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PRODUCTS MADE FROM CANADIAN CLAYS

Sales by concerns in Canada which made products from domestic clays totalled \$3,266,634 during July, 1954, compared with \$3,227,899 in the previous month. The corresponding total for July, 1953, was \$2,808,069.

Table 1 - Producers' Sales of Products Made from Domestic Clays, June and July, 1954

|  | June     |             | July      |             |           |
|--|----------|-------------|-----------|-------------|-----------|
|  | Quantity | Value<br>\$ | Quantity  | Value<br>\$ |           |
| Building brick .....   | M        | 48,077      | 2,191,561 | 49,343      | 2,232,239 |
| Structural tile .....  | tons     | 15,203      | 282,986   | 15,720      | 292,247   |
| Drain tile .....   | M        | 4,374       | 267,811   | 4,123       | 249,699   |
| Sewer pipe and flue linings .....  | ...      | ...         | 348,562   | ...         | 360,992   |
| Fireclay blocks and shapes .....   | ...      | ...         | 22,478    | ...         | 24,341    |
| Pottery (flower pots, stoneware, artware, etc.) .....                        | ...      | ...         | 41,552    | ...         | 31,590    |
| Other clay products (including firebrick, fire-clay, china clay, etc.) ..... | ...      | ...         | 72,949    | ...         | 75,526    |
| Total .....  | ...      | 3,227,899   | ...       | 3,266,634   |           |

Table 2 - Production, Producers' Sales and Producers' Stocks of Certain Clay Products, July, 1954

|                                      | Atlantic provinces | Quebec                       | Ontario | Prairie provinces                     | British Columbia | CANADA                                |
|--------------------------------------|--------------------|------------------------------|---------|---------------------------------------|------------------|---------------------------------------|
| <u>Building brick</u><br>(thousands) |                    |                              |         |                                       |                  |                                       |
| Stocks - June 30 .....               | 3,118              | 14,840                       | 16,513  | 11,424                                | 191              | 46,086                                |
| Production - July .....              | 3,488              | 15,093                       | 21,211  | 5,707                                 | 855              | 46,354                                |
| Sales - July .....                   | 3,629              | 17,359                       | 22,935  | 4,685                                 | 735              | 49,343                                |
| Stocks - July 31 .....               | 2,977              | 12,574                       | 14,789  | 12,446                                | 311              | 43,097                                |
| <u>Structural tile</u><br>(tons) (★) |                    |                              |         |                                       |                  |                                       |
| Stocks - June 30 .....               | 2,646              | 5,933                        | 6,860   | 1,200                                 |                  | 16,639                                |
| Production - July .....              | 544                | 4,700                        | 5,513   | 3,870                                 |                  | 14,627                                |
| Sales - July .....                   | 797                | 5,427                        | 5,848   | 3,648                                 |                  | 15,720                                |
| Stocks - July 31 .....               | 2,393              | 5,206                        | 6,525   | 1,422                                 |                  | 15,546                                |
| <u>Drain tile</u><br>(thousands) (★) |                    |                              |         |                                       |                  |                                       |
| Stocks - June 30 .....               | 12                 | 62                           | 1,056   | 141                                   |                  | 1,271                                 |
| Production - July .....              | 64                 | 203                          | 3,368   | 341                                   |                  | 3,976                                 |
| Sales - July .....                   | 60                 | 225                          | 3,515   | 323                                   |                  | 4,123                                 |
| Stocks - July 31 .....               | 16                 | 40                           | 909     | 159                                   |                  | 1,124                                 |
|                                      |                    | <u>Flue lining</u><br>(feet) |         | <u>Vitrified sewer pipe</u><br>(feet) |                  | <u>Sand-lime brick</u><br>(thousands) |
| <u>CANADA -</u>                      |                    |                              |         |                                       |                  |                                       |
| Stocks - June 30 .....               |                    | 155,841                      |         | 565,806                               |                  | 1,567                                 |
| Production - July .....              |                    | 137,207                      |         | 449,873                               |                  | 3,285                                 |
| Sales - July .....                   |                    | 127,102                      |         | 555,852                               |                  | 4,150                                 |
| Stocks - July 31 .....               |                    | 165,946                      |         | 459,827                               |                  | 702                                   |

(★) Includes Prairie provinces and British Columbia.

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Table 3 - Producers' Sales of Products Made from Canadian Clays, by Months, 1953 and 1954

|                       | Building brick |            | Structural tile<br>(a) |           | Drain tile |           | Sewer<br>pipe | Fireclay<br>blocks<br>and<br>shapes | Pottery<br>(b) | Other<br>clay<br>products<br>(c) | TOTAL      |
|-----------------------|----------------|------------|------------------------|-----------|------------|-----------|---------------|-------------------------------------|----------------|----------------------------------|------------|
|                       | M              | \$         | tons                   | \$        | M          | \$        |               |                                     |                |                                  |            |
|                       |                |            |                        |           |            |           |               |                                     |                |                                  |            |
| <u>1953</u>           |                |            |                        |           |            |           |               |                                     |                |                                  |            |
| January .....         | 24,858         | 1,057,522  | 13,763                 | 278,220   | 922        | 59,648    | 209,441       | 42,829                              | 34,900         | 62,592                           | 1,745,152  |
| February .....        | 25,255         | 1,079,329  | 12,403                 | 267,040   | 1,239      | 71,544    | 187,715       | 34,874                              | 48,293         | 63,299                           | 1,752,094  |
| March .....           | 28,051         | 1,239,170  | 14,827                 | 274,393   | 1,408      | 88,798    | 254,902       | 33,725                              | 34,993         | 71,323                           | 1,997,304  |
| April .....           | 29,052         | 1,302,811  | 12,399                 | 225,521   | 2,383      | 142,340   | 315,248       | 40,142                              | 44,143         | 71,734                           | 2,141,939  |
| May .....             | 36,172         | 1,565,032  | 17,853                 | 322,166   | 3,035      | 196,938   | 349,178       | 20,596                              | 35,532         | 63,829                           | 2,553,271  |
| June .....            | 38,928         | 1,681,166  | 17,004                 | 298,507   | 3,352      | 205,264   | 323,126       | 30,930                              | 35,891         | 80,010                           | 2,654,894  |
| July .....            | 40,358         | 1,755,105  | 18,717                 | 333,300   | 3,175      | 197,897   | 352,098       | 41,584                              | 37,360         | 90,725                           | 2,808,069  |
| Total seven months .. | 222,674        | 9,680,135  | 106,966                | 1,999,147 | 15,514     | 962,429   | 1,991,708     | 244,680                             | 271,112        | 503,512                          | 15,652,723 |
| August .....          | 37,298         | 1,625,102  | 14,027                 | 259,848   | 3,220      | 196,805   | 308,254       | 27,756                              | 49,072         | 66,665                           | 2,533,502  |
| September .....       | 40,345         | 1,789,211  | 17,653                 | 300,634   | 3,292      | 200,941   | 359,892       | 43,677                              | 50,380         | 90,920                           | 2,835,655  |
| October .....         | 42,993         | 1,919,030  | 20,587                 | 356,569   | 3,018      | 188,084   | 327,230       | 37,349                              | 43,017         | 89,439                           | 2,960,718  |
| November .....        | 40,734         | 1,810,613  | 18,029                 | 332,947   | 2,710      | 167,152   | 310,192       | 29,572                              | 30,760         | 96,368                           | 2,777,604  |
| December .....        | 33,464         | 1,489,865  | 17,420                 | 325,733   | 1,609      | 99,069    | 239,575       | 29,488                              | 30,726         | 66,362                           | 2,280,818  |
| Total .....           | 417,508        | 18,313,956 | 194,682                | 3,574,878 | 29,363     | 1,814,480 | 3,536,851     | 412,522                             | 475,067        | 913,266                          | 29,041,020 |
| <u>1954</u>           |                |            |                        |           |            |           |               |                                     |                |                                  |            |
| January .....         | 23,040         | 1,062,937  | 14,390                 | 273,645   | 892        | 53,520    | 153,373       | 21,279                              | 29,524         | 54,657                           | 1,648,935  |
| February .....        | 25,518         | 1,177,349  | 14,406                 | 260,769   | 1,019      | 62,121    | 198,644       | 31,215                              | 36,955         | 62,744                           | 1,829,797  |
| March .....           | 33,846         | 1,448,025  | 18,483                 | 337,456   | 1,284      | 89,610    | 246,546       | 26,972                              | 47,568         | 70,518                           | 2,266,695  |
| April .....           | 29,379         | 1,346,250  | 13,261                 | 249,090   | 2,109      | 126,243   | 209,878       | 19,446                              | 44,091         | 64,118                           | 2,059,116  |
| May .....             | 39,345         | 1,793,203  | 15,370                 | 283,301   | 3,230      | 195,567   | 242,036       | 28,434                              | 34,816         | 81,121                           | 2,658,478  |
| June .....            | 48,077         | 2,191,561  | 15,203                 | 282,986   | 4,374      | 267,811   | 348,562       | 22,478                              | 41,552         | 72,949                           | 3,227,899  |
| July .....            | 49,343         | 2,232,239  | 15,720                 | 292,247   | 4,123      | 249,699   | 360,992       | 24,341                              | 31,590         | 75,526                           | 3,266,634  |
| Total seven months .. | 248,548        | 11,251,564 | 106,833                | 1,979,494 | 17,031     | 1,044,571 | 1,760,031     | 174,165                             | 266,096        | 481,633                          | 16,957,554 |

(a) Includes floor tile.

(b) Includes flower pots, stoneware, etc.

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

Table 4 - Specified Canadian Imports (★) June, 1954, and Exports of Clay Products, July, 1954 and Year to Date

|   | June     |         | Year to date |              |           |
|---|----------|---------|--------------|--------------|-----------|
|   | Quantity | Value   | Quantity     | Value        |           |
| <u>Imports</u>                          |          |         |              |              |           |
| China clay .....                        | cwt.     | 201,505 | 167,657      | 977,533      | 790,350   |
| Fireclay .....                          | cwt.     | 117,514 | 34,209       | 561,656      | 175,461   |
| Clays, n.o.p. ....                      | ...      | ...     | 42,572       | ...          | 231,448   |
| Activated clay to refine oil .....      | ...      | ...     | 111,552      | ...          | 403,741   |
| Building brick .....                    | tons     | 11,026  | 209,268      | 41,407       | 791,048   |
| Firebrick (furnace or kiln) .....       | ...      | ...     | 279,813      | ...          | 1,333,885 |
| Firebrick, n.o.p. (★) .....             | ...      | ...     | 192,340      | ...          | 1,225,859 |
| Paving brick .....                      | tons     | -       | -            | 422          | 7,763     |
| Building blocks and building tile ..    | ...      | ...     | 58,082       | ...          | 398,642   |
| Drain pipes and sewer pipes, n.o.p. ... | ...      | ...     | 48,073       | ...          | 203,280   |
| Mosaic flooring .....                   | ...      | ...     | 18,204       | ...          | 149,748   |
| Earthenware tiles for roofing .....     | ...      | ...     | 269          | ...          | 3,987     |
| Earthenware tiles, n.o.p. ....          | ...      | ...     | 129,484      | ...          | 585,602   |
| China and porcelain ware, n.o.p. ....   | ...      | ...     | 7,168        | ...          | 50,279    |
| Tableware of china, porcelain .....     | ...      | ...     | 1,342,607    | ...          | 6,480,895 |
| Earthenware, n.o.p. ....                | ...      | ...     | 165,885      | ...          | 533,128   |
| Crucibles, n.o.p., and covers .....     | ...      | ...     | 13,693       | ...          | 50,413    |
| Insulators, electric porcelain .....    | ...      | ...     | 45,020       | ...          | 211,915   |
| Manufactures of clay, n.o.p. ....       | ...      | ...     | 60,021       | ...          | 308,228   |
| <u>Exports</u>                          |          |         |              |              |           |
|   |          | July    |              | Year to date |           |
| Clays, unmanufactured .....             | cwt.     | 25      | 21           | 38,634       | 14,042    |
| Building brick .....                    | M        | 362     | 17,863       | 1,944        | 100,225   |
| Porcelain insulators .....              | ...      | ...     | 7,201        | ...          | 133,448   |
| Earthenware and manufactures .....      | ...      | ...     | 14,123       | ...          | 141,617   |
| Firebrick .....                         | ...      | ...     | 134,504      | ...          | 656,294   |

(★) July, 1954, imports not yet available.

(★) Exclusive of chrome, magnesite and silica.

Table 5 - Number of Employees Reported by Manufacturers of Clay Products (★) Ordinarily Having Fifteen Employees and Over, 1952-1954

| Month           | 1952     | 1953  | 1954  |
|-----------------|----------|-------|-------|
|                 | (Number) |       |       |
| January .....   | 5,497    | 5,663 | 5,572 |
| February .....  | 5,051    | 5,498 | 5,236 |
| March .....     | 5,026    | 5,176 | 5,022 |
| April .....     | 5,406    | 5,208 | 5,160 |
| May .....       | 5,421    | 5,501 | 5,405 |
| June .....      | 5,661    | 5,817 | 5,623 |
| July .....      | 5,869    | 6,046 | 5,850 |
| August .....    | 6,008    | 6,102 |       |
| September ..... | 6,129    | 6,043 |       |
| October .....   | 6,258    | 5,966 |       |
| November .....  | 6,141    | 5,925 |       |
| December .....  | 5,917    | 5,852 |       |

(★) This group includes the manufacture of brick and tile, firebrick and fireclay products, and pottery. The majority of the employees in the group are engaged in brick and tile production.

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