)	Wayne			Wayne
Alberta Clay Products Co. Ltd. (a)	Box 672, Medicine Hat			Medicine Hat
Grande Prairie Brick Yard (a)	Grande Prairie			Grande Prairie
Gundersen Brick & Coal Co. Ltd.(b)	Redcliff			Redcliff
Kidd, Gordon L. (d)	Box 230, Drumheller			Drumheller
Little, J. B. & Sons Ltd. (a)	9120, 100th Ave., Edmonton			Riverdale
Medicine Hat Brick & Tile Co. Ltd. (a)	Box 100, Medicine Hat			Medicine Hat
Redcliff Premier Brick Co. Ltd. (a)(b)	Redcliff			Redcliff
Redcliff Pressed Brick Co. Ltd. (a)(b)	Redcliff			Redcliff

DOMESTIC CLAY PRODUCTS OPERATORS, 1948

Name of Firm	(a) Clay used (b) Shale used Head Office Address	(c) Idle, 1948 (d) Produce bentonite Location of Plant
<u>British Columbia</u>		
Baker Brick & Tile Co. Ltd. (a)	3191 Douglas St., Victoria	Victoria
Bazan Bay Brick & Tile Co. (a)	Saanichton	Bazan Bay
Burrard Brick & Tile Co. (a)(b)	Port Moody	Port Moody
Clayburn Co. Ltd. (a)(b)	850 West Hastings St., Vancouver	Kilgard
Coast Clay Products (a)	Pleasantide	Port Moody
Cowichan Metallic Brick Ltd. (b)	Hillbank	Hillbank
Evans, Coleman & Evans Ltd. (b)	902 Columbia St., Vancouver	Gabriola Island
Fairey & Co. (a)	661 Taylor St., Vancouver	Vancouver
Love's Bricks Ltd. (a)	Grand Forks	Grand Forks
Port Haney Brick Co. Ltd. (a)	846 Howe St., Vancouver	Haney
Ray-Vite Laboratories Ltd. (c)	138 West First Ave., Vancouver	Namu
Richmond, G. W. & Co. (b)	2890 - 12th Ave. E., Vancouver	Kilgard

PRODUCERS OF STONEWARE AND POTTERY, 1948

Name of Firm	Head Office Address	Location of Plant
<u>New Brunswick</u>		
Canuck Pottery (a)	Box 116, Saint John	Little River
Deichmann, K. (a)	Moss Glen	Moss Glen
<u>Quebec</u>		
Laurentian Art Pottery Inc. (c)	St. Jerome	St. Jerome
Poterie de Saguenay, La (c)	Chicoutimi	Chicoutimi
Syndicat Ceramistes de la Beauce(a)	St. Joseph de Beause	St. Joseph de Beause
<u>Ontario</u>		
Foster Pottery Co. (a)	Main St. W., Hamilton	Hamilton
<u>Alberta</u>		
Medalta Potteries Ltd. (a)	Industrial Ave., Medicine Hat	Medicine Hat
Medicine Hat Potteries Ltd. (a)	Bridge & Clay Sts., Medicine Hat	Medicine Hat

II. Products from Imported Clays, 1948

This industry covers the operations of Canadian plants which were occupied chiefly in making ceramic products from imported clays. Products made in these plants during 1948 included high tension insulators, vitreous china sanitaryware, china dinnerware, firebrick, sewer pipe, floor and wall tile, refractory cements, electrical porcelains, etc.

Thirty-eight plants reported in this group for 1948 and their output was valued at \$12,363,734 against last year's total of \$9,604,476 and the 1946 figure of \$7,073,371. The average number of workers was 2,288 and payments for salaries and wages totalled \$4,796,958. Fuel and electricity cost \$722,085 and materials for use in manufacturing processes cost \$2,825,026.

Table 28 - PRINCIPAL STATISTICS OF THE IMPORTED CLAY PRODUCTS INDUSTRY, 1947 and 1948

	1947	1948
Number of plants .....	33	38
Average number of employees .....	2,150	2,288
Salaries and wages .....	\$ 3,817,551	4,796,958
Cost of fuel and electricity .....	\$ 545,952	722,085
Cost of materials at works .....	\$ 2,205,570	2,825,026
Gross selling value of products at works .	\$ 9,604,476	12,363,734

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

Table 29 - EMPLOYEES, SALARIES AND WAGES IN THE IMPORTED CLAY PRODUCTS INDUSTRY, BY PROVINCES, 1947 and 1948

Provinces	Average number of employees				Total	Salaries	Wages	TOTAL SALARIES and WAGES
	On salaries		On wages					
	Male	Female	Male	Female		\$	\$	\$
<u>1947</u>								
Quebec .....	43	7	255	5	310	116,652	538,758	655,410
Ontario .....	131	60	1,075	424	1,690	493,641	2,478,442	2,972,083
Manitoba .....								
Alberta .....	3	1	93	53	150	5,533	184,525	190,058
British Columbia)								
CANADA ....	177	68	1,423	482	2,150	615,826	3,201,725	3,817,551
<u>1948</u>								
Quebec .....	40	11	287	13	351	138,695	689,726	828,421
Ontario .....	134	61	1,109	425	1,729	587,565	3,067,899	3,655,464
Manitoba .....								
Alberta .....	6	3	136	63	208	15,661	297,412	313,073
British Columbia)								
CANADA ....	180	75	1,532	501	2,288	741,921	4,055,037	4,796,958

Table 30 - PRODUCTS MADE IN THE IMPORTED CLAY PRODUCTS INDUSTRY, 1947 and 1948

Product	1947	Gross selling value at works	1948
			Gross selling value at works
Firebrick and stove linings - Rigid .....		643,493	623,499
Plastic .....		424,222	418,367
High temperature cements .....		179,989	168,912
Electrical porcelains (high tension insulators and other electrical porcelains) .....		3,372,015	4,445,890
Pottery - Artware .....		229,211	186,810
Pottery, other (sanitaryware, tableware, stone- ware, etc.) .....		3,327,972	4,936,100
All other products (x) .....		1,427,574	1,584,156
TOTAL .....		9,604,476	12,363,734

(x) Includes sewer pipe, floor tile, wall tile, flue lining, etc.

Clay

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Table 31 - MATERIALS USED IN THE IMPORTED CLAY PRODUCTS INDUSTRY, 1947 and 1948

Material	1947		1948	
	Short tons	Total cost at works	Short tons	Total cost at works
Imported clays - Ball clay .....	6,789	149,167	8,406	197,182
China clay .....	5,065	133,369	7,379	215,747
Fireclay .....	28,396	264,657	36,925	326,594
Saggar clay .....	393	8,723	887	18,785
Other imported clays ...	1,228	26,594	1,021	16,266
Canadian clays - China clay .....	9	584	227	14,734
Fireclay .....	52	1,389	47	1,700
Other Canadian clays ...	176	1,480	70	583
Firebrick, ground or broken (grog), including scrap brick .....	...	99,872	...	128,822
Feldspar .....	4,758	112,903	7,085	194,048
Silica sand and ground quartz .....	5,861	87,090	8,002	116,378
Sodium silicate .....	418	10,974	518	12,994
Talc .....	1,214	25,801	1,127	25,333
Other glazing materials .....	...	45,800	...	77,494
Insulator hardware .....	...	715,863	...	877,381
Shipping containers and packing materials	...	264,021	...	380,929
All other materials and process supplies.	...	257,283	...	220,059
<b>TOTAL .....</b>	...	<b>2,205,570</b>	...	<b>2,825,026</b>

Table 32 - TOTAL PRODUCTION OF REFRactory SHAPES, 1939-1948

Year	From domestic clays				Other (x)	
	Fireclay blocks and shapes	Firebrick		Silica	Rigid fire- brick and stove linings	TOTAL
		M	\$		M	\$
	\$				\$	\$
1939 .....	95,256	2,331	119,346	2,493	124,807	640,376
1940 .....	85,127	3,167	165,525	3,438	182,786	892,072
1941 .....	190,497	3,643	183,897	4,111	238,433	1,186,805
1942 .....	210,246	3,816	197,830	4,273	263,006	1,753,245
1943 .....	262,154	3,644	192,618	4,165	295,505	1,461,484
1944 .....	221,251	3,180	164,837	3,764	296,292	1,706,706
1945 .....	225,275	3,466	186,651	4,208	317,263	1,484,301
1946 .....	222,430	3,367	205,849	2,902	197,804	1,603,185
1947 .....	274,783	3,780	250,668	3,094	303,406	1,779,341
1948 .....	318,810	4,111	311,517	3,464	393,821	2,540,611

(x) Includes shapes made from imported clays, from magnesite, etc., amounting to 54,800 tons in 1942, to 31,341 tons in 1943, to 29,400 tons in 1944, to 26,532 tons in 1945, to 26,832 tons in 1946, to 30,092 tons in 1947, and to 37,241 tons in 1948.

Table 33 - TOTAL PRODUCTION OF REFRACtory CEMENTS AND PLASTICS, 1939-1948

Year	Short tons	Selling value at works	Year	Short tons	Selling value at works
		\$			\$
1939 .....	5,094	271,106	1944 .....	17,383	980,365
1940 .....	10,915	630,450	1945 .....	18,308	1,061,786
1941 .....	16,379	933,388	1946 .....	18,166	1,071,224
1942 .....	18,458	1,027,836	1947 .....	21,118	1,285,580
1943 .....	18,619	1,100,310	1948 .....	27,996	1,439,618 (x)

(x) Includes 1,487 tons of refractories not specified as to kind valued at \$123,356.

## LIST OF FIRMS IN THE IMPORTED CLAY PRODUCTS INDUSTRY - 1948

Name of Firm	Address
<u>Quebec -</u>	
Canada Firebrick Company Limited	4741 St. Ambroise St., Montreal
Canadian Potteries Limited	5 Blvd. du Séminaire, St. Johns
Elsterman Quebec Art Pottery	22 Leblanc St., Ste. Agathe des Monts
Laurentian Art Pottery Inc.	Ave. de la Poterie, St. Jérôme
Standard Clay Products	St. Johns
Vandesca Pottery Ltd.	405 Salaberry St., Joliette
Walker-Hind-Sutherland and Refractories Ltd.	309 St. Ferdinand St., Montreal
<u>Ontario -</u>	
Bell, R. N.	456 Joint St., Woodstock
Canadian Ohio Brass Company Limited	Thorold Rd., Niagara Falls
Canadian Porcelain Company Limited	Paradise Rd., Hamilton
Canada Vitrified Products Limited	Talbot St. E., St. Thomas
Iva Crumback China	53 Perry St., Woodstock
Dominion Potteries	Dundas St. N., Oakville
Donvale Pottery Company	27 Davies Ave., Toronto
Electro Porcelain Limited	2 Stewart St., Kitchener
Ecanada Art Pottery	206 Dundurn St. S., Hamilton
Frontenac Floor & Wall Tile Co. Limited	Kingston
Georgetown Clay Products Limited	King St., Georgetown
Green, A. P., Fire Brick Co. Ltd.	234 Rosemount Ave. (Weston), Toronto
Haines Ceramics Ltd.	94-100 Woodworth Ave., St. Thomas
Hamilton Porcelains Limited	38 Elgin St., Brantford
Humberside Potteries Ltd.	4160 Dundas St. W., Toronto
Industrial Ceramics Ltd.	Cooksville
Lincoln Pottery Limited	Central Ave., Beamsville
McMaster Pottery	Main St., Dundas
National Refractories Limited	Port Robinson
Peterboro Art Pottery	Water St. N., Peterboro
Petrik, John, Limited	290 Dundas St., Woodstock
Plibrico Jointless Firebrick Ltd.	Horner Ave., Toronto
Robinson Clay Product Co. of Canada Ltd.	119 Shaftesbury Ave., Toronto
Royal Canadian Art Pottery	Kenilworth Ave., Hamilton
Sovereign Potteries Limited	282 Sherman Ave. N., Hamilton
York China and Artware Co. Ltd.	615 Spadina Ave., Toronto
Royal Canadian Art Pottery	Kenilworth Ave., Hamilton
<u>Manitoba -</u>	
Steinbach Pottery	Steinbach
<u>Alberta -</u>	
Medalta Potteries Limited	Industrial Ave., Medicine Hat
National Porcelain Limited	Medicine Hat
<u>British Columbia -</u>	
Allen Refractories	65-E - 1st Ave., Vancouver
Lambert Potteries	4316 Fraser Ave., Vancouver

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