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ANALYSIS OF
CERAMIC FLOOR AND WALL TILES

JANUARY TO DECEMBER 1980

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Canada

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- REFERENCES: (1) Customs Tariffs: Items 28415-1 & 28500-1
- (2) Canadian International Trade Classification
(Cat. #65-502E, Statistics Canada)
- (3) Imports by Commodities
(Cat. #65-007, Statistics Canada)
Commodity Code 472-33 & 472-35

SECTION I

SCOPE OF ANALYSIS

This report is based on a detailed examination of documents covering imports of ceramic floor and wall tiles during the period January to December 1980. These products are included in Statistics Canada Import Commodity Codes:

472-33 Earthenware tiles, floor and wall, under 2-1/2 x 2-1/2 inches in size

472-35 Earthenware tiles, floor and wall, 2-1/2 x 2-1/2 inches and over

The documents examined were selected by a sampling technique as follows. All shipments were divided into three groups (strata). For each stratum is shown the value and the proportion of invoices included in the sample. Sampling in each strata was systematic from random starts.

<u>Stratum No.</u>	<u>Invoice Value</u> (\$)	<u>Sampling Ratio</u>
1	40,000 and over	Take all
2	15,000 to 39,999	Take 1 in 2
3	0 to 14,999	Take 1 in 4

In all 1,131 invoices were examined. These accounted for 50 per cent of the total value of imports in this report during the period analyzed.

SECTION II

RECONCILIATION

The value reported in this analysis does not correspond to published Statistics Canada figures for various reasons.

Reconciliation of the two total figures is explained as follows:

<u>Values accounted for</u>	<u>Value</u> <u>(\$,000)</u>
Documents which referred to products which should have been classified elsewhere	848
Documents not available for analysis	550
<u>Difference in definition of value</u>	
Import Analysis Directorate uses selling price F.O.B.; Statistics Canada values are for Customs duty purposes	803
Total values analyzed in this report	<u>48,910</u>
Total values accounted for as above	51,111
Total values published by Statistics Canada for 1980	50,810

Difference of Total Values = \$301,000 (+ 0.6 per cent)

Standard deviation of total value due to sampling \$550,000 (approximately)

NOTE: Statistics Canada's figures are subject to revision; changes will be reflected in the normal way: i.e., "pink sheets", which are located in the front section of catalogue #65-007.

SECTION III

ANALYSIS OF IMPORTS

Imports of ceramic floor and wall tiles during the period January to December 1980 amounted to \$48,910,309 (see Section IV for explanation of sampling technique used in this report).

Shipments of ceramic floor and wall tiles enter Canada in three specific units of quantity; square feet, linear feet and pieces. All quantities in this report are shown in their original state of importation.

This section includes four tables of information: Table 1 shows imports by type including width and length; Table 2 by country of origin; Table 3 by province of entry and Table 4 by end use industry (S.I.C.)

NOTES

N.F.I. - Not further identified

All percentage figures are rounded.

Dollar values shown are based on selling price F.O.B. plant, in Canadian dollars.

Grand Total values shown for Tables 1 and 3 differ slightly from the reported Grand Total of \$48,910,309 due to rounding.

SUMMARY TABLE 1

IMPORTS OF CERAMIC FLOOR AND WALL TILES - BY TYPE

JANUARY TO DECEMBER 1980

<u>Type</u>	<u>Finish</u>	<u>Q u a n t i t y</u>			<u>Value</u> <u>(\$)</u>
		<u>(Sq.Ft.)</u>	<u>(Lin.Ft.)</u>	<u>(Pcs)</u>	
Mosaic	Glazed	5,884,659	-	-	3,805,688
		-	153,753	-	53,755
		-	-	172,474	80,289
	<hr/>				
	Unglazed	2,723,391	-	-	1,967,576
		-	257,658	-	104,458
-		-	65,124	52,085	
<hr/>					
N.F.I.	773,703	-	-	590,906	
<hr/>					
TOTAL - MOSAIC					6,654,757
Paving	Glazed	231,669	-	-	175,241
		-	387	-	404
		-	-	3,630	1,045
	<hr/>				
	Unglazed	599,049	-	-	543,343
		-	-	460,516	141,309
		-	-	-	684,652
	<hr/>				
	N.F.I.	520,866	-	-	437,757
		-	-	379,776	88,790
		-	-	-	526,547
	<hr/>				
TOTAL - PAVING					1,387,889
Quarry	Glazed	616,266	-	-	593,684
		-	-	58,225	22,171
		-	-	-	615,855
	<hr/>				
	Unglazed	279,153	-	-	166,078
		-	-	200	263
		-	-	-	166,341
	<hr/>				
	N.F.I.	1,578,339	-	-	1,095,178
		-	5,883	-	4,274
		-	-	365,262	110,177
	<hr/>				
TOTAL - QUARRY					1,991,825

Type	Finish	Q u a n t i t y			Value
		(Sq.Ft.)	(Lin.Ft.)	(Pcs.)	(\$)
Floor Tiles	Glazed	3,528,324	-	-	2,518,540
		-	-	472,500	<u>121,985</u>
					2,640,525
	Unglazed	513,567	-	-	464,002
		-	-	383,600	<u>97,332</u>
					561,334
	N.F.I.	1,297,647	-	-	1,015,061
		-	-	459,400	<u>98,137</u>
					1,113,198
TOTAL - FLOOR TILES					4,315,057
Wall Tiles	Glazed	2,118,915	-	-	1,056,101
		-	-	4,432,476	<u>457,899</u>
					1,514,000
	Unglazed	5,570,856	-	-	777,697
	N.F.I.	4,250,457	-	-	1,860,302
		-	-	599,580	<u>45,894</u>
					1,906,196
TOTAL - WALL TILES					4,197,893
Pool Tiles	Glazed	1,440	-	-	1,215
	N.F.I.	-	-	4,000	<u>20,680</u>
TOTAL - POOL TILES					21,895
Shaped N.F.I.	Glazed	-	123,984	-	51,783
		-	-	2,195,874	<u>353,673</u>
					405,456
	Unglazed	-	103,518	-	32,148
		-	-	381,102	<u>83,739</u>
					115,887
	N.F.I.	-	231,054	-	61,250
		-	-	6,897,171	<u>1,508,486</u>
					1,569,736
TOTAL - SHAPED N.F.I.					2,091,079
Floor or Wall Tiles N.F.I.	Glazed	4,705,371	-	-	3,400,184
	Unglazed	1,330,677	-	-	526,167
	N.F.I.	34,903,089	-	-	<u>24,323,570</u>
TOTAL - FLOOR OR WALL TILES N.F.I.					28,249,921
GRAND TOTAL					48,910,316

TABLE 1
IMPORTS OF CERAMIC FLOOR AND WALL TILES, BY TYPE
JANUARY TO DECEMBER 1980

Type	Width/Length		Quantity			Value (\$)
	(inches)	(cm equiv.)	(sq.ft.)	(lin.ft.)	(pcs.)	
Mosaic Glazed	3/8 x 3/8	0.95 x 0.95	8,397	-	-	12,038
	3/4 x 3/4	1.91 x 1.91	62,100	-	-	55,777
	15/16 x 15/16:	2.38 x 2.38:	62,523	-	-	44,119
			-	20,199	-	7,284
	1 x 1:	2.54 x 2.54:	1,137,024	-	-	523,097
			-	-	130,800	69,118
	1 x 2	2.54 x 5.08	103,680	-	-	86,085
	1 x 2-1/2	2.54 x 6.35	4,320	-	-	2,817
	1-5/16 x 1-5/16:	3.33 x 3.33:	20,304	-	-	17,236
			-	5,799	-	2,340
			-	-	300	88
	1-1/2 x 1-1/2	3.81 x 3.81	1,009,953	-	-	531,645
	1-3/4 x 1-3/4	4.45 x 4.45	125,280	-	-	60,783
	1-3/4 x 3-3/4	4.45 x 9.53	17,964	-	-	13,960
	1-15/16x1-15/16:	4.92 x 4.92:	199,818	-	-	174,085
			-	15,198	-	7,041
			-	-	640	189
	2 x 2:	5.08 x 5.08:	392,886	-	-	304,238
			-	25,956	-	13,764
	2 x 4	5.08 x 10.16	59,436	-	-	62,175
	2 x 6	5.08 x 15.24	13,230	-	-	13,054
	2-3/16 x 2-3/16	5.56 x 5.56	346,383	-	-	245,360
	2-1/4 x 2-1/4:	5.72 x 5.72:	482,283	-	-	331,622
			-	-	400	494
	2-5/16 x 2-5/16:	5.84 x 5.84:	509,859	-	-	325,198
			-	19,299	-	2,718
			-	-	1,570	90
	2-3/8 x 2-3/8	6.03 x 6.03	58,068	-	-	35,852
	2-1/2 x 2-1/2	6.35 x 6.35	128,115	-	-	98,278
	2-3/4 x 2-3/4	6.99 x 6.99	123,165	-	-	101,271
	3 x 3:	7.62 x 7.62:	63,342	-	-	65,022
			-	33,600	-	6,230
			-	-	32,480	6,566
3 x 4:	7.62 x 10.16:	161,487	-	-	128,830	
		-	-	3,528	3,287	
3-3/8 x 3-3/8	8.57 x 8.57	20,592	-	-	23,882	
3-1/2 x 3-1/2:	8.89 x 8.89:	115,245	-	-	91,378	
		-	8,901	-	1,644	
		-	-	570	93	

Type	Width/Length		Quantity			Value (\$)	
	(inches)	(cm equiv.)	(sq.ft.)	(lin.ft.)	(pcs.)		
Mosaic	Glazed	3-15/16x3-15/16	10 x 10	28,800	-	-	26,094
		5 x 5	12.70x12.70	7,290	-	-	13,084
	N.F.I.:	N.F.I.:		623,115	-	-	418,708
				-	24,801	-	12,734
				-	-	2,186	364
				-	-	-	3,939,732
	Unglazed	15/16 x 15/16:	2.38 x 2.38:	351,603	-	-	254,330
				-	19,695	-	10,487
		1 x 1:	2.54 x 2.54:	871,263	-	-	537,773
				-	68,001	-	22,111
-				-	1,264	350	
1-15/16x1-15/16:		4.92 x 4.92:	675,270	-	-	542,422	
			-	87,201	-	42,725	
			-	-	660	243	
2 x 2:		5.08 x 5.08:	327,366	-	-	260,536	
			-	12,960	-	3,180	
			-	-	1,200	162	
2-1/8 x 2-1/8:		5.40 x 5.40:	316,332	-	-	224,586	
			-	18,000	-	7,159	
2-3/8 x 2-3/8		6.03 x 6.03	39,510	-	-	25,568	
			5 x 5	12.70x12.70	32,760	-	43,016
6 x 6:	15.24x15.24:	-	5,001	-	1,502		
		-	-	62,000	51,330		
10 x 10	25.40 x 25.40	486	-	-	592		
N.F.I.:	N.F.I.:	108,801	-	-	78,753		
		-	46,800	-	17,294		
					2,124,119		
N.F.I.	2 x 2	5.08 x 5.08	35,532	-	-	32,555	
			27,522	-	-	32,508	
			60,840	-	-	47,323	
			72,576	-	-	73,142	
			145,872	-	-	58,776	
			329,517	-	-	230,421	
			101,844	-	-	116,181	
TOTAL - MOSAIC						6,654,757	
<u>Paving</u>							
Glazed	4 x 4:	10.16x10.16:	3,393	-	-	5,076	
			-	387	-	404	
			-	-	1,390	34	
	4 x 8	10.16x20.32	105,417	-	-	92,828	
	5 x 10	12.70x25.40	18,747	-	-	18,750	
	10 x 10	25.40x25.40	864	-	-	1,327	
	10 x 14	25.40x35.56	2,070	-	-	2,900	

Type	Width/Length		Quantity			Value	
	(inches)	(cm equiv.)	(sq.ft.)	(lin.ft.)	(pcs.)	(\$)	
Paving	Glazed	12 x 12:	30.48 x 30.48:	16,794	-	-	16,166
		-	-	-	-	2,240	1,011
	N.F.I.	N.F.I.	84,384	-	-	38,194	<u>176,690</u>
Unglazed	1-1/4 x 5-3/8:	3.175x13.65:	1,467	-	-	1,755	
	-	-	-	-	5,544	2,112	
	3 x 7-3/4	7.62 x 19.68	28,080	-	-	26,338	
	4 x 4	10.16x10.16	6,984	-	-	5,719	
	4 x 6	10.16x15.24	1,719	-	-	7,120	
	4 x 8	10.16x20.32	177,858	-	-	155,789	
	5-3/8 x 6:	13.65x15.24:	10,854	-	-	17,842	
	-	-	-	-	3,694	5,716	
	6 x 6:	15.24x15.24:	372,087	-	-	328,780	
	-	-	-	-	336,334	76,509	
	N.F.I.	N.F.I.	-	-	114,944	56,972	<u>684,652</u>
N.F.I.	4 x 4	10.16x10.16	3,780	-	-	3,548	
	4 x 5-5/8	10.16x14.29	1,035	-	-	1,281	
	4 x 8	10.16x20.32	54,558	-	-	45,487	
	4-7/8 x 9-5/8	12.38x24.45	84,627	-	-	69,185	
	5 x 10	12.70x25.40	74,511	-	-	58,316	
	5-3/8 x 6	13.65x15.24	3,690	-	-	6,321	
	6 x 6	15.24x15.24	137,349	-	-	124,243	
	8 x 8	20.32x20.32	15,111	-	-	6,399	
	12 x 12	30.48x30.48	21,366	-	-	9,037	
	N.F.I.:	N.F.I.:	124,839	-	-	113,940	
-	-	-	-	379,776	88,790	<u>526,547</u>	
TOTAL - PAVING						<u>1,387,889</u>	

Quarry

Glazed	2 x 2	5.08 x 5.08	3,168	-	-	4,094	
	2-3/8 x 9	6.03 x 22.86	-	-	48,000	12,641	
	2.5 x 9	6.35 x 22.86	13,374	-	-	28,538	
	2.5 x 10	6.35 x 25.40	39,087	-	-	40,158	
	4 x 8:	10.16x20.32:	261,405	-	-	248,083	
	-	-	-	-	2,320	1,165	
	5 x 10	12.70x25.40	122,337	-	-	134,157	
	6 x 6	15.24x15.24	133,614	-	-	76,157	
	6 x 12	15.24x30.48	-	-	800	2,136	
	7-5/8 x 7-5/8	19.37x19.37	11,862	-	-	17,282	
	N.F.I.:	N.F.I.:	31,419	-	-	45,215	
	-	-	-	-	7,105	6,229	<u>615,855</u>

Type	Width/Length		Quantity			Value	
	(inches)	(cm equiv.)	(sq.ft.)	(lin.ft.)	(pcs.)	(\$)	
Quarry	Unglazed	4 x 4	116,208	-	-	35,572	
		4 x 6	216	-	-	1,292	
		4 x 8	765	-	-	1,132	
		6 x 6	89,001	-	-	89,504	
		N.F.I.:	N.F.I.:	72,963	-	-	38,578
				-	-	200	263
							<u>166,341</u>
	N.F.I.	1 x 1	2.54 x 2.54	10,161	-	-	7,963
		2 x 4:	5.08 x 10.16:	42,876	-	-	45,921
				-	4,479	-	2,844
2-1/2 x 10		6.35 x 25.40	2,484	-	-	2,376	
3 x 9		7.62 x 22.86	828	-	-	1,072	
4 x 4:		10.16x10.16	42,381	-	-	44,449	
			-	1,404	-	1,430	
4 x 8:		10.16x20.32	577,737	-	-	407,729	
			-	-	29,200	8,490	
4 x 10		10.16x25.40	-	-	8,240	7,801	
5 x 10:		12.70x25.40:	25,731	-	-	24,421	
			-	-	570	1,739	
6 x 6:		15.24x15.24	625,428	-	-	364,085	
			-	-	97,462	33,151	
7-5/8 x 7-5/8		19.37x19.37	2,763	-	-	3,985	
N.F.I.:	N.F.I.:	247,950	-	-	193,177		
		-	-	229,790	58,996		
					<u>1,209,629</u>		
TOTAL - QUARRY						1,991,825	
<u>Floor Tiles</u>							
Glazed	4 x 8:	10.16x20.32	586,890	-	-	483,497	
			-	-	156,000	26,269	
	4 x 10	10.16x25.40	11,160	-	-	9,260	
	4-1/4 x 4-1/4	10.80x10.80	135,000	-	-	50,680	
	4-15/16 x 6	12.54x15.24	42,912	-	-	40,980	
	6 x 6	15.24x15.24	185,445	-	-	102,229	
	6 x 9	15.24x22.86	42,966	-	-	37,360	
	8 x 8:	20.32x20.32:	2,013,327	-	-	1,397,786	
			-	-	105,600	33,488	
	8 x 12	20.32x30.48	-	-	38,400	22,710	
	N.F.I.:	N.F.I.:	510,624	-	-	396,748	
			-	-	172,500	39,518	
						<u>2,640,525</u>	

Type	Width/Length		Quantity			Value	
	(inches)	(cm equiv.)	(sq.ft.)	(lin.ft.)	(pcs.)	(\$)	
Floor Tiles	Unglazed	15/16 x 15/16	2.38 x 2.38	142,560	-	-	103,860
		4 x 6	10.16x15.24	1,467	-	-	3,047
		4 x 8:	10.16x20.32:	1,332	-	-	1,570
				-	-	31,680	9,308
		6 x 6:	15.24x15.24:	307,845	-	-	289,281
				-	-	351,920	88,024
		6-1/4 x 6-1/4	15.88x15.88	44,883	-	-	36,836
		8 x 8	20.32x20.32	3,222	-	-	3,906
		8-1/2 x 8-1/2	21.59x21.59	648	-	-	1,152
		12 x 20	30.48x50.80	11,502	-	-	24,184
		N.F.I.	N.F.I.	108	-	-	166
							<u>561,334</u>
	N.F.I.	1-3/8 x 1-3/8	3.49 x 3.49	1,800	-	-	4,170
3-1/4 x 10-3/4		8.25 x 26.35	2,583	-	-	6,095	
4 x 4		10.16x10.16	441	-	-	1,108	
4 x 8		10.16x20.32	274,662	-	-	210,598	
4-1/2 x 9-1/2		11.43x24.13	79,965	-	-	69,741	
6 x 6:		15.24x15.24	16,398	-	-	14,212	
			-	-	312,400	45,722	
6 x 8		15.24x20.32	23,670	-	-	21,461	
8 x 8		20.32x20.32	527,076	-	-	397,038	
8 x 12		20.32x30.48	58,752	-	-	34,095	
10 x 10		25.4 x 25.4	17,820	-	-	9,421	
12 x 12		30.48x30.48	19,881	-	-	25,339	
12-3/8 x 12-3/8		31.43x31.43	16,848	-	-	17,319	
N.F.I.:		N.F.I.:	257,751	-	-	204,464	
			-	-	147,000	52,415	
					<u>1,113,198</u>		
TOTAL - FLOOR TILES						4,315,057	
<u>Wall Tiles</u>							
Glazed	4 x 4	10.16x10.16	23,346	-	-	30,749	
	4 x 8	10.16x20.32	203,778	-	-	94,267	
	4-1/4 x 4-1/4:	10.80x10.80:	200,547	-	-	126,900	
			-	-	606,640	29,391	
	4-1/4 x 8-1/2	10.80x21.59	3,186	-	-	4,140	
	4-5/16 x 4-5/16	10.95x10.95	13,986	-	-	17,752	
	4-3/8 x 4-3/8	11.11x11.11	50,004	-	-	17,775	
	6 x 6:	15.24x15.24:	1,181,160	-	-	572,589	
			-	-	2,879,080	306,708	
	6 x 8:	15.24x20.32:	3,357	-	-	3,356	
			-	-	170,000	57,909	
	8 x 8	20.32x20.32	14,589	-	-	21,212	
	N.F.I.:	N.F.I.:	424,962	-	-	167,361	
			-	-	776,756	63,891	
						<u>1,514,000</u>	

Type	Width/Length		Quantity			Value (\$)
	(inches)	(cm equiv.)	(sq.ft.)	(lin.ft.)	(pcs.)	
Shaped N.F.I.						
N.F.I.	2 to 2-3/8 x 4 to 8	5.08 to 6.03 x 10.16 to 20.32	-	-	108,436	18,414
	2.5 x 2.5	6.35 x 6.35	-	30,564	-	20,794
	2-15/16 to 3-3/16 x 6 to 12	7.46 to 8.10 x 15.24 to 30.48	-	-	131,360	46,148
	3-3/16 x 12	8.10 x 30.48	-	75,855	-	20,635
	3-3/4 x 7-5/8	9.53 x 19.37	-	-	686	841
	4 x 4	10.16 x 10.16	-	-	3,052	5,495
	4 x 7	10.16 x 17.78	-	-	281,600	24,733
	4 x 8	10.16 x 20.32	-	-	578,816	99,738
	4 to 5-1/2 x 4-1/4 to 11	10.16 to 13.97 x 10.80 to 27.94	-	-	279,842	90,399
	6 x 6	15.24 x 15.24	-	-	3,027,959	346,744
	6 x 8	15.24 x 20.32	-	-	452,192	173,642
	6 x 9	15.24 x 22.86	-	-	13,300	22,171
	6 x 12	15.24 x 30.48	-	-	1,320	4,438
	7 x 8	17.78 x 20.32	-	-	10,616	10,564
	8 x 8	20.32 x 20.32	-	-	160,776	73,857
	8 x 10	20.32 x 25.40	-	-	3,148	8,708
	8 x 12	20.32 x 30.48	-	-	182,186	151,971
	10 x 10	25.40 x 25.40	-	-	39,168	15,269
	11 x 11	27.94 x 27.94	-	-	52,224	23,801
N.F.I.:	N.F.I.		-	124,635	-	19,821
			-	-	1,570,490	391,553
						<u>1,569,736</u>
TOTAL - SHAPED N.F.I.						2,091,079

Floor or Wall
Tiles N.F.I.

Glazed	1 x 1	2.54 x 2.54	5,877	-	-	6,676
	1-3/8 x 1-3/8	3.49 x 3.49	90,720	-	-	74,204
	1-7/8 x 3-7/8	4.76 x 9.84	48,384	-	-	42,520
	2 x 2	5.08 x 5.08	49,950	-	-	30,159
	2 x 4	5.08 x 10.16	82,845	-	-	92,183
	2 x 9-1/2	5.08 x 24.13	18,630	-	-	5,719
	2-1/4 x 2-1/4	5.72 x 5.72	89,406	-	-	67,598
	2-1/2 x 2-1/2	6.35 x 6.35	43,200	-	-	32,818
	3 x 3	7.62 x 7.62	247,491	-	-	228,707
	3-1/4 x 3-1/4	8.26 x 8.26	56,160	-	-	59,912
	3-1/4 x 8	8.26 x 20.32	6,507	-	-	12,941
	3-1/4 x 10-3/8	8.26 x 26.35	58,878	-	-	66,646
	3-1/4 x 12	8.26 x 30.48	21,033	-	-	22,502
	4 x 4	10.16 x 10.16	121,095	-	-	117,253
	4 x 8	10.16 x 20.32	625,842	-	-	576,545
	4-1/4 x 4-1/4	10.80 x 10.80	681,597	-	-	319,602
	6 x 6	15.24 x 15.24	756,846	-	-	389,061
	6 x 8	15.24 x 20.32	218,196	-	-	212,342
	6 x 12	15.24 x 30.48	30,420	-	-	33,972

Type	Width/Length		Quantity			Value (\$)
	(inches)	(cm equiv.)	(sq.ft.)	(lin.ft.)	(pcs.)	
Floor or Wall Tiles N.F.I.						
Glazed	8 x 8	20.32 x 20.32	297,738	-	-	321,430
	8 x 10	20.32 x 25.40	42,453	-	-	38,778
	8 x 12	20.32 x 30.48	47,277	-	-	46,339
	9-3/4 x 9-3/4	24.77 x 24.77	3,483	-	-	7,215
	10 x 10	25.40 x 25.40	99,162	-	-	98,150
	N.F.I.	N.F.I.	962,181	-	-	496,912
						<u>3,400,184</u>
Unglazed	2 x 2	5.08 x 5.08	107,532	-	-	110,796
	2 x 6	5.08 x 15.24	13,023	-	-	1,695
	2-1/2 x 2-1/2	6.35 x 6.35	25,920	-	-	21,974
	3 x 3	7.62 x 7.62	24,390	-	-	24,180
	3 x 8	7.62 x 20.32	774	-	-	944
	3-1/2 x 3-1/2	8.89 x 8.89	6,660	-	-	2,406
	4 x 4	10.16 x 10.16	100,890	-	-	38,857
	4 x 8	10.16 x 20.32	27,729	-	-	9,993
	4-1/4 x 4-1/4	10.80 x 10.80	248,850	-	-	23,246
	4-1/2 x 8-1/2	11.43 x 21.59	202,806	-	-	27,791
	5 x 5	12.70 x 12.70	22,383	-	-	13,652
	6 x 6	15.24 x 15.24	383,805	-	-	151,174
	8 x 8	20.32 x 20.32	93,438	-	-	20,373
	8 x 12	20.32 x 30.48	5,067	-	-	10,734
	12-1/2 x 12-1/2	31.75 x 31.75	2,151	-	-	5,404
	N.F.I.	N.F.I.	65,259	-	-	62,948
						<u>526,167</u>
N.F.I.	1 x 1	2.54 x 2.54	96,084	-	-	72,768
	1-1/2 x 1-1/2	3.81 x 3.81	11,907	-	-	16,267
	1-3/4 x 1-3/4	4.45 x 4.45	64,800	-	-	31,889
	1-7/8 x 1-7/8	4.76 x 4.76	97,614	-	-	36,932
	2 x 2	5.08 x 5.08	105,579	-	-	102,972
	2 x 4	5.08 x 10.16	7,191	-	-	6,911
	2 x 9-1/2	5.08 x 24.13	28,917	-	-	31,272
	2 x 12	5.08 x 30.48	1,935	-	-	2,317
	2-3/8 x 2-3/8	6.03 x 6.03	63,504	-	-	36,210
	2-1/2 x 2-1/2	6.35 x 6.35	27,459	-	-	23,744
	2-7/8 x 10-1/2	7.30 x 26.67	2,412	-	-	4,322
	3 x 3	7.62 x 7.62	57,600	-	-	34,348
	3 x 4	7.62 x 10.16	864	-	-	585
	3 x 6	7.62 x 15.24	3,969	-	-	12,421
	3 x 9	7.62 x 22.86	29,700	-	-	16,146
	3 x 10	7.62 x 25.40	3,627	-	-	4,714
	3 x 11	7.62 x 27.94	42,687	-	-	44,131
	3-1/4 x 4-15/16	8.26 x 12.54	31,239	-	-	15,000
	3-1/4 x 11-1/4	8.26 x 28.58	24,858	-	-	42,313
	3-1/4 x 12	8.26 x 30.48	7,839	-	-	10,246
	3-1/2 x 14-1/2	8.89 x 36.83	3,510	-	-	4,048
	3-1/4 x 7-5/8	7.53 x 19.37	39,906	-	-	45,684
	3-3/4 x 11	9.53 x 27.94	4,761	-	-	4,128
	4 x 4	10.16 x 10.16	162,027	-	-	174,131
	4 x 8	10.16 x 20.32	5,400,387	-	-	3,799,774
	4 x 8-1/2	10.16 x 21.59	55,908	-	-	34,025

Type	Width/Length		Quantity			Value
	(inches)	(cm equiv.)	(sq.ft.)	(lin.ft.)	(pcs.)	(\$)
Floor or Wall Tiles N.F.I.						
N.F.I.	4 x 9	10.16 x 22.86	99,999	-	-	71,622
	4 x 10	10.16 x 25.40	46,809	-	-	35,202
	4 x 12	10.16 x 30.48	54,756	-	-	55,385
	4-1/4 x 4-1/4	10.80 x 10.80	223,326	-	-	122,909
	4-1/4 x 8-1/2	10.80 x 21.59	417,951	-	-	356,951
	4-3/8 x 4-3/8	11.11 x 11.11	1,728	-	-	2,920
	4-5/8 x 9-5/8	11.75 x 24.45	71,622	-	-	57,553
	4-15/16 x 7-1/4	12.54 x 18.42	339,687	-	-	232,128
	4-15/16 x 9-5/8	12.54 x 24.45	19,881	-	-	16,601
	4-15/16 x 10	12.54 x 25.40	6,021	-	-	3,102
	5 x 5	12.70 x 12.70	173,439	-	-	142,899
	5 x 5-1/2	12.70 x 13.97	1,377	-	-	1,494
	5 x 10	12.70 x 25.40	43,704	-	-	51,489
	5-1/4 x 5-1/4	13.33 x 13.33	5,499	-	-	7,448
	5-1/4 x 8	13.33 x 20.32	12,726	-	-	21,045
	5-1/4 x 10-1/2	13.33 x 26.67	74,943	-	-	67,408
	5-5/8 x 8	14.29 x 20.32	28,152	-	-	22,461
	5-5/8 x 11-1/4	14.29 x 28.58	10,368	-	-	14,100
	5-15/16 x 5-15/16	15.08 x 15.08	13,356	-	-	23,398
	6 x 6	15.24 x 15.24	11,128,293	-	-	5,333,925
	6 x 8	15.24 x 20.32	1,398,699	-	-	1,061,530
	6 x 9	15.24 x 22.86	902,709	-	-	463,574
	6 x 10	15.24 x 25.40	1,503	-	-	2,370
	6 x 12	15.24 x 30.48	161,163	-	-	139,568
	7-1/4 x 7-1/4	18.42 x 18.42	29,268	-	-	20,317
	7-1/2 x 15	19.05 x 38.10	37,197	-	-	13,896
	7-5/8 x 7-5/8	19.37 x 19.37	4,698	-	-	7,379
	7-7/8 x 7-7/8	20 x 20	33,741	-	-	36,844
	8 x 8	20.32 x 20.32	4,024,701	-	-	3,319,708
	8 x 9-1/4	20.32 x 23.50	4,302	-	-	3,990
	8 x 10	20.32 x 25.40	107,685	-	-	129,725
	8 x 11-1/4	20.32 x 28.58	40,023	-	-	25,904
	8 x 12	20.32 x 30.48	264,897	-	-	316,753
	8 x 16	20.32 x 40.64	1,494	-	-	2,355
	8-1/2 x 8-1/2	21.59 x 21.59	97,011	-	-	95,570
	8-15/16 x 12-3/8	22.70 x 31.43	7,920	-	-	7,057
	9 x 9	22.86 x 22.86	6,318	-	-	5,046
	9 x 12-1/2	22.86 x 31.75	43,191	-	-	25,919
	9-1/4 x 9-1/4	23.50 x 23.50	27,972	-	-	29,263
	9-5/8 x 9-5/8	24.45 x 24.45	51,651	-	-	30,314
	10 x 10	25.40 x 25.40	1,389,384	-	-	1,414,977
	10 x 13-1/4	25.40 x 33.66	9,297	-	-	3,015
	12 x 12	30.48 x 30.48	171,909	-	-	241,375
	12 x 24	30.48 x 60.96	2,232	-	-	4,880
	12-5/8 x 12-5/8	32.07 x 32.07	32,283	-	-	25,839
	13-1/4 x 13-1/4	33.66 x 33.66	27,000	-	-	31,092
	N.F.I.	N.F.I.	6,874,920	-	-	5,617,972
						<u>24,323,570</u>
TOTAL - FLOOR OR WALL TILES N.F.I.						<u>28,249,921</u>
GRAND TOTAL						<u>48,910,316</u>

SUMMARY TABLE 2

IMPORTS OF CERAMIC FLOOR AND WALL TILES - BY COUNTRY OF ORIGIN

JANUARY TO DECEMBER 1980

<u>Country of Origin</u>	<u>Q u a n t i t y</u>			<u>Value</u>
	<u>(Sq.Ft.)</u>	<u>(Lin.Ft.)</u>	<u>(Pcs.)</u>	<u>(\$)</u>
Italy	27,666,360	-	-	21,330,804
	-	205,389	-	38,647
	-	-	973,121	607,050
				<u>21,976,501</u>
Spain	15,350,040	-	-	7,825,479
	-	-	9,109,948	1,283,846
				<u>9,109,325</u>
Japan	7,347,573	-	-	5,376,589
	-	592,206	-	231,652
	-	-	994,880	158,753
				<u>5,766,994</u>
United Kingdom	7,578,513	-	-	2,068,630
	-	-	1,216,876	306,453
				<u>2,375,083</u>
South Korea	3,674,835	-	-	2,121,424
	-	33,399	-	5,014
	-	-	182,140	82,054
				<u>2,208,492</u>
West Germany	1,789,578	-	-	1,731,980
	-	-	1,676,733	444,216
				<u>2,176,196</u>
Brazil	2,817,216	-	-	1,344,639
	-	-	5,696	5,750
				<u>1,350,389</u>
France	1,059,696	-	-	978,915
	-	39,360	-	28,484
	-	-	275,630	88,647
				<u>1,096,046</u>
Israel	851,229	-	-	610,064
Mexico	527,130	-	-	492,688
	-	-	589,888	82,402
				<u>575,090</u>

<u>Country of Origin</u>	<u>Q u a n t i t y</u>			<u>Value</u>
	<u>(Sq.Ft.)</u>	<u>(Lin.Ft.)</u>	<u>(Pcs.)</u>	<u>(\$)</u>
Philippines	641,700	-	-	243,415
	-	-	2,075,600	200,743
				<u>444,158</u>
United States	492,372	-	-	414,947
	-	5,883	-	4,274
	-	-	15,578	8,578
				<u>427,799</u>
Sri Lanka	820,260	-	-	302,861
	-	-	112,560	5,210
				<u>308,071</u>
Portugal	336,222	-	-	191,346
Denmark	54,360	-	-	76,231
Bangladesh	163,053	-	-	65,026
Czechoslovakia	158,499	-	-	58,088
Netherlands	42,309	-	-	56,575
Colombia	50,004	-	-	17,775
	-	-	101,460	9,617
				<u>27,392</u>
Switzerland	6,453	-	-	10,806
	-	-	800	637
				<u>11,443</u>
TOTAL				<u>48,910,309</u>

TABLE 2

IMPORTS OF CERAMIC FLOOR AND WALL TILES, BY COUNTRY OF ORIGIN

JANUARY TO DECEMBER 1980

<u>Country of Origin</u>	<u>Type</u>	<u>Quantity</u>			<u>Value (\$)</u>
		<u>(sq.ft.)</u>	<u>(lin.ft.)</u>	<u>(pcs.)</u>	
Italy	<u>Mosaic</u>				
	Glazed	-	-	3,528	3,287
	N.F.I.	74,574	-	-	88,706
	<u>Paving, N.F.I.</u>	212,382	-	-	188,522
	<u>Quarry</u>				
	Glazed	81,342	-	-	49,186
	N.F.I.	672,660	-	-	284,971
		-	-	234,176	48,648
	<u>Floor Tiles</u>				
	Glazed	479,070	-	-	405,065
		-	-	900	283
	N.F.I.	532,845	-	-	439,635
		-	-	1,400	5,136
	<u>Wall Tiles, N.F.I.</u>	45,819	-	-	34,930
	<u>Shaped</u>				
	Glazed	-	12,096	-	5,098
		-	-	150,540	65,840
N.F.I.	-	193,293	-	33,549	
	-	-	582,577	483,856	
<u>N.F.I.</u>					
Glazed	1,489,959	-	-	1,048,067	
Unglazed	124,704	-	-	51,641	
N.F.I.	23,953,005	-	-	18,740,081	
TOTAL - ITALY				21,976,501	
Spain	<u>Mosaic</u>				
	Glazed	46,899	-	-	20,236
	N.F.I.	475,389	-	-	289,197
	<u>Paving N.F.I.</u>	48,204	-	-	44,137
	<u>Quarry N.F.I.</u>	77,130	-	-	77,124
	<u>Floor Tiles</u>				
	Glazed	2,118,402	-	-	1,447,972
		-	-	105,600	33,488
	Unglazed	-	-	145,920	30,645
	N.F.I.	302,166	-	-	199,771
	-	-	312,400	45,722	

<u>Country of Origin</u>	<u>Type</u>	<u>Quantity</u>			<u>Value (\$)</u>
		<u>(sq.ft.)</u>	<u>(lin.ft.)</u>	<u>(pcs.)</u>	
Spain	<u>Wall Tiles</u>				
	<u>Glazed</u>	1,251,108	-	-	538,627
		-	-	3,049,080	364,618
	N.F.I.	1,063,296	-	-	561,906
		-	-	487,020	40,685
	<u>Shaped</u>				
	<u>Glazed</u>	-	-	339,072	68,254
	N.F.I.	-	-	4,670,856	700,434
	<u>N.F.I.</u>				
	<u>Glazed</u>	1,062,261	-	-	665,043
	<u>Unglazed</u>	179,568	-	-	87,845
	N.F.I.	8,725,617	-	-	3,893,621
	<hr/>				
	TOTAL - SPAIN				9,109,325
Japan	<u>Mosaic</u>				
	<u>Glazed</u>	2,422,215	-	-	1,830,025
		-	125,556	-	49,394
		-	-	35,526	7,645
	<u>Unglazed</u>	2,515,239	-	-	1,790,779
		-	257,652	-	104,458
		-	-	65,124	52,085
	N.F.I.	160,938	-	-	152,973
	<u>Paving</u>				
	<u>Glazed</u>	3,393	-	-	5,076
		-	387	-	404
		-	-	1,390	34
	<u>Floor Tiles</u>				
	<u>Unglazed</u>	142,560	-	-	103,860
	N.F.I.	1,944	-	-	4,689
	<u>Pool Tiles</u>				
	<u>Glazed</u>	1,440	-	-	1,215
	<u>Shaped</u>				
	<u>Glazed</u>	-	106,692	-	46,031
		-	-	301,430	34,876
<u>Unglazed</u>	-	101,919	-	31,365	
	-	-	72,606	29,454	
N.F.I.	-	-	518,804	34,659	
<u>N.F.I.</u>					
<u>Glazed</u>	1,581,264	-	-	1,088,919	
<u>Unglazed</u>	157,842	-	-	156,950	
N.F.I.	360,738	-	-	242,103	
<hr/>					
TOTAL - JAPAN				5,766,994	

Country of Origin	Type	Quantity			Value (\$)	
		(sq.ft)	(lin.ft.)	(pcs.)		
United Kingdom	<u>Paving</u> Unglazed	531,477	-	-	490,298	
		-	-	345,572	84,337	
	N.F.I.	33,192	-	-	34,994	
		-	-	376,320	84,051	
	<u>Quarry</u> Unglazed	89,982	-	-	91,927	
		-	-	200	263	
	N.F.I.	133,632	-	-	127,775	
		-	-	89,280	26,051	
	<u>Floor Tiles</u> Unglazed	310,338	-	-	278,142	
		-	-	237,680	66,688	
	<u>Wall Tiles</u> Glazed	200,763	-	-	178,123	
		5,570,838	-	-	777,698	
	<u>Shaped</u> N.F.I.	-	-	167,824	45,063	
		N.F.I. Unglazed	708,291	-	-	89,673
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TOTAL - UNITED KINGDOM					2,375,083	
South Korea	<u>Mosaic</u> Glazed	3,366,927	-	-	1,894,240	
		-	28,200	-	4,361	
	-	-	133,420	69,359		
	<u>Quarry</u> Glazed	33,966	-	-	54,577	
		-	-	48,000	12,641	
	Unglazed	72,963	-	-	38,578	
		<u>Floor Tiles</u> Glazed	87,093	-	-	53,212
	<u>Shaped</u> Glazed		-	5,199	-	653
		-	-	720	54	
	N.F.I.	48,222	-	-	46,446	
		65,664	-	-	34,371	
	<hr/>					
	TOTAL - SOUTH KOREA					2,208,492

Country of Origin	Type	Quantity			Value (\$)
		(sq. ft.)	(lin. ft.)	(pcs.)	
West Germany	<u>Mosaic</u>				
	Glazed	41,319	-	-	48,104
	Unglazed	35,559	-	-	30,972
	N.F.I.	27,270	-	-	27,475
	<u>Paving</u>				
	Glazed	201,663	-	-	145,778
	Unglazed	67,572	-	-	53,044
		-	-	114,944	56,972
	N.F.I.	152,820	-	-	128,948
	<u>Quarry</u>				
	Glazed	448,695	-	-	462,950
		-	-	10,225	9,530
	N.F.I.	396,117	-	-	376,313
		-	-	27,864	27,838
	<u>Floor Tiles</u>				
	Unglazed	45,297	-	-	52,758
	N.F.I.	97,614	-	-	83,909
		-	-	16,000	21,657
	<u>Wall Tiles</u>				
	Glazed	6,462	-	-	7,752
	<u>Pool Tiles</u>				
	N.F.I.	-	-	4,000	20,680
	<u>Shaped</u>				
Glazed	-	-	609,168	113,819	
Unglazed	-	-	274,176	48,031	
N.F.I.	-	-	620,356	145,689	
<u>N.F.I.</u>					
Glazed	47,295	-	-	50,771	
Unglazed	28,926	-	-	34,065	
N.F.I.	192,969	-	-	229,141	
<hr/>					
TOTAL - WEST GERMANY					2,176,196
Brazil	<u>Paving</u>				
	Glazed	26,604	-	-	24,388
		-	-	2,240	1,011
	N.F.I.	74,259	-	-	41,156
		-	-	3,456	4,739
	<u>Floor Tiles</u>				
	Glazed	99,162	-	-	69,489
	N.F.I.	279,297	-	-	198,122
	<u>Wall Tiles</u>				
	N.F.I.	2,047,131	-	-	850,727
	<u>N.F.I.</u>				
	N.F.I.	290,763	-	-	160,757
	<hr/>				
TOTAL - BRAZIL					1,350,389

Country of Origin	Type	Quantity			Value (\$)
		(sq.ft.)	(lin.ft.)	(pcs.)	
France	<u>Mosaic</u>				
	Glazed	7,290	-	-	13,084
	Unglazed	104,409	-	-	111,884
	N.F.I.	35,532	-	-	32,555
	<u>Floor Tiles</u>				
	Glazed	29,907	-	-	27,532
	Unglazed	15,372	-	-	29,242
	<u>Wall Tiles</u>				
	Glazed	64,386	-	-	81,384
	<u>Shaped</u>				
	Glazed	-	-	12	41
	Unglazed	-	1,599	-	783
	N.F.I.	-	-	34,320	6,253
	N.F.I.	-	37,761	-	27,701
	N.F.I.	-	-	241,298	82,353
<u>N.F.I.</u>					
Glazed	8,865	-	-	9,764	
Unglazed	131,337	-	-	105,993	
N.F.I.	662,598	-	-	567,477	
TOTAL - FRANCE				1,096,046	
Israel	<u>Floor Tiles</u>				
	Glazed	579,672	-	-	464,590
	<u>Wall Tiles</u>				
	N.F.I.	149,940	-	-	59,429
	<u>N.F.I.</u>				
Glazed	38,700	-	-	30,348	
N.F.I.	82,917	-	-	55,697	
TOTAL - ISRAEL				610,064	
Mexico	<u>Wall Tiles</u>				
	Glazed	39,501	-	-	39,705
	N.F.I.	-	-	71,476	33,118
	N.F.I.	39,996	-	-	19,731
	<u>Shaped</u>				
	Glazed	-	-	424,592	33,790
	N.F.I.	-	-	93,820	15,494
<u>N.F.I.</u>					
Glazed	354,807	-	-	351,120	
N.F.I.	92,826	-	-	82,132	
TOTAL - MEXICO				575,090	

Country of Origin	Type	Quantity			Value (\$)
		(sq.ft.)	(lin.ft.)	(pcs.)	
Philippines	<u>Floor Tiles</u>				
	<u>Glazed</u>	135,000	-	-	50,680
		-	-	366,000	88,213
	N.F.I.	-	-	129,600	25,622
	<u>Wall Tiles</u>				
	<u>Glazed</u>	506,700	-	-	192,735
		-	-	1,311,920	60,164
	<u>Shaped</u>				
	<u>Glazed</u>	-	-	268,080	26,744
TOTAL - PHILIPPINES					444,158
United States	<u>Quarry</u>				
	<u>Glazed</u>	52,272	-	-	26,971
	N.F.I.	256,500	-	-	206,478
		-	5,883	-	4,274
		-	-	13,942	7,639
	<u>Floor Tiles</u>				
	N.F.I.	41,481	-	-	32,358
	<u>Wall Tiles</u>				
	N.F.I.	1,359	-	-	2,807
	<u>Shaped</u>				
	N.F.I.	-	-	1,636	939
	<u>N.F.I.</u>				
	<u>Glazed</u>	13,212	-	-	22,668
N.F.I.	127,548	-	-	123,665	
TOTAL - UNITED STATES					427,799
Sri Lanka	<u>Wall Tiles</u>				
	N.F.I.	739,863	-	-	265,744
		-	-	112,560	5,210
	<u>N.F.I.</u>				
	N.F.I.	80,397	-	-	37,117
TOTAL - SRI LANKA					308,071
Portugal	<u>Mosaic</u>				
	<u>Unglazed</u>	68,175	-	-	33,940
	<u>N.F.I.</u>				
	N.F.I.	268,047	-	-	157,406
TOTAL - PORTUGAL					191,346
DENMARK	<u>N.F.I.</u>				
	<u>Glazed</u>	54,360	-	-	76,231

<u>Country of Origin</u>	<u>Type</u>	<u>Quantity</u>			<u>Value</u>
		(sq.ft.)	(lin.ft.)	(pcs.)	(\$)
BANGLADESH	<u>Wall Tiles</u> N.F.I.	163,053	-	-	65,026
Czechoslovakia	<u>Quarry</u> Unglazed	116,208	-	-	35,572
	N.F.I.	42,291	-	-	22,516
TOTAL - CZECHOSLOVAKIA					58,088
NETHERLANDS	<u>Floor Tiles</u> N.F.I.	42,309	-	-	56,575
Colombia	<u>Wall Tiles</u> Glazed	50,004	-	-	17,775
	<u>Shaped</u> Glazed	-	-	101,460	9,617
TOTAL - COLOMBIA					27,392
Switzerland	<u>Shaped</u> Glazed	-	-	800	637
	<u>N.F.I.</u> Glazed	6,453	-	-	10,806
TOTAL - SWITZERLAND					11,443
GRAND TOTAL					48,910,309

SUMMARY TABLE 3

IMPORTS OF CERAMIC FLOOR AND WALL TILES - BY PROVINCE OF ENTRY

JANUARY TO DECEMBER 1980

Province of Entry	Q u a n t i t y			Value (\$)
	(Sq.Ft)	(Lin.Ft.)	(pcs.)	
British Columbia	14,195,097	-	-	9,441,745
	-	249,357	-	89,898
	-	-	5,536,042	806,092
				<u>10,337,735</u>
Alberta	1,059,354	-	-	961,223
	-	-	831,612	158,677
				<u>1,119,900</u>
Saskatchewan	54,072	-	-	45,508
	-	-	160	180
				<u>45,688</u>
Ontario	36,566,739	-	-	21,075,883
	-	507,192	-	161,951
	-	-	7,960,152	1,547,423
				<u>22,785,257</u>
Quebec	18,920,412	-	-	13,397,222
	-	119,694	-	56,220
	-	-	2,527,232	701,657
				<u>14,155,099</u>
New Brunswick	214,173	-	-	161,575
Nova Scotia	385,965	-	-	208,434
	-	-	475,712	69,925
				<u>278,359</u>
Newfoundland	31,563	-	-	26,699
TOTAL				<u>48,910,312</u>

TABLE 3
IMPORTS OF CERAMIC FLOOR AND WALL TILES , BY PROVINCE OF ENTRY
JANUARY TO DECEMBER 1980

<u>Province of Entry</u>	<u>Type</u>	<u>Quantity</u>			<u>Value (\$)</u>
		<u>(sq.ft.)</u>	<u>(lin.ft.)</u>	<u>(pcs.)</u>	
British Columbia	<u>Mosaic</u>				
	<u>Glazed</u>	1,003,644	-	-	717,639
		-	39,195	-	18,876
		-	-	3,780	1,570
	<u>Unglazed</u>	767,043	-	-	487,843
		-	86,361	-	28,270
		-	-	2,764	623
	<u>N.F.I.</u>	163,476	-	-	137,388
	<u>Paving</u>				
	<u>Glazed</u>	45,972	-	-	43,676
		-	387	-	404
		-	-	1,390	34
	<u>Unglazed</u>	423,558	-	-	371,573
		-	-	20,572	11,602
	<u>N.F.I.</u>	218,637	-	-	202,950
	<u>Quarry</u>				
	<u>Glazed</u>	261,729	-	-	283,237
		-	-	8,122	6,405
	<u>Unglazed</u>	126,414	-	-	93,302
		-	-	200	263
	<u>N.F.I.</u>	467,379	-	-	331,952
		-	-	102,282	41,074
	<u>Floor Tiles</u>				
	<u>Glazed</u>	507,096	-	-	315,709
		-	-	105,600	33,488
	<u>Unglazed</u>	-	-	107,800	27,612
	<u>N.F.I.</u>	201,420	-	-	162,067
		-	-	129,600	25,622
	<u>Wall Tiles</u>				
	<u>Glazed</u>	287,703	-	-	135,618
	-	-	1,546,560	131,399	
<u>N.F.I.</u>	1,171,449	-	-	505,955	
	-	-	112,560	5,210	
<u>Pool Tiles</u>					
<u>Glazed</u>	1,440	-	-	1,215	
<u>N.F.I.</u>	-	-	4,000	20,680	
<u>Shaped</u>					
<u>Glazed</u>	-	88,467	-	31,115	
	-	-	1,143,942	143,524	
<u>Unglazed</u>	-	6,600	-	3,460	
	-	-	33,604	3,354	
<u>N.F.I.</u>	30,078	-	-	18,972	
	-	28,347	-	7,773	
	-	-	2,213,266	353,632	

Province of Entry	Type	Quantity			Value (\$)
		(sq.ft.)	(lin.ft)	(pcs.)	
British Columbia	<u>N.F.I.</u>				
	Glazed	1,257,624	-	-	771,009
	Unglazed	60,660	-	-	42,785
	N.F.I.	7,199,775	-	-	4,818,855
TOTAL - BRITISH COLUMBIA					10,337,735
Alberta	<u>Mosaic</u>				
	Glazed	132,048	-	-	89,333
		-	-	3,528	3,287
	N.F.I.	27,522	-	-	32,508
	<u>Floor Tiles</u>				
	N.F.I.	65,889	-	-	77,666
		-	-	16,000	21,657
	<u>Wall Tiles</u>				
	N.F.I.	155,376	-	-	65,682
	<u>Shaped</u>				
	Glazed	-	-	333,336	97,998
	N.F.I.	-	-	478,748	35,735
	<u>N.F.I.</u>				
Glazed	125,946	-	-	131,023	
Unglazed	57,186	-	-	53,242	
N.F.I.	495,387	-	-	511,769	
TOTAL - ALBERTA					1,119,900
Saskatchewan	<u>Shaped</u>				
	N.F.I.	-	-	160	180
	<u>N.F.I.</u>				
N.F.I.	54,072	-	-	45,508	
TOTAL - SASKATCHEWAN					45,688
Ontario	<u>Mosaic</u>				
	Glazed	2,752,974	-	-	1,665,821
		-	53,361	-	7,721
		-	-	32,826	6,241
	Unglazed	1,075,851	-	-	822,920
		-	118,800	-	50,512
	N.F.I.	517,005	-	-	350,402
	<u>Paving</u>				
	Glazed	159,084	-	-	107,178
	Unglazed	55,575	-	-	54,883
		-	-	332,144	105,683
	N.F.I.	105,246	-	-	91,198
	<u>Quarry</u>				
Glazed	122,202	-	-	122,927	
	-	-	48,028	12,833	
N.F.I.	851,166	-	-	599,146	
	-	5,883	-	4,273	
	-	-	48,964	26,312	

Province of <u>Entry</u>	Type	Quantity			Value (\$)
		(sq.ft.)	(lin.ft.)	(pcs.)	
Ontario	<u>Floor Tiles</u>				
	Glazed	2,275,281	-	-	1,607,971
		-	-	171,600	39,234
	Unglazed	355,527	-	-	330,734
		-	-	275,800	69,721
	N.F.I.	552,870	-	-	438,385
		-	-	313,800	50,858
	<u>Wall Tiles</u>				
	Glazed	1,373,886	-	-	565,670
		-	-	2,885,916	326,500
	Unglazed	5,570,838	-	-	777,698
	N.F.I.	1,517,238	-	-	690,121
		-	-	87,000	8,576
	<u>Shaped</u>				
	Glazed	-	29,520	-	17,281
		-	-	717,796	111,513
	Unglazed	22,176	-	-	41,824
		-	96,921	-	28,687
		-	-	275,178	48,602
	N.F.I.	31,104	-	-	37,793
		-	202,707	-	53,477
		-	-	2,771,100	741,350
	<u>N.F.I.</u>				
Glazed	2,598,660	-	-	1,909,792	
Unglazed	1,088,838	-	-	313,967	
N.F.I.	15,541,218	-	-	10,547,453	
TOTAL - ONTARIO					22,785,257
Quebec	<u>Mosaic</u>				
	Glazed	1,995,975	-	-	1,332,896
		-	61,200	-	27,157
		-	-	132,340	69,194
	Unglazed	880,488	-	-	656,813
		-	52,494	-	25,676
		-	-	62,360	51,462
	N.F.I.	65,700	-	-	70,607
	<u>Paving</u>				
	Glazed	26,604	-	-	24,388
		-	-	2,240	1,011
	Unglazed	88,344	-	-	90,186
		-	-	107,800	24,024
	N.F.I.	196,974	-	-	143,609
		-	-	379,776	88,790
	<u>Quarry</u>				
	Glazed	191,457	-	-	149,916
	-	-	2,075	2,933	
Unglazed	152,739	-	-	72,776	
N.F.I.	235,305	-	-	142,853	
	-	-	214,016	42,790	

Province of Entry	Type	Quantity			Value (\$)
		(sq.ft.)	(lin.ft.)	(pcs.)	
Quebec	<u>Floor Tiles</u>				
	Glazed	700,461	-	-	564,118
		-	-	195,300	49,262
	Unglazed	158,040	-	-	133,268
	N.F.I.	477,468	-	-	336,942
	<u>Wall Tiles</u>				
	Glazed	457,335	-	-	354,813
	N.F.I.	1,336,680	-	-	561,112
		-	-	400,020	32,109
	<u>Shaped</u>				
	Glazed	37,953	-	-	20,245
		-	6,000	-	3,387
		-	-	800	637
	Unglazed	24,714	-	-	25,184
		-	-	72,320	31,782
	N.F.I.	1,683	-	-	6,446
		-	-	958,185	307,663
<u>N.F.I.</u>					
Glazed	512,766	-	-	480,409	
Unglazed	77,094	-	-	49,166	
N.F.I.	11,302,632	-	-	8,181,475	
TOTAL - QUEBEC					14,155,099
New Brunswick	<u>N.F.I.</u>				
	Glazed	69,750	-	-	46,916
	N.F.I.	144,423	-	-	114,659
TOTAL - NEW BRUNSWICK					161,575
Nova Scotia	<u>Quarry</u>				
	Glazed	40,896	-	-	37,604
	N.F.I.	24,480	-	-	21,227
	<u>Floor Tiles</u>				
	Glazed	45,450	-	-	30,742
	<u>Wall Tiles</u>				
	N.F.I.	69,723	-	-	37,433
	<u>Shaped</u>				
	N.F.I.	-	-	475,712	69,925
	<u>N.F.I.</u>				
Glazed	102,708	-	-	40,792	
N.F.I.	102,708	-	-	40,636	
TOTAL - NOVA SCOTIA					278,359
NEWFOUNDLAND	<u>Paving</u>				
	Unglazed	31,563	-	-	26,699
GRAND TOTAL					48,910,312

TABLE 4

END USE INDUSTRIES - STANDARD INDUSTRIAL CLASSIFICATION CODES

Imports into Canada of ceramic floor and wall tiles during January to December 1980 by End Use Industries according to Standard Industrial Classification Codes (S.I.C.).

<u>S.I.C. Codes</u>		<u>Value</u> <u>(\$,000)</u>
421	Special - Trade Contractors	25,227
626	Wholesalers of Lumber and Building Materials	9,871
618	Wholesalers of Household Furniture and Furnishing	4,058
351	Clay Products Manufacturers	3,471
676	Household Furniture and Appliance Stores	2,235
629	Wholesalers N.E.S.	2,084
869	Miscellaneous Services to Business Management	510
699	Retail Stores N.E.S.	125
707	Investment and Holding Companies	89
517	Miscellaneous Services Incidental to Transport	39
873	Private Households	14
673	Hardware Stores	3
Not Known		<u>1,184</u>
		48,910

SECTION IV

SAMPLING AND ESTIMATES

Accuracy of Results

Since only a sample of actual shipments were examined, figures in the tables do not correspond exactly to the results which would have been obtained if all shipments had been examined.

The following summary shows the probable Relative Standard Errors for various values in Tables elsewhere in this report. An explanation of how to use this summary follows:

<u>Value in Table</u>	<u>Typical Relative Standard Error (%)</u>
\$49 million	1.1%
\$25 million +	1 to 2%
\$15 to 25 million	2 to 3%
\$ 8 to 15 million	3 to 4.5%
\$ 4 to 8 million	4.5 to 7%
\$ 2 to 4 million	7 to 9%
\$1.25 to 2 million	9 to 11%
\$.75 to 1.25 million	11 to 14%
\$500 to 750 thousand	14 to 18%
\$300 to 500 thousand	18 to 24%
\$200 to 300 thousand	24 to 30%
under \$200 thousand	over 30%

In most cases (approximately two thirds of the time), the true result will be within plus or minus one relative standard error of the values shown in this report. In rare cases (less than one in twenty), the true value will be more than two relative standard errors away from the table value.

For example, in Summary Table 3, Imports of Ceramic Tiles into Alberta are shown as \$1,119,900. From the above summary, the relative standard error is about 12% (since larger values have smaller relative errors) or \$134,000. So it is probable (two chances out of three) that actual imports into Alberta were in the range \$1,119,900 - \$134,000 to \$1,119,900 + 134,000; i.e. \$985,900 to \$1,253,900. Further it is very likely (19 chances out of 20 or 95% sure) that the true value is within two relative standard errors of the table value; i.e. in the range \$851,900 to \$1,387,900.

The reader will note that smaller estimates are increasingly less reliable. Any table values less than \$500,000 may be substantially in error and should be used with caution.

Note that in addition to these sampling errors, the table values may be underestimates due to unavailability of sampled documents (see Section II) and misclassification of documents. The impact of such errors is unknown.

SECTION V

FOREIGN EXPORTERS TO CANADA

Major exporters of ceramic floor and wall tiles to Canada are listed below in descending order of value. These firms accounted for 66 per cent of the total value analyzed during the period January to December 1980.

<u>NAME</u>	<u>ADDRESS</u>	
Azulejera Alcorense S.A.	Almazora (Castellon)	Spain
Cemonsa S.A.	Nules	Spain
H & R Johnson Tiles Ltd.	Stoke-on-Trent	U.K.
Azu-Vi S.A.	Villarreal (Castellon)	Spain
Gail Aktiengesellschaft	Giessen	West Germany
CMC Monoceram SRL	Ravenna	Italy
Cedolesa Ceramica Domingues Delevante	Valencia	Spain
Japan Ceramic Tile Co. Ltd.	Chuo-Ku, Tokyo	Japan
Consozio Gruppo Ceramiche Iris	Fiorano	Italy
Industria Ceramica Parana S.A.	Parana	Brazil
Ceramiche Ragno S.P.A.	Modena	Italy
Ceramica Valverde S.P.A.	Trento	Italy
Cooperativa Ceramica Imola S.R.L.	Imola	Italy
Nippon Tile Industrial Co. Ltd.	Kobe	Japan
Ceramica Azulejera	Soneja	Spain
Consorzio Ceramiche Marazzi S.P.A.	Modena	Italy
Kaneka Shokai Ltd.	Nagoya	Japan
Anichi Sangyo Co.	Chuo-Ku Tokyo	Japan
Ceramica Ilsa S.P.A.	Carcare	Italy
Ceramica San Mario S.P.A.		Italy
Nagoya Tsusho Kaisha Ltd.	Nagoya	Japan
Negeu Ceramics Ltd.	Tel Aviv	Israel
Samsung Co. Ltd.	Seoul	South Korea
Ceramiche Sichenia S.P.A.	Modena	Italy
Kakamu & Co.	Kasahara	Japan
Nittoh Industrial Co. Ltd.	Tajimi	Japan
Ceramica Floor Gres. S.P.A.	F. Modenese	Italy
Ceramica Pastorelli S.P.A.		Italy
Golden-Bell Trading Co. Ltd.	Seoul	South Korea
Cerim. Ceramiche S.P.A.	Bologna	Italy
Mariwasa Manuf. Inc.	Manila	Philippines
Cer. Sicerligure Vaccari S.P.A.	La Spezia	Italy
Oriental Commercial Co. Ltd.	Tokyo	Japan
Ceramica Santa Rita S.R.L.	Modena	Italy
Kowa Co.	Nagoya	Japan
Gruppo Cer. W. Ricchetti S.P.A.	Sassuolo	Italy
Cerdisa S.P.A.	Sassuolo	Italy
Alfa Ceramiche S.P.A.		Italy

FOREIGN EXPORTERS TO CANADA (Cont'd)

<u>NAME</u>	<u>ADDRESS</u>	
Azteca S.L.	Castellon	Spain
Ceramica Valsecchia S.P.A.	Reggiolo	Italy
Arai & Co. Inc.	Nagoya	Japan
Usine Ceramique de Decize	Decize	France
George Wolliscroft & Sons	Stoke-on-Trent	U.K.
Sunkyong Ltd.	Seoul	South Korea
Ceramiche S. Anna S.P.A.	Solignano	Italy
Annawerk	Rodental	West Germany
Dennis Ruabon Ltd.		U.K.
Appiani 2 S.P.A.	Treviso	Italy
Nitto Seito Sho Co. Ltd.		Japan
Ceramiche Piemme S.P.A.	Maranello	Italy
Complejo Industrial Ceramic Ondense	S.A. Onda	Spain
Cerabati	Paris	France
Ceramiche Iris S.P.A.	Modena	Italy
Hyandai Corp.	Seoul	South Korea
Agrob Ceramics Inc.	Pusan	South Korea
Internacional de Ceramica S.A.	Chihuahua	Mexico
Cer. Gres-Lux S.P.A.	Modena	Italy
Azulev Juan Domingo S.A.	Valencia	Spain
Nuova Cedas S.A.S.	San Martino	Italy
Ceramica Vicano Altomena S.P.A.	Pontassieve	Italy
Hellas Ceramica	Modenesse	Italy
Ceramica Nettuno S.P.A.	Modena	Italy
Ceramiche Artistiche Lea S.P.A.	Modena	Italy
Ceramica Regio Montana S.A.	Monterrey	Mexico
Pilkington's Tiles Ltd.	Manchester	U.K.
Porcelanosa		Spain
Eliane Exportacao de Prod.Ceramicos Ltd.	Urussanga	Brazil

SECTION VI

IMPORT TRENDS

Imports by major country of export.

Import Commodity Code 472-33, Ceramic tiles, floor and wall under 2-1/2" x 2-1/2"

Calendar Years 1975-1980

Country of Export	1975		1976		1977		1978		1979		1980		% GROWTH P.A. 1975-1980	
	000's Sq.Ft.	$,000	000's Sq.Ft.	$,000	000's Sq.Ft.	$,000	000's Sq.Ft.	$,000	000's Sq.Ft.	$,000	000's Sq.Ft.	\$,000	Qty.	Value
U.K.	321	90	27	14	68	30	26	16	11	4	24	23	- 40	- 23
France	550	178	324	97	55	48	60	41	173	116	284	181	- 13	..
West Germany	70	36	1,006	302	346	234	730	373	735	474	316	268	+ 35	+ 49
Italy	3,473	1,318	2,607	832	2,930	1,143	5,569	2,282	4,057	1,822	2,601	1,696	- 6	+ 5
Netherlands	-	-	17	9	24	12	-	-	2	3	7	3	..	..
Portugal	302	104	112	29	34	10	45	14	81	27	55	27	- 29	- 23
Spain	975	300	551	126	340	95	1,234	272	1,737	500	1,805	1,025	+ 13	+ 28
Israel	-	-	-	-	10	5	19	13	-	-	125	96	..	..
Japan	8,944	3,132	9,551	3,156	7,829	3,316	6,003	3,319	3,772	2,008	3,647	2,775	- 17	- 1
South Korea	911	564	3,231	722	4,326	1,287	3,088	1,186	3,481	1,652	3,232	1,765	+ 28	+ 26
Philippines	-	-	178	77	109	42	293	74	96	27	-	-	..	..
Taiwan	-	-	17	3	15	5	-	-	-	-	1	1	..	..
Brazil	265	105	18	5	53	20	168	68	476	158	644	240	+ 19	+ 18
Colombia	2	1	-	-	90	24	-	-	-	-	-	-	..	..
U.S.A.	72	28	246	77	137	59	94	31	114	55	193	101	+ 22	+ 29
Other	47	15	-	-	-	-	14	11	41	49	71	67	..	..
TOTAL	15,932	5,870	17,884	5,447	16,366	6,327	17,343	7,700	14,775	6,896	13,006	8,267	- 4	+ 7

Import Commodity Code 472-35, Ceramic tiles floor and wall over 2-1/2" x 2-1/2"

Calendar Years 1975-1980

Country of Export	1975		1976		1977		1978		1979		1980		% GROWTH P.A. 1975-1980	
	000's Sq.Ft.	$,000	000's Sq.Ft.	$,000	000's Sq.Ft.	$,000	000's Sq.Ft.	$,000	000's Sq.Ft.	$,000	000's Sq.Ft.	\$,000	Qty.	Value
U.K.	9,924	1,857	12,429	1,467	8,849	1,398	11,168	1,913	6,120	1,962	7,964	2,648	- 4	+ 7
Belgium-Lux.	8	2	166	91	209	123	262	119	113	81	50	9	+ 45	+ 35
Denmark	9	10	42	25	149	93	366	169	65	61	87	111	+ 59	+ 62
France	713	327	667	346	358	232	709	449	1,234	1,081	897	755	+ 5	+ 18
West Germany	2,750	1,466	3,412	1,678	4,379	2,594	3,386	2,036	4,127	3,233	4,667	2,787	+ 11	+ 14
Italy	14,247	5,335	17,308	5,969	24,415	10,545	23,945	9,604	31,146	17,078	30,814	20,922	+ 17	+ 31
Netherlands	84	52	27	15	55	38	63	28	46	19	34	38	- 17	- 6
Portugal	13	7	2	1	33	21	69	22	175	77	491	308	+107	+113
Spain	4,201	1,293	7,364	1,689	12,037	2,653	15,162	3,433	10,896	3,974	19,028	8,008	+ 35	+ 44
Czechoslovakia	422	119	159	54	167	55	154	55	181	89	160	61	- 18	- 12
Israel	24	20	354	174	356	156	518	267	683	393	629	478	+ 92	+ 89
Japan	3,691	1,283	3,875	1,390	5,006	2,109	4,031	2,059	3,254	1,851	3,891	2,950	+ 1	+ 18
South Korea	474	80	143	34	598	221	806	398	1,109	620	944	591	+ 15	+ 49
Philippines	763	204	890	232	2,008	579	2,087	835	1,374	346	1,002	493	+ 6	+ 19
Brazil	1,472	465	1,133	364	999	352	365	150	436	227	2,129	1,036	+ 8	+ 17
Colombia	395	101	455	90	243	59	67	22	-	-	121	45	..	..
Mexico	18	17	20	8	85	36	98	60	87	99	401	359	+ 86	+ 84
U.S.A.	378	209	485	214	512	289	526	267	517	347	688	541	+ 13	+ 21
Other	102	60	48	15	85	91	109	44	196	108	972	403	+ 57	+ 46
TOTAL	39,687	12,907	48,971	13,855	60,541	21,643	63,892	21,931	61,760	31,646	74,969	42,543	+ 14	+ 27

NOTES: .. Not appropriate

Figures may not add due to rounding

SOURCE: Statistics Canada

SECTION VII

CANADIAN AND FOREIGN TARIFFS

CANADA

Ceramic floor and wall tiles included in this analysis were dutiable under the following most commonly applied tariff items.

<u>Tariff Item</u>	<u>Description</u>	<u>British Preferential Tariff</u>	<u>Most Favoured Nation Tariff</u>	<u>General Tariff</u>	<u>General Preferential Tariff</u>	<u>U.K. & Ireland</u>
28415-1	Earthenware tiles, n.o.p.....	12.5%	19.1%	35%	12.5%	12.5%
28500-1	Tiles or blocks of earthenware or of stone prepared for mosaic flooring	15%	19.1%	30%	12.5%	15%

Tariff items and rates of duty are subject to change, and need to be verified by direct reference to:

Customs Programs Branch, Secretariat
Department of National Revenue
Customs and Excise
Ottawa, Ontario K1A 0L5

FOREIGN COUNTRIES

Inquiries concerning tariffs and other government trade regulations in foreign countries should be directed to:

International Bureaux
Department of Industry, Trade and Commerce
Ottawa, Ontario K1A 0H5