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Stone Industry Canada  
Date 1933  
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**CANADA, DBS.**  
**DEPARTMENT OF TRADE AND COMMERCE**  
**DOMINION BUREAU OF STATISTICS**

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**THE**  
**STONE INDUSTRY**  
**IN**  
**CANADA**  
**1933**

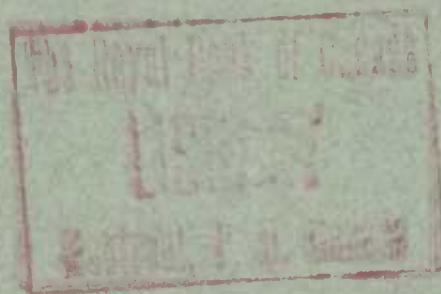
including: 1. The Stone Quarrying Industry;  
2. The Monumental & Ornamental  
Stone Industry.

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Minister of Trade and Commerce.

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

Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)  
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THE STONE INDUSTRY IN CANADA, 1933.

The stone industry in Canada comprises two main divisions: 1. The Stone Quarrying Industry, including quarries and dressing works operated in conjunction with quarries, and 2. The Monumental and Ornamental Stone Industry, comprising the operations of firms having no quarries but who operate dressing works where stone for building and monumental purposes is cut, polished or otherwise finished. In the Census of Industry, statistics on the stone quarrying industry are included under mining, while statistics of the monumental and ornamental stone industry are included under manufactures. For convenience this report carries data for both of these industries.

The Canadian stone industry, as a whole, in 1933 included the operations of 500 plants with a total capital investment of \$21,219,369, according to a report just issued by the Mining, Metallurgical and Chemical Branch of the Dominion Bureau of Statistics at Ottawa. Production during the year was valued at \$4,471,453 which includes the value of the quarry output and the value added by manufacturing in the secondary stone industry. Salaried employees and wage-earners employed in 1933 numbered 2,706 and their combined earnings amounted to \$2,092,201.

The two industries are treated separately in the following review.

1. PRIMARY PRODUCTION - THE STONE QUARRYING INDUSTRY.

Shipments of stone from Canadian quarries during 1933 amounted to 2,939,574 tons valued at \$2,996,576 compared with 4,690,922 tons worth \$4,938,461 in 1932 and 3,397,860 tons at \$11,070,184 in 1931. Production in 1933 comprised 256,723 tons of granite, 2,572,911 tons of limestone, 10,897 tons of marble and 99,043 tons of sandstone; in addition 250 tons of slate valued at \$3,750 were shipped from a quarry in British Columbia and 616,364 tons of limestone were consumed in the cement industry.

The tonnage of limestone shipments in 1933 constituted 87.5 per cent of the total Canadian stone production and the quarrying of this particular rock occurred in every province of the Dominion with the exception of Saskatchewan and Prince Edward Island. Of the total quantity of limestone shipped Ontario produced 47.5 per cent, Quebec, 43.9 per cent, and British Columbia, 5.9 per cent. Limestone consumption was generally at lower levels than during the preceding year. However, it is interesting to note that there were increases of 90.3 per cent in the tonnage going as flux to smelters, 32 per cent in that going to paper mills and 21.5 per cent employed as asphalt filler.

The leading granite producing provinces in 1933, in the order of the value of their shipments, were Quebec, British Columbia and New Brunswick; the greatest single item in tonnage was for road metal. Important quantities of granite were also utilized as rubble and riprap and for concrete aggregate; the higher qualities were sold for building and monumental purposes.

Marble was quarried in 1933 in Quebec, Ontario and British Columbia. The better grade stone was utilized chiefly in construction and for monuments; other grades were used in paper mills, for poultry grit, in stucco dash, in terrazzo flooring and as rubble and riprap. Sandstone in 1933 was shipped from properties in Nova Scotia, New Brunswick, Quebec, Ontario, Alberta and British Columbia and was employed as building stone, flagstone, rubble and riprap, concrete aggregate and road metal.

Although the primary stone industry in Canada during 1933 continued generally to reflect the depression being experienced in the building trades, there was, however, evidence of improvement at the close of the year and especially during the period January 1 to June 30, 1934, when the estimated value of stone and sand and gravel revealed a 20 per cent increase compared with the corresponding period of 1933. The recent uptrend in construction is also evidenced by the increase in the value of contracts awarded during the first nine months of 1934 as compared with the same period in 1933, the figures being, respectively, \$98,145,100 and \$63,430,700, as compiled by the MacLean Building Reports Ltd.

As a result of research work conducted in the laboratories of the Mines Branch, Ottawa, a new limestone-using industry is shortly to be established in Canada, namely, an industry that will produce rock wool - a highly efficient insulating material. Investigations have resulted in the discovery of limestone of suitable composition in Ontario and rock wool of a very high quality has been produced therefrom during experimental work.

Table 1 - PRINCIPAL STATISTICS OF THE STONE QUARRYING INDUSTRY(x) IN CANADA, 1932 and 1933.

|                                       | 1932       | 1933       |
|---------------------------------------|------------|------------|
| Number of firms .....                 | 296        | 288        |
| Capital employed .....\$              | 16,727,481 | 15,758,198 |
| Number of employees - On salary ..... | 250        | 199        |
| On wages .....                        | 2,259      | 1,686      |
| Total .....                           | 2,509      | 1,885      |
| Salaries and wages - Salaries .....   | 470,583    | 311,569    |
| Wages .....                           | 1,580,812  | 939,207    |
| Total .....                           | 2,051,395  | 1,250,776  |
| Cost of fuel and electricity .....    | 420,581    | 283,454    |
| Selling value of products .....       | 4,942,211  | 3,000,326  |

(x) Includes statistics for slate.

Table 2 - AVERAGE NUMBER OF WAGE-EARNERS, BY MONTHS, 1932 and 1933.

| Month          | 1932  | 1933  | Month           | 1932  | 1933  |
|----------------|-------|-------|-----------------|-------|-------|
| January .....  | 1,605 | 689   | July .....      | 3,011 | 2,319 |
| February ..... | 1,640 | 839   | August .....    | 3,087 | 2,245 |
| March .....    | 1,702 | 899   | September ..... | 2,852 | 2,374 |
| April .....    | 1,907 | 1,157 | October .....   | 2,608 | 2,558 |
| May .....      | 2,564 | 1,823 | November .....  | 1,918 | 1,853 |
| June .....     | 2,901 | 2,175 | December .....  | 1,237 | 1,249 |

Table 3 - FUEL AND ELECTRICITY USED, 1932 and 1933.

| Kind                                    | Unit of measure | 1 9 3 2    |               | 1 9 3 3    |               |
|-----------------------------------------|-----------------|------------|---------------|------------|---------------|
|                                         |                 | Quantity   | Cost at works | Quantity   | Cost at works |
| Anthracite coal .....                   | short ton       | 695        | \$ 5,319      | 512        | \$ 3,468      |
| Bituminous coal - Canadian ..           | short ton       | 1,805      | 13,324        | 1,690      | 11,649        |
| Imported ..                             | short ton       | 7,488      | 47,096        | 3,884      | 24,551        |
| Lignite coal .....                      | short ton       | 201        | 995           | 21         | 105           |
| Coke .....                              | short ton       | 55         | 563           | 25         | 308           |
| Gasoline .....                          | Imp. gal.       | 176,699    | 38,641        | 133,669    | 30,272        |
| Kerosene ,.....                         | Imp. gal.       | 2,298      | 666           | 620        | 97            |
| Fuel oil .....                          | Imp. gal.       | 40,825     | 2,933         | 61,912     | 5,121         |
| Wood .....                              | cord            | 2,675      | 10,788        | 2,294      | 6,030         |
| Other fuel .....                        | xxx             | ...        | ...           | ...        | 437           |
| Electricity purchased .....             | k.w.h.          | 24,508,215 | 300,256       | 12,470,882 | 201,416       |
| TOTAL .....                             | xxx             | ...        | 420,581       | ...        | 283,454       |
| Electricity generated for own use ..... | k.w.h.          | 186,285    | ...           | 209,380    | ...           |

Table 4 - POWER EQUIPMENT USED, 1932 and 1933.

|                                              | 1 9 3 2         |                         | 1 9 3 3         |                         |
|----------------------------------------------|-----------------|-------------------------|-----------------|-------------------------|
|                                              | Number of units | Total rated horse power | Number of units | Total rated horse power |
| Steam engines and steam turbines ...         | 104             | 4,850                   | 75              | 3,285                   |
| Gasoline, gas and oil engines .....          | 103             | 3,585                   | 96              | 4,337                   |
| Hydraulic turbines or water wheels .         | 13              | 1,155                   | 12              | 1,135                   |
| Electric motors run by purchased power ..... | 802             | 24,461                  | 782             | 23,239                  |
| Electric motors run by own power ...         | 18              | 654                     | 26              | 781                     |
| TOTAL POWER EMPLOYED .....                   | ...             | 34,705                  | ...             | 52,777                  |
| Boilers installed .....                      | 91              | 4,488                   | 64              | 3,093                   |

TABLE 5 - The following table gives the value of building authorized by the 61 co-operating cities from 1924 to 1933, also index numbers of wholesale prices of building materials and index numbers of wage rates:

| Year       | Value of building permits issued | Average index numbers of wholesale prices     | Index of wage rates in the building trades |
|------------|----------------------------------|-----------------------------------------------|--------------------------------------------|
|            |                                  | of building materials<br>(Average 1926 = 100) | (1913 = 100)                               |
|            | \$                               |                                               |                                            |
| 1924 ..... | 126,583,148                      | 106.6                                         | 169.1                                      |
| 1925 ..... | 125,029,367                      | 102.9                                         | 170.4                                      |
| 1926 ..... | 156,386,607                      | 100.0                                         | 172.1                                      |
| 1927 ..... | 184,613,742                      | 96.1                                          | 179.3                                      |
| 1928 ..... | 219,105,715                      | 97.4                                          | 185.6                                      |
| 1929 ..... | 234,944,549                      | 99.0                                          | 197.5                                      |
| 1930 ..... | 166,379,325                      | 90.8                                          | 203.2                                      |
| 1931 ..... | 112,222,845                      | 81.9                                          | 195.7                                      |
| 1932 ..... | 42,319,397                       | 77.2                                          | 178.2                                      |
| 1933 ..... | 21,776,496                       | 78.3                                          | 158.0                                      |

Table 6 - PRODUCTION OF STONE FROM CANADIAN QUARRIFS, BY KINDS AND BY PROVINCES, 1932  
and 1933.

| Province               |      | Granite   | Limestone | Marble  | Sandstone | TOTAL     |
|------------------------|------|-----------|-----------|---------|-----------|-----------|
| <u>1932</u>            |      |           |           |         |           |           |
| Nova Scotia .....      | tons | 3,635     | 9,974     | ...     | 21,052    | 34,661    |
|                        | \$   | 18,461    | 27,990    | ...     | 40,856    | 87,307    |
| New Brunswick .....    | tons | 4,369     | 10,707    | ...     | 1,729     | 16,805    |
|                        | \$   | 102,699   | 31,554    | ...     | 20,665    | 154,918   |
| Quebec .....           | tons | 143,520   | 1,622,802 | 9,832   | 470,671   | 2,246,825 |
|                        | \$   | 541,689   | 1,337,688 | 206,502 | 275,022   | 2,360,901 |
| Ontario .....          | tons | 73,272    | 1,825,793 | 2,065   | 4,008     | 1,905,138 |
|                        | \$   | 186,357   | 1,419,049 | 40,175  | 9,435     | 1,655,016 |
| Manitoba .....         | tons | 18        | 78,405    | ...     | ...       | 78,423    |
|                        | \$   | 232       | 299,050   | ...     | ...       | 299,282   |
| Alberta .....          | tons | ...       | 1,428     | ...     | ...       | 1,428     |
|                        | \$   | ...       | 2,985     | ...     | ...       | 2,985     |
| British Columbia ..... | tons | 266,008   | 138,132   | 482     | 3,020     | 407,642   |
|                        | \$   | 261,144   | 109,399   | 4,029   | 3,480     | 378,052   |
| CANADA .....           | tons | 490,822   | 3,687,241 | 12,379  | 500,480   | 4,690,922 |
|                        | \$   | 1,110,582 | 3,227,715 | 250,706 | 349,458   | 4,938,461 |
| <u>1933</u>            |      |           |           |         |           |           |
| Nova Scotia .....      | tons | 8,145     | 21,514    | ...     | 11,790    | 41,449    |
|                        | \$   | 36,675    | 43,911    | ...     | 16,043    | 96,629    |
| New Brunswick .....    | tons | 1,792     | 14,262    | ...     | 660       | 16,714    |
|                        | \$   | 82,771    | 41,904    | ...     | 6,695     | 131,370   |
| Quebec .....           | tons | 131,837   | 1,129,248 | 7,983   | 73,425    | 1,342,493 |
|                        | \$   | 408,207   | 940,019   | 42,283  | 58,231    | 1,448,740 |
| Ontario .....          | tons | 19,650    | 1,222,752 | 2,614   | 8,890     | 1,253,906 |
|                        | \$   | 39,433    | 910,419   | 21,083  | 12,333    | 983,268   |
| Manitoba .....         | tons | 332       | 32,858    | ...     | ...       | 33,190    |
|                        | \$   | 2,987     | 71,240    | ...     | ...       | 74,227    |
| Alberta .....          | tons | ...       | 1,472     | ...     | 78        | 1,550     |
|                        | \$   | ...       | 4,317     | ...     | 4,500     | 8,817     |
| British Columbia ..... | tons | 94,967    | 150,805   | 300     | 4,200     | 250,272   |
|                        | \$   | 109,512   | 130,706   | 2,547   | 10,760    | 253,525   |
| CANADA .....           | tons | 256,723   | 2,572,911 | 10,897  | 99,043    | 2,939,574 |
|                        | \$   | 679,585   | 2,142,516 | 65,913  | 108,562   | 2,996,576 |

NOTE - In addition to the above production there was produced in British Columbia 250 tons of slate valued at \$3,750 both in 1932 and 1933; also not included in the limestone statistics are 1,141,376 tons of limestone consumed in the cement industry in 1932 and 616,364 tons in 1933.

Table 7 - PRODUCTION OF STONE FROM CANADIAN QUARRIES, BY KINDS, SHOWING PURPOSES FOR WHICH USED, 1932 and 1933.

| For use as follows -                          |      | Granite   | Limestone | Marble  | Sandstone | TOTAL     |
|-----------------------------------------------|------|-----------|-----------|---------|-----------|-----------|
| <b>1932</b>                                   |      |           |           |         |           |           |
| Building stone - Rough .....                  | tons | 6,131     | 25,073    | ...     | 5,484     | 36,688    |
|                                               | \$   | 17,272    | 104,391   | ...     | 19,766    | 141,429   |
| Dressed .....                                 | tons | 12,469    | 11,173    | 1,951   | 670       | 26,263    |
|                                               | \$   | 336,632   | 348,187   | 188,743 | 20,580    | 894,142   |
| Monumental and ornamental stone - Rough ..... | tons | 4,423     | 9         | 965     | ...       | 5,397     |
|                                               | \$   | 39,522    | 106       | 36,414  | ...       | 76,042    |
| Dressed ....                                  | tons | 2,477     | 211       | ...     | ...       | 2,688     |
|                                               | \$   | 196,071   | 2,532     | ...     | ...       | 198,603   |
| Flagstone .....                               | tons | 428       | 67        | ...     | 65        | 560       |
|                                               | \$   | 2,282     | 67        | ...     | 473       | 2,822     |
| Curbstone .....                               | tons | 5,745     | ...       | ...     | ...       | 5,745     |
|                                               | \$   | 26,391    | ...       | ...     | ...       | 26,391    |
| Paving blocks .....                           | tons | 2,261     | ...       | ...     | ...       | 2,261     |
|                                               | \$   | 17,452    | ...       | ...     | ...       | 17,452    |
| Lining open-hearth furnaces ... tons          |      | ...       | 173       | ...     | ...       | 173       |
|                                               | \$   | ...       | 302       | ...     | ...       | 302       |
| Chemical -                                    |      |           |           |         |           |           |
| Flux in iron and steel plants. tons           |      | ...       | 52,463    | ...     | ...       | 52,463    |
|                                               | \$   | ...       | 40,279    | ...     | ...       | 40,279    |
| Flux in smelters .....                        | tons | ...       | 38,935    | ...     | ...       | 38,935    |
|                                               | \$   | ...       | 30,180    | ...     | ...       | 30,180    |
| Glass factories .....                         | tons | ...       | 958       | ...     | ...       | 958       |
|                                               | \$   | ...       | 1,437     | ...     | ...       | 1,437     |
| Pulp and paper mills .....                    | tons | ...       | 97,623    | 1,713   | ...       | 99,336    |
|                                               | \$   | ...       | 92,027    | 1,421   | ...       | 93,448    |
| Sugar refineries .....                        | tons | ...       | 27,580    | ...     | ...       | 27,580    |
|                                               | \$   | ...       | 20,837    | ...     | ...       | 20,837    |
| Other chemical uses .....                     | tons | ...       | 7,694     | ...     | ...       | 7,694     |
|                                               | \$   | ...       | 2,639     | ...     | ...       | 2,639     |
| Whiting .....                                 | tons | ...       | 37        | 2,195   | ...       | 2,232     |
|                                               | \$   | ...       | 681       | 1,756   | ...       | 2,437     |
| Asphalt filler .....                          | tons | ...       | 20,313    | ...     | ...       | 20,313    |
|                                               | \$   | ...       | 57,400    | ...     | ...       | 57,400    |
| Dusting coal mines .....                      | tons | ...       | 2,829     | ...     | ...       | 2,829     |
|                                               | \$   | ...       | 13,554    | ...     | ...       | 13,554    |
| Agricultural purposes .....                   | tons | ...       | 67,924    | ...     | ...       | 67,924    |
|                                               | \$   | ...       | 92,454    | ...     | ...       | 92,454    |
| Poultry grit .....                            | tons | 3         | 2,367     | 792     | ...       | 3,162     |
|                                               | \$   | 69        | 4,789     | 4,130   | ...       | 8,988     |
| Stucco dash .....                             | tons | ...       | 91        | 2,378   | ...       | 2,469     |
|                                               | \$   | ...       | 616       | 12,996  | ...       | 13,612    |
| Terrazzo flooring .....                       | tons | ...       | 4,745     | 700     | ...       | 5,445     |
|                                               | \$   | ...       | 3,084     | 4,688   | ...       | 7,772     |
| Rubble and riprap .....                       | tons | 276,892   | 118,946   | 1,685   | 15,322    | 412,845   |
|                                               | \$   | 237,349   | 62,364    | 558     | 16,082    | 316,353   |
| Crushed stone -                               |      |           |           |         |           |           |
| Concrete aggregate .....                      | tons | 30,419    | 1,450,927 | ...     | 448,410   | 1,929,756 |
|                                               | \$   | 25,134    | 1,049,395 | ...     | 245,559   | 1,320,088 |
| Road metal .....                              | tons | 149,574   | 1,667,268 | ...     | 30,529    | 1,847,371 |
|                                               | \$   | 212,408   | 1,215,464 | ...     | 46,998    | 1,474,870 |
| Railroad ballast .....                        | tons | ...       | 89,835    | ...     | ...       | 89,835    |
|                                               | \$   | ...       | 84,930    | ...     | ...       | 84,930    |
| TOTAL CANADA .....                            | tons | 490,822   | 3,687,241 | 12,379  | 500,480   | 4,690,922 |
|                                               | \$   | 1,110,582 | 3,227,715 | 250,706 | 349,458   | 4,938,461 |

Table 7 - PRODUCTION OF STONE FROM CANADIAN QUARRIES, BY KINDS, SHOWING PURPOSES FOR WHICH USED, 1932 and 1933.

| For use as follows -                          |      | Granite | Limestone | Marble | Sandstone | TOTAL     |
|-----------------------------------------------|------|---------|-----------|--------|-----------|-----------|
| <u>1933</u>                                   |      |         |           |        |           |           |
| Building stone - Rough .....                  | tons | 1,749   | 20,987    | 35     | 6,767     | 29,538    |
|                                               | \$   | 6,994   | 49,548    | 2,083  | 9,997     | 68,622    |
| Dressed .....                                 | tons | 4,140   | 5,638     | 165    | 818       | 10,761    |
|                                               | \$   | 114,318 | 111,235   | 27,377 | 19,300    | 272,230   |
| Monumental and ornamental stone - Rough ..... | tons | 3,758   | ...       | 553    | ...       | 4,311     |
|                                               | \$   | 49,469  | ...       | 13,528 | ...       | 62,997    |
| Dressed .....                                 | tons | 3,090   | 118       | ...    | 1         | 3,209     |
|                                               | \$   | 215,616 | 2,868     | ...    | 35        | 218,519   |
| Flagstone .....                               | tons | 70      | 24        | ...    | 772       | 866       |
|                                               | \$   | 35      | 61        | ...    | 2,325     | 2,421     |
| Curbstone .....                               | tons | 1,224   | 35        | ...    | ...       | 1,259     |
|                                               | \$   | 6,437   | 34        | ...    | ...       | 6,471     |
| Paving blocks .....                           | tons | 1,641   | ...       | ...    | ...       | 1,641     |
|                                               | \$   | 11,276  | ...       | ...    | ...       | 11,276    |
| Lining open-hearth furnaces ...               | tons | ...     | 240       | ...    | ...       | 240       |
|                                               | \$   | ...     | 450       | ...    | ...       | 450       |
| Chemical -                                    |      |         |           |        |           |           |
| Flux in iron and steel plants.                | tons | ...     | 21,068    | ...    | ...       | 21,068    |
|                                               | \$   | ...     | 13,960    | ...    | ...       | 13,960    |
| Flux in smelters .....                        | tons | ...     | 74,106    | ...    | ...       | 74,106    |
|                                               | \$   | ...     | 58,898    | ...    | ...       | 58,898    |
| Glass factories .....                         | tons | ...     | 771       | 50     | ...       | 821       |
|                                               | \$   | ...     | 1,157     | 375    | ...       | 1,532     |
| Pulp and paper mills .....                    | tons | ...     | 123,852   | 3,318  | ...       | 132,170   |
|                                               | \$   | ...     | 129,856   | 2,654  | ...       | 132,510   |
| Sugar refineries .....                        | tons | ...     | 24,057    | ...    | ...       | 24,057    |
|                                               | \$   | ...     | 21,813    | ...    | ...       | 21,813    |
| Other chemical uses .....                     | tons | ...     | 63,065    | ...    | ...       | 63,065    |
|                                               | \$   | ...     | 68,939    | ...    | ...       | 68,939    |
| Whiting .....                                 | tons | ...     | ...       | ...    | ...       | ...       |
|                                               | \$   | ...     | ...       | ...    | ...       | ...       |
| Asphalt filler .....                          | tons | 92      | 24,688    | ...    | ...       | 24,780    |
|                                               | \$   | 736     | 71,348    | ...    | ...       | 72,084    |
| Dusting coal mines .....                      | tons | ...     | 487       | ...    | ...       | 487       |
|                                               | \$   | ...     | 1,948     | ...    | ...       | 1,948     |
| Agricultural purposes .....                   | tons | ...     | 78,639    | ...    | ...       | 78,639    |
|                                               | \$   | ...     | 110,080   | ...    | ...       | 110,080   |
| Poultry grit .....                            | tons | 3       | 891       | 1,270  | ...       | 2,164     |
|                                               | \$   | 60      | 3,325     | 5,648  | ...       | 9,033     |
| Stucco dash (x) .....                         | tons | 1,193   | 61        | 2,119, | ...       | 3,373     |
|                                               | \$   | 9,544   | 428       | 10,551 | ...       | 20,523    |
| Terrazzo flooring .....                       | tons | ...     | ...       | 238    | ...       | 238       |
|                                               | \$   | ...     | ...       | 1,675  | ...       | 1,675     |
| Rubble and riprap .....                       | tons | 103,584 | 30,848    | 3,149  | 37,135    | 174,716   |
|                                               | \$   | 89,651  | 15,535    | 2,022  | 29,311    | 136,519   |
| Crushed stone -                               |      |         |           |        |           |           |
| Concrete aggregate .....                      | tons | 19,259  | 961,854   | ...    | 347       | 981,460   |
|                                               | \$   | 21,962  | 659,975   | ...    | 276       | 682,213   |
| Road metal .....                              | tons | 116,323 | 1,043,455 | ...    | 53,203    | 1,212,981 |
|                                               | \$   | 152,969 | 769,217   | ...    | 47,318    | 969,504   |
| Railroad ballast .....                        | tons | 597     | 93,027    | ...    | ...       | 93,624    |
|                                               | \$   | 518     | 51,841    | ...    | ...       | 52,359    |
| TOTAL CANADA .....                            | tons | 256,723 | 2,572,911 | 10,897 | 99,043    | 2,939,574 |
|                                               | \$   | 679,585 | 2,142,516 | 65,913 | 108,562   | 2,996,576 |

(x) Includes granules for roofing purposes.

Table 8 - PRODUCTION OF GRANITE IN CANADA, 1924 - 1933.

| Year       | Short<br>tons | \$        | Year       | Short<br>tons | \$        |
|------------|---------------|-----------|------------|---------------|-----------|
| 1924 ..... | 419,971       | 1,013,345 | 1929 ..... | 1,728,165     | 3,080,815 |
| 1925 ..... | 971,718       | 2,014,535 | 1930 ..... | 1,851,132     | 3,379,951 |
| 1926 ..... | 1,064,423     | 1,574,627 | 1931 ..... | 1,190,887     | 2,763,050 |
| 1927 ..... | 730,049       | 1,383,557 | 1932 ..... | 490,822       | 1,110,582 |
| 1928 ..... | 1,195,810     | 2,366,946 | 1933 ..... | 256,723       | 679,585   |

Table 9 - PRODUCTION OF LIMESTONE IN CANADA, 1924 - 1933.

| Year       | Short<br>tons | \$        | Year       | Short<br>tons | \$        |
|------------|---------------|-----------|------------|---------------|-----------|
| 1924 ..... | 4,249,061     | 4,831,684 | 1929 ..... | 7,720,840     | 8,172,681 |
| 1925 ..... | 4,643,853     | 5,049,563 | 1930 ..... | 7,732,675     | 8,075,616 |
| 1926 ..... | 5,283,745     | 5,657,328 | 1931 ..... | 6,262,430     | 6,305,538 |
| 1927 ..... | 6,438,379     | 7,145,917 | 1932 ..... | 3,687,241     | 3,227,715 |
| 1928 ..... | 6,949,420     | 7,267,437 | 1933 ..... | 2,572,911     | 2,142,516 |

Table 10 - PRODUCTION OF SANDSTONE IN CANADA, 1924 - 1933.

| Year       | Short<br>tons | \$      | Year       | Short<br>tons | \$        |
|------------|---------------|---------|------------|---------------|-----------|
| 1924 ..... | 94,603        | 240,273 | 1929 ..... | 159,407       | 398,974   |
| 1925 ..... | 87,502        | 145,757 | 1930 ..... | 384,610       | 769,060   |
| 1926 ..... | 44,127        | 112,347 | 1931 ..... | 924,101       | 1,332,883 |
| 1927 ..... | 132,799       | 232,793 | 1932 ..... | 500,480       | 349,458   |
| 1928 ..... | 100,951       | 223,236 | 1933 ..... | 99,043        | 108,562   |

Table 11 - PRODUCTION OF MARBLE IN CANADA, 1924 - 1933.

| Year       | Short<br>tons | \$      | Year       | Short<br>tons | \$      |
|------------|---------------|---------|------------|---------------|---------|
| 1924 ..... | 4,379         | 322,455 | 1929 ..... | 14,012        | 414,062 |
| 1925 ..... | 3,046         | 254,922 | 1930 ..... | 26,089        | 809,582 |
| 1926 ..... | 5,295         | 521,572 | 1931 ..... | 20,442        | 668,713 |
| 1927 ..... | 5,209         | 503,037 | 1932 ..... | 12,379        | 250,706 |
| 1928 ..... | 7,753         | 414,682 | 1933 ..... | 10,897        | 65,913  |

Table 12 - PRODUCTION OF SLATE IN CANADA, 1924 - 1933.

| Year       | Short<br>tons | Year       | Short<br>tons | \$    |
|------------|---------------|------------|---------------|-------|
| 1924 ..... | No production | 1929 ..... | No production |       |
| 1925 ..... | No production | 1930 ..... | 150           | 3,000 |
| 1926 ..... | No production | 1931 ..... | 250           | 5,000 |
| 1927 ..... | No production | 1932 ..... | 250           | 3,750 |
| 1928 ..... | No production | 1933 ..... | 250           | 3,750 |

Table 13 - IMPORTS INTO CANADA AND EXPORTS OF STONE, BY KINDS, 1933.

|                                                                                                                          | Tons   | Value   |
|--------------------------------------------------------------------------------------------------------------------------|--------|---------|
| <b>IMPORTS -</b>                                                                                                         |        |         |
| Building stone, other than marble or granite, sawn on more than two sides, but not sawn on more than four sides.         | 4      | 200     |
| Building stone, other than marble or granite, planed, turned, cut, or further manufactured than sawn on four sides ..... | ...    | ...     |
| Flagstone, sandstone, and all building stone, not hammered, sawn or chiselled .....                                      | ...    | 8,947   |
| Flagstone and building stone, other than marble or granite, sawn on not more than two sides .....                        | ...    | 729     |
| Granite, rough, not hammered or chiselled .....                                                                          | ...    | 48,928  |
| Granite, sawn only .....                                                                                                 | ...    | 5,366   |
| Granite, monuments .....                                                                                                 | ...    | 28,916  |
| Granite, manufactures of, n.o.p. .....                                                                                   | ...    | 8,495   |
| Marble, rough, not hammered or chiselled .....                                                                           | ...    | 7,063   |
| Marble, sawn or sand rubbed, not polished .....                                                                          | ...    | 10,474  |
| Marble, not further manufactured than sawn for tombstones..                                                              | ...    | 16,695  |
| Marble, manufactures of, n.o.p. .....                                                                                    | ...    | 18,526  |
| Paving blocks of stone .....                                                                                             | ...    | 25      |
| Refuse stone, not sawn, hammered or chiselled .....                                                                      | 41,277 | 35,773  |
| Slate roofing .....                                                                                                      | ...    | 7,064   |
| Slate pencils .....                                                                                                      | ...    | 722     |
| Slates, writing .....                                                                                                    | ...    | 17,816  |
| Slate mantels and manufactures of slate, n.o.p. .....                                                                    | ...    | 4,965   |
| Chalk, china, Cornwall or cliff stone and mica schist .....                                                              | ...    | 17,283  |
| Mineral wool .....                                                                                                       | 1,115  | 38,262  |
| Whiting, gilders' whiting and Paris white .....                                                                          | 9,903  | 91,744  |
| Manufactures of stone, n.o.p. .....                                                                                      | ...    | 15,531  |
| <b>TOTAL</b>                                                                                                             | ...    | 383,524 |

**EXPORTS -**

|                                                             |        |        |
|-------------------------------------------------------------|--------|--------|
| Crushed stone .....                                         | 40,343 | 76,162 |
| Granite and marble, unwrought .....                         | 964    | 12,997 |
| Freestone, limestone, and other building stone, unwrought.. | 173    | 1,480  |
| Dressed stone of all kinds .....                            | ...    | 701    |
| <b>TOTAL</b>                                                | ...    | 91,340 |

DIRECTORY, 1933.

STONE QUARRYING INDUSTRY

NOTE - (x) Firms operating dressing works in conjunction with quarry.

Name

Head Office Address

GRANITE

NOVA SCOTIA -

Bower, A. R.

(x) Dauphinee, A. T.

(x) Hoyt, C. M.

Nova Scotia Department of Highways

(x) Rice Bros.

(x) Rice, W. D.

Box 255, Shelburne

Shelburne

Middleton

Halifax

Lawrencetown

Middleton

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DIRECTORY, 1933 - continued

| <u>Name</u>                                         | <u>Head Office Address</u>                                                               |
|-----------------------------------------------------|------------------------------------------------------------------------------------------|
| <u>GRANITE - continued</u>                          |                                                                                          |
| <u>NEW BRUNSWICK -</u>                              |                                                                                          |
| Connolly, H. E. and D. P.                           | Bathurst                                                                                 |
| (x) Granite Street Pavement & Construction Co. Ltd. | Hampstead<br>Box 66, St. George<br>St. George<br>112 Queen St., Saint John<br>St. George |
| (x) Meating, Epps Company Ltd.                      |                                                                                          |
| (x) Milne, Coutts & Co. Ltd.                        |                                                                                          |
| (x) Mooney, B., & Son Ltd.                          |                                                                                          |
| (x) O'Brien & Baldwin                               |                                                                                          |
| <u>QUEBEC -</u>                                     |                                                                                          |
| B. & R. Granite Quarry                              | Beebe                                                                                    |
| (x) Bernier and Sons                                | Box 491, Roberval                                                                        |
| Berube, Lucien, and Sons                            | Brownsville                                                                              |
| Bourbonnais, J. A.                                  | Vaudreuil Station                                                                        |
| (x) Brodie's Ltd.                                   | 1070 Bleury St., Montreal                                                                |
| (x) Bussiere, Amedee                                | Ste. Cecile, Compton Co.                                                                 |
| Chicoutimi, City of                                 | Chicoutimi                                                                               |
| (x) Cloutier Bros.                                  | Beebe                                                                                    |
| (x) Delwaide, Anselme                               | Chicoutimi                                                                               |
| Dontigny, Alphonse                                  | Shawinigan Falls                                                                         |
| (x) Dumas, August                                   | Riviere a Pierre                                                                         |
| (x) Granite Company                                 | 88 St. Louis Road, Quebec                                                                |
| Grenier, E.                                         | Glenada                                                                                  |
| (x) Gingras et Frere Ltee.                          | St. Marc des Carrieres                                                                   |
| (x) Haselton, Wm. M.                                | Beebe                                                                                    |
| Highways, Depart of, Quebec                         | Quebec                                                                                   |
| Lacasse and Boulais                                 | Box 23, Beebe                                                                            |
| McIntosh, Robert                                    | Beebe                                                                                    |
| (x) McKenzie and Morrison                           | Scotstown                                                                                |
| (x) Moreau, Polycarpe                               | Roberval                                                                                 |
| (x) National Granite Reg'd.                         | Box 276, Roberval                                                                        |
| (x) Nett, Olson, Hokanson & Henrikson               | Beebe                                                                                    |
| Perron, Arthur                                      | Riviere a Pierre                                                                         |
| Shawinigan Falls, City of                           | Shawinigan Falls                                                                         |
| Shawinigan Engineering Co. Ltd.                     | 107 Craig St., Montreal                                                                  |
| (x) Silver Granite Co. Ltd.                         | 117 Cote d'Abraham, Quebec                                                               |
| St. Bruno Quarry & Paving Co. Ltd.                  | 7420 De Laroche St., Montreal                                                            |
| (x) Stanstead Granite Quarries Co. Ltd.             | Beebe                                                                                    |
| (x) Thibaudeau and St. Pierre                       | Riviere a Pierre                                                                         |
| Truchon, E. R.                                      | Box 448, Roberval                                                                        |
| (x) Voyer, F., et Frere                             | Riviere a Pierre                                                                         |
| (x) Wilkinson, Frank L.                             | Beebe                                                                                    |
| <u>ONTARIO -</u>                                    |                                                                                          |
| Bradley, Wm.                                        | 81 Garden St., Gananoque                                                                 |
| (x) Building Products Ltd.                          | Box 2529, Montreal, P.Q.                                                                 |
| Fort William, City of                               | Fort William                                                                             |
| Hall, R. R., Estate                                 | Parry Sound                                                                              |
| (x) Horne, Wm.                                      | Butler, via Ignace                                                                       |
| (x) McKee, Wm.                                      | R. R. 3, Lansdowne                                                                       |
| Ontario Rock Co. Ltd.                               | 1501 Canada Permanent Bldg., Toronto                                                     |

Name

Head Office Address

GRANITE - concluded

MANITOBA -

(x) Winnitoba Marble Co. Ltd.

1180 Wall St., Winnipeg

BRITISH COLUMBIA -

(x) B. C. Monumental Works Ltd.  
Coast Quarries Ltd.  
Canadian National Railways  
Canadian Pacific Railway  
Gillie Bros. Ltd.  
(x) Nelson Granite & Monumental Co.  
Prince Rupert, City of  
(x) Vancouver Granite Co. Ltd.  
(x) Vernon Granite & Marble Co.  
(x) Wilson, James S.

154 - 8th Ave. E., Vancouver  
931 Marine Bldg., Vancouver  
Vancouver  
Montreal, P.Q.  
902 Columbia St. W., New Westminster  
Box 865, Nelson  
Prince Rupert  
1007 Royal Bank Bldg., Vancouver  
Okanagan Landing  
Sirdar

LIMESTONE

NOVA SCOTIA -

Brandram-Henderson Ltd.  
Eastern Lime Co. Ltd.  
Nova Scotia Department of Agriculture  
Nova Scotia Department of Highways  
MacLean & Co.  
Mersey Paper Co. Ltd.

Montreal, P.Q.  
Windsor  
Halifax  
Halifax  
Oxford  
Liverpool

NEW BRUNSWICK -

Brookville Manufacturing Co. Ltd.  
Gilbert, Geo. S.  
Randolph & Baker Ltd.  
Snowflake Lime Ltd.  
Saint John Lime Co.

Brookville  
Bathurst  
Randolph  
3 Pokiok Road, Saint John  
Brookville

QUEBEC -

Arseneau, Honore Z.  
St. Barthelemy Quarry  
Baillargeon & Faubert  
(x) Beaucage, A.D.J.  
Beaudet & Bergeron  
(x) Beaudry, J. Pitre  
Boily, Albert  
Canada Cement Co. Ltd.  
Canadian Rock Products Ltd.  
Cercle Agricola de St. Godfroy  
Delorimier & Rogers Quarries Ltd.  
(x) Department of Justice  
(x) Deschambault Quarry Corp.  
Dominion Lime Co.  
Durocher, Cyrille  
Foundation Co. of Canada, Ltd.  
Fuger & Smith Ltd.  
Gaspeian Fertilizer Co.  
Gagne, Octave  
(x) Gauthier, Olivier

St. Jean L'Evangeliste  
St. Barthelemy  
62 Union Bldg., St. Lambert  
St. Marc des Carrières  
St. Antoine de Tilly  
Tache St., Joliette  
Baie St. Paul  
Box 290, Station B, Montreal  
2020 Union Ave., Montreal  
St. Godfroy  
4901 Iberville, Montreal  
Ottawa, Ont.  
52 St. Paul St., Quebec  
Lime Ridge  
11021 Notre Dame East, Montreal  
1538 Sherbrooke St.W., Montreal  
Pointe Claire  
Pont Daniel East  
St. Ulric  
St. Marc des Carrières

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DIRECTORY, 1933 - continued

Name

Head Office Address

LIMESTONE - continued

QUEBEC - concluded

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| Gifford Quarry Ltd.                   | 71 St. Peter St., Quebec              |
| (x) Gingras et Frere Ltee.            | St. Marc des Carrieres                |
| Giroux, F. X.                         | St. Louis de Courville                |
| (x) Gravel, Edouard Lazare            | Chateau Richer                        |
| Guilbault Freres et Cie.              | Ste. Elizabeth                        |
| Kennedy Construction Co. Ltd.         | 407 McGill St., Montreal              |
| Laberge & Marchand                    | Box 63, Chateauguay Bassin            |
| Lacauline, T.                         | Chateau Richer                        |
| Lagace, Napoleon                      | St. Martin                            |
| Laurendeau & Co. Ltd.                 | 10 St. James St. W., Montreal         |
| (x) Lapointe, A. & E.                 | 12034 Lachapelle St., Montreal        |
| Lapointe, Emile                       | St. Dominique Bagot                   |
| Laurentian Stone Co. Ltd.             | 195 Nicholas St., Ottawa, Ont.        |
| Laval Quarry Co. Ltd.                 | 6418 St. Hubert St., Montreal         |
| Leclerc & Day                         | Rimouski                              |
| Leclerc & Robitaille Enrg.            | Roberval                              |
| (x) Lecrenier, Victor                 | 6434 De Gaspe, Montreal               |
| Maisonneuve Quarry Co. Ltd.           | 4740 Iberville St., Montreal          |
| Marcil Quarry Ltd.                    | St. Michel Station                    |
| (x) Martineau & Sons Ltd.             | 517 E. Marie-Anne St., Montreal       |
| Matthew Devito Construction Ltd.      | 6138 Hamilton St., Montreal           |
| Miner, R. H., Co. Ltd.                | 7411 Delanaudiere St., Montreal       |
| Montreal Quarry Ltd.                  | 1340 Bellechasse St., Montreal        |
| Montreal Stone Products Ltd.          | 8500 St. Hubert St., Montreal         |
| National Quarries Ltd.                | Park Ave. and Beaubien St., Montreal  |
| Naud, Oscar                           | Lachevrotiere                         |
| (x) Noel, Oscar                       | 44 Wright St., Hull                   |
| Page, Joseph                          | Charlesbourg West                     |
| (x) Paquette, Levis & Co.             | Cap St. Martin                        |
| Quebec Highways Dept.                 | Quebec                                |
| Schetagne, Wilfrid                    | 309 Bord du Lac, Pointe Claire        |
| Shawinigan Chemicals Ltd.             | Box 2670, Craig St. Station, Montreal |
| St. Louis Quarry Reg.                 | St. Louis de Champlain                |
| St. Lawrence Quarry Ltd.              | Cap St. Martin                        |
| St. Maurice Quarry Ltd.               | 307 Alexandre St., Three Rivers       |
| St. Onge, O. F.                       | St. Dominique Bagot                   |
| Standard Lime Co. Ltd.                | Joliette                              |
| Standard Clay Products Ltd.           | Box 819, St. Johns                    |
| Stinson-Reeb Builders Supply Co. Ltd. | 360 Dorchester St. W., Montreal       |
| Theoret, Magloire                     | Box 123, Bellerive, Valleyfield       |
| Trappist Fathers                      | Mistassini                            |
| Tremblay, Napoleon                    | 31 Joffre Ave., Hull                  |
| Union Quarry Ltd.                     | 1340 Bellechasse St., Montreal        |
| Valleyfield, City of                  | Valleyfield                           |
| Verreault, E., Ltd.                   | 194 Bridge St., Quebec                |
| Villeneuve, Francois                  | Pointe a Pic                          |
| Villeray Quarry Co. Ltd.              | 4740 Iberville St., Montreal          |
| Vincelette, Paul                      | St. Honore                            |

ONTARIO -

American Cyanamid Co.  
Bourgie, J. B.  
Brule, E.D., & Sons, Ltd.

535 Fifth Ave., New York City, U.S.A.  
Box 50, Embrun  
Box 116, Billings Bridge

-12-  
DIRECTORY, 1953 - continued

| <u>Name</u>                               | <u>Head Office Address</u>         |
|-------------------------------------------|------------------------------------|
| <u>LIMESTONE - continued</u>              |                                    |
| <u>ONTARIO - concluded</u>                |                                    |
| Brunner, Mond Canada, Ltd.                | 501 Dominion Bank Bldg., Toronto   |
| Canada Cement Company Ltd.                | Box 290, Station B, Montreal, P.Q. |
| Canada Crushed Stone Corp. Ltd.           | Sun Life Bldg., Hamilton           |
| Coldwater Crushed Stone Ltd.              | Coldwater                          |
| Cook, J. S.                               | Wiarton                            |
| Decewsville Crushed Stone Co. Ltd.        | 52 Elgin St., Hamilton             |
| Department of Provincial Secretary        | Toronto                            |
| Dibblee Construction Co. Ltd.             | 246 Albert St., Ottawa             |
| Foster, R. R.                             | 86 Spadina Ave., Ottawa            |
| Gordon Crushed Stone Co. Ltd.             | 465 Bay St., Toronto               |
| Grenville Crushed Rock Co. Ltd.           | 917 Keefer Bldg., Montreal, P.Q.   |
| Gypsum, Lime and Alabastine, Canada, Ltd. | Paris                              |
| Hagersville Quarries Ltd.                 | Hagersville                        |
| Halliday, Fred                            | Cummings Bridge                    |
| Harvey, W.H., & Son Construction Co. Ltd. | 56 Kensington Ave., Kingston       |
| Innerkip Quarries Ltd.                    | Fleet and Bathurst Sts., Toronto   |
| Jamieson Lime Co.                         | Renfrew                            |
| (x) Kingston Penitentiary                 | Kingston                           |
| Kirby, T. Sidney, Co. Ltd.                | 215 Sussex St., Ottawa             |
| Kirkfield Crushed Stone Ltd.              | Fleet and Bathurst Sts., Toronto   |
| Lally, Mary F.                            | Box 39, Smithville                 |
| Limestone Products Ltd.                   | 1104 Hermant Bldg., Toronto, 2     |
| Merritt, Sidney W.                        | Grassies P.O.                      |
| Noranda Mines Ltd.                        | Royal Bank Bldg., Toronto          |
| Owen Sound, City of                       | Owen Sound                         |
| Pembroke, Town of                         | Pembroke                           |
| Pirson, John                              | Stevensville                       |
| Puslinch Quarry Ltd.                      | Sun Life Bldg., Hamilton           |
| (x) Queenston Quarries Ltd.               | Sun Life Bldg., Hamilton           |
| Quinton, W. G.                            | Jasper                             |
| Rayner Construction Co. Ltd.              | 159 Bay St., Toronto               |
| Routly Construction Co.                   | 21 Dundas Square, Toronto          |
| Simcoe Marble & Stone                     | Longford Mills                     |
| Walker Bros. Ltd.                         | Box 586, Thorold                   |
| Wehman, John                              | 251 Division St., Kingston         |
| Welland Ship Canal                        | St. Catharines                     |
| Windmill Point Crushed Stone Co. Ltd.     | 225 Sterling Road, Toronto         |
| Wilford, F. R., & Co. Ltd.                | Box 119, Lindsay                   |

NOTE - In addition to the above, counties, townships and the Department of Highways reported production.:.

| <u>MANITOBA -</u>               |                                        |
|---------------------------------|----------------------------------------|
| (x) Gillis Quarries Ltd.        | Richard and Spruce Sts., Winnipeg      |
| (x) Tyndall Quarry Co. Ltd.     | 1591 Erin St., Winnipeg                |
| (x) Western Stone Co. Ltd.      | 205 Confederation Life Bldg., Winnipeg |
| Winnipeg, City of.              | Winnipeg                               |
| Winnipeg Supply & Fuel Co. Ltd. | 812 Boyd Bldg., Winnipeg               |

| <u>ALBERTA -</u>      |                     |
|-----------------------|---------------------|
| Loder's Lime Co. Ltd. | Kananaskis          |
| Summit Lime Works     | Box 275, Lethbridge |

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DIRECTORY, 1933 - continued

| <u>Name</u>                                        | <u>Head Office Address</u>                   |
|----------------------------------------------------|----------------------------------------------|
| <u>LIMESTONE - concluded</u>                       |                                              |
| <u>BRITISH COLUMBIA -</u>                          |                                              |
| B. C. Department of Highways                       | Victoria                                     |
| Beale, F.J., Lime Stone Quarries                   | Van Anda                                     |
| British Columbia Pulp & Paper Co. Ltd.             | Bank of Nova Scotia Bldg., Vancouver         |
| Consolidated Mining & Smelting Co. of Canada, Ltd. | Trail                                        |
| Deeks Sand & Gravel Co. Ltd.                       | 101 - 1st Ave. W., Vancouver                 |
| Pacific Lime Co. Ltd.                              | 744 West Hastings St., Vancouver             |
| Priore & Vannucchi                                 | Hox 315, Trail                               |
| Rosebank Lime Co.                                  | 602 Pacific Bldg., Hastings St.W., Vancouver |
| <u>MARBLE</u>                                      |                                              |
| <u>QUEBEC -</u>                                    |                                              |
| Canada Marble and Lime Co.                         | 630 Cathcart St., Montreal                   |
| Wallace Sandstone Quarries Ltd.                    | Architects Bldg., Montreal                   |
| White Grit Co.                                     | Hurdman Road, Ottawa, Ont.                   |
| <u>ONTARIO -</u>                                   |                                              |
| Bolender Bros.                                     | Haliburton                                   |
| Marble & Stone Co. of Canada, Ltd.                 | 250 Madison Ave., Toronto                    |
| Rock Construction Co. Ltd.                         | 328 Dupont St., Toronto                      |
| Silvertone Black Marble Quarries                   | 339 Queen St., Ottawa                        |
| <u>MANITOBA -</u>                                  |                                              |
| Winnitoba Marble Co. Ltd.                          | 1180 Wall St., Winnipeg                      |
| <u>BRITISH COLUMBIA -</u>                          |                                              |
| Canadian Marble Granite Works Ltd.                 | 10702 - 101st St., Edmonton, Alberta         |
| <u>SANDSTONE</u>                                   |                                              |
| <u>NOVA SCOTIA -</u>                               |                                              |
| Fairview Crushed Stone Co. Ltd.                    | 609 Gottingen St., Halifax                   |
| Read Stone Co. Ltd.                                | Box 549, Sackville, N.B.                     |
| Wallace Sandstone Quarries Ltd.                    | 1135 Beaver Hall Hill, Montreal, P.Q.        |
| <u>NEW BRUNSWICK -</u>                             |                                              |
| (x) Read Stone Co. Ltd.                            | Box 549, Sackville                           |
| (x) Smith, E. A.                                   | Shediac                                      |
| <u>QUEBEC -</u>                                    |                                              |
| Beauharnois Light, Heat & Power Co.                | Power Bldg., Montreal                        |
| Blais, Jos., Reg.                                  | 10 Mont Marie Ave., Levis                    |
| Broughton Soapstone & Quarry Co. Ltd.              | Broughton Station                            |
| Citadel Brick Ltd.                                 | 14 St. Joseph St., Quebec                    |
| Department of Highways                             | Quebec                                       |
| Gagnon, L. P.                                      | St. David, Levis                             |
| Montmagny, Town of                                 | Montmagny                                    |
| Sherbrooke, City of                                | Sherbrooke                                   |
| Taylor, John                                       | R. R. 4, Granby                              |
| Vezina, Jos., Reg.                                 | Ste. Foye, Quebec                            |

DIRECTORY, 1933 - concluded

Name

Head Office Address

SANDSTONE - concluded

ONTARIO -

|                              |                        |
|------------------------------|------------------------|
| Corners, Austin              | Terra Cotta            |
| Eves, C., Stone Quarries     | Terra Cotta            |
| Logan, Harry                 | Box 400, Georgetown    |
| McAlpine Bros.               | Milton                 |
| Norrie & McHaig              | R. R. 4, Acton         |
| Norton, A.W., Stone Quarries | Limehouse              |
| Presswood & Gibbs            | Box 146, Glen Williams |
| Sykes, Thos.                 | Georgetown             |
| Terra Cotta Quarries         | Terra Cotta            |

ALBERTA -

|                 |                             |
|-----------------|-----------------------------|
| (x) Oliver, Wm. | 1828 - 18th St. W., Calgary |
|-----------------|-----------------------------|

BRITISH COLUMBIA -

|                               |                          |
|-------------------------------|--------------------------|
| Canadian Pacific Railway Co.  | Montreal                 |
| Cranbrook, City of            | Cranbrook                |
| (x) McDonald, C.H., and J. A. | 1571 Main St., Vancouver |

SLATE

BRITISH COLUMBIA -

|                |            |
|----------------|------------|
| Kennedy, J. J. | Sooke Lake |
|----------------|------------|

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2. SECONDARY PRODUCTION - THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY.

Production from stone dressing works, operated separately from quarries, amounted in value to \$2,162,650 in 1933. This output was 27 per cent under the 1932 total of \$2,961,914 which in turn was 50 per cent under the value of \$5,989,372 for 1931.

During 1933 the number of plants engaged solely in cutting or dressing stone for building or monumental purposes was 212, of which 107 were in Ontario, 49 in Quebec, 15 in Manitoba, 10 in British Columbia, 9 in Saskatchewan, 8 in Nova Scotia, 7 in New Brunswick, 5 in Alberta and 2 in Prince Edward Island. These concerns reported fixed and working capital at \$5,461,171, the number of employees at 821, and payments in salaries and wages at \$841,425. Unfinished stone bought for cutting or dressing cost \$691,523 delivered at the works and the value added by manufacturing was \$1,471,127.

Table 14 - PRINCIPAL STATISTICS OF THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY,  
1929-1933.

| Years                                     | No. of plants | Average number employed of employees | Salaries and wages | Cost of materials at works | Selling value of products at works | Value added by manufac-turing |
|-------------------------------------------|---------------|--------------------------------------|--------------------|----------------------------|------------------------------------|-------------------------------|
| 1929 .....                                | 220           | 7,107,162                            | 1,863              | 3,048,084                  | 2,788,954                          | 8,224,060 5,435,126           |
| 1930 .....                                | 226           | 7,468,687                            | 1,919              | 3,044,877                  | 2,759,870                          | 8,355,605 5,595,735           |
| 1931 .....                                | 223           | 6,880,835                            | 1,436              | 2,145,023                  | 1,770,559                          | 5,989,372 4,218,813           |
| 1932 .....                                | 206           | 5,828,109                            | 1,005              | 1,200,214                  | 928,572                            | 2,961,914 2,033,342           |
| 1933 -                                    |               |                                      |                    |                            |                                    |                               |
| Prince Edward Island<br>and Nova Scotia.. | 10            | 129,099                              | 34                 | 33,371                     | 49,392                             | 124,603 75,211                |
| New Brunswick ....                        | 7             | 60,899                               | 22                 | 20,083                     | 8,223                              | 48,699 40,476                 |
| Quebec .....                              | 49            | 1,371,845                            | 216                | 221,756                    | 136,216                            | 434,681 298,465               |
| Ontario .....                             | 107           | 3,070,934                            | 403                | 437,419                    | 399,006                            | 1,229,316 830,310             |
| Manitoba .....                            | 15            | 288,839                              | 51                 | 41,158                     | 47,357                             | 117,705 70,348                |
| Saskatchewan .....                        | 9             | 170,661                              | 30                 | 25,364                     | 20,264                             | 64,688 44,424                 |
| Alberta .....                             | 5             | 246,754                              | 27                 | 29,723                     | 14,249                             | 85,189 70,940                 |
| British Columbia .                        | 10            | 122,140                              | 38                 | 32,551                     | 16,816                             | 57,769 40,953                 |
| CANADA .....                              | 212           | 5,461,171                            | 821                | 841,425                    | 691,523                            | 2,162,650 1,471,127           |

Table 15 - CAPITAL EMPLOYED IN THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY, 1932 and 1933.

| Provinces             | Present value of land, buildings, fixtures, machinery and tools | Inventory value of materials on hand, stocks in process | Inventory value of finished products on hand | Operating capital (cash, bills and accounts receivable, prepaid expenses etc.) | TOTAL CAPITAL EMPLOYED |
|-----------------------|-----------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------|------------------------|
| 1932                  | \$                                                              | \$                                                      | \$                                           | \$                                                                             | \$                     |
| Prince Edward Island) | 71,088                                                          | 40,181                                                  | 8,350                                        | 35,080                                                                         | 154,699                |
| Nova Scotia .....     | 33,325                                                          | 10,006                                                  | 18,669                                       | 10,807                                                                         | 72,807                 |
| New Brunswick .....   | 491,803                                                         | 259,441                                                 | 73,127                                       | 193,865                                                                        | 1,018,236              |
| Quebec .....          | 2,322,540                                                       | 502,269                                                 | 205,936                                      | 681,036                                                                        | 3,711,781              |
| Ontario .....         | 74,519                                                          | 99,778                                                  | 14,034                                       | 107,687                                                                        | 296,018                |
| Manitoba .....        | 62,040                                                          | 36,249                                                  | 17,301                                       | 54,503                                                                         | 170,093                |
| Saskatchewan .....    | 134,011                                                         | 18,264                                                  | 25,517                                       | 79,038                                                                         | 256,830                |
| Alberta .....         | 65,028                                                          | 28,687                                                  | 9,285                                        | 44,865                                                                         | 147,645                |
| CANADA .....          | 3,254,354                                                       | 994,855                                                 | 372,219                                      | 1,206,681                                                                      | 5,828,109              |

Table 15 - CAPITAL EMPLOYED IN THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY, 1932 and 1933 (concluded)

| Provinces             | Present value<br>of land, build-<br>ings, fixtures,<br>machinery and<br>tools | Inventory<br>value of<br>materials<br>on hand,<br>stocks in<br>process | Inventory<br>value of<br>finished<br>products<br>on hand | Operating capital<br>(cash, bills and<br>accounts re-<br>ceivable, pre-<br>paid expenses,<br>etc.) | TOTAL<br>CAPITAL<br>EMPLOYED |
|-----------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------|
|                       | \$                                                                            | \$                                                                     | \$                                                       | \$                                                                                                 | \$                           |
| <b>1933</b>           |                                                                               |                                                                        |                                                          |                                                                                                    |                              |
| Prince Edward Island) | 57,510                                                                        | 34,859                                                                 | 6,856                                                    | 29,874                                                                                             | 129,099                      |
| Nova Scotia .....     |                                                                               |                                                                        |                                                          |                                                                                                    |                              |
| New Brunswick .....   | 28,800                                                                        | 5,667                                                                  | 16,630                                                   | 9,802                                                                                              | 60,899                       |
| Quebec .....          | 594,264                                                                       | 288,961                                                                | 144,425                                                  | 344,195                                                                                            | 1,371,845                    |
| Ontario .....         | 1,896,471                                                                     | 390,624                                                                | 201,356                                                  | 582,483                                                                                            | 3,070,934                    |
| Manitoba .....        | 83,883                                                                        | 99,259                                                                 | 21,196                                                   | 84,501                                                                                             | 288,839                      |
| Saskatchewan .....    | 72,347                                                                        | 24,932                                                                 | 20,740                                                   | 52,642                                                                                             | 170,661                      |
| Alberta .....         | 127,057                                                                       | 26,677                                                                 | 14,750                                                   | 78,270                                                                                             | 246,754                      |
| British Columbia ...  | 52,187                                                                        | 28,543                                                                 | 8,936                                                    | 32,474                                                                                             | 122,140                      |
| <b>CANADA .....</b>   | <b>2,912,519</b>                                                              | <b>899,522</b>                                                         | <b>434,889</b>                                           | <b>1,214,241</b>                                                                                   | <b>5,461,171</b>             |

Table 16 - PRINCIPAL STATISTICS OF THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY  
ACCORDING TO PRODUCTION VALUES, NUMBER OF EMPLOYEES AND CAPITAL EMPLOYED,  
1933.

|                                | Number of<br>plants | Capital<br>employed | Number of<br>employees | Selling value of<br>products at works |
|--------------------------------|---------------------|---------------------|------------------------|---------------------------------------|
|                                | \$                  | \$                  | \$                     | \$                                    |
| <b>(a) PRODUCTION VALUES</b>   |                     |                     |                        |                                       |
| Under \$5,000 .....            | 86                  | 627,610             | 123                    | 235,430                               |
| \$5,000 to \$10,000 .....      | 62                  | 949,486             | 153                    | 436,208                               |
| \$10,001 to \$25,000 .....     | 49                  | 1,807,688           | 295                    | 764,997                               |
| \$25,001 to \$50,000 .....     | 9                   | 618,078             | 107                    | 304,427                               |
| Over \$50,000 .....            | 6                   | 1,458,309           | 143                    | 421,588                               |
| <b>TOTAL .....</b>             | <b>212</b>          | <b>5,461,171</b>    | <b>821</b>             | <b>2,162,650</b>                      |
| <b>(b) NUMBER OF EMPLOYEES</b> |                     |                     |                        |                                       |
| 1 or 2 .....                   | 120                 | 971,612             | 159                    | 551,421                               |
| 3 to 10 .....                  | 78                  | 2,428,775           | 382                    | 958,885                               |
| 11 to 20 .....                 | 9                   | 874,361             | 135                    | 339,882                               |
| Over 20 .....                  | 5                   | 1,186,423           | 145                    | 312,462                               |
| <b>TOTAL .....</b>             | <b>212</b>          | <b>5,461,171</b>    | <b>821</b>             | <b>2,162,650</b>                      |
| <b>(c) CAPITAL EMPLOYED</b>    |                     |                     |                        |                                       |
| Under \$25,000 .....           | 167                 | 1,456,665           | 376                    | 1,077,018                             |
| \$25,000 to \$100,000 .....    | 33                  | 1,454,075           | 226                    | 591,044                               |
| \$100,001 to \$250,000 .....   | 9                   | 1,250,199           | 157                    | 336,866                               |
| Over \$250,000 .....           | 3                   | 1,300,232           | 62                     | 157,722                               |
| <b>TOTAL .....</b>             | <b>212</b>          | <b>5,461,171</b>    | <b>821</b>             | <b>2,162,650</b>                      |

Table 17 - EMPLOYEES, SALARIES AND WAGES OF THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY, BY PROVINCES, 1932 and 1933.

| Provinces             | AVERAGE NUMBER OF EMPLOYEES |        |          |        |       |        | Salaries<br>\$ | Wages<br>\$ | TOTAL<br>SALARIES<br>AND WAGES<br>\$ |  |  |
|-----------------------|-----------------------------|--------|----------|--------|-------|--------|----------------|-------------|--------------------------------------|--|--|
|                       | On salaries                 |        | On wages |        | Male  | Female |                |             |                                      |  |  |
|                       | Male                        | Female | Male     | Female |       | TOTAL  |                |             |                                      |  |  |
| <b>1932</b>           |                             |        |          |        |       |        |                |             |                                      |  |  |
| Prince Edward Island) | 10                          | ...    | 30       | ...    | 40    |        | 12,480         | 26,655      | 39,135                               |  |  |
| Nova Scotia .....     | 7                           | 3      | 14       | ...    | 24    |        | 13,154         | 11,765      | 24,919                               |  |  |
| New Brunswick .....   | 46                          | 1      | 157      | 1      | 205   |        | 79,922         | 144,770     | 224,692                              |  |  |
| Ontario .....         | 147                         | 21     | 405      | 3      | 576   |        | 246,831        | 495,912     | 742,743                              |  |  |
| Manitoba .....        | 11                          | 3      | 39       | 1      | 54    |        | 19,372         | 38,207      | 57,579                               |  |  |
| Saskatchewan .....    | 15                          | 1      | 16       | 1      | 33    |        | 17,327         | 16,680      | 34,007                               |  |  |
| Alberta .....         | 6                           | 6      | 23       | ...    | 35    |        | 12,619         | 20,004      | 32,623                               |  |  |
| British Columbia ...  | 13                          | 1      | 22       | ...    | 36    |        | 21,586         | 22,930      | 44,516                               |  |  |
| CANADA .....          | 255                         | 36     | 706      | 6      | 1,003 |        | 423,291        | 776,923     | 1,200,214                            |  |  |
| <b>1933</b>           |                             |        |          |        |       |        |                |             |                                      |  |  |
| Prince Edward Island) | 9                           | ...    | 25       | ...    | 34    |        | 13,035         | 20,336      | 33,371                               |  |  |
| Nova Scotia .....     | 6                           | 2      | 14       | ...    | 22    |        | 7,410          | 12,673      | 20,083                               |  |  |
| New Brunswick .....   | 64                          | 1      | 151      | ...    | 216   |        | 98,945         | 122,811     | 221,756                              |  |  |
| Ontario .....         | 123                         | 18     | 261      | 1      | 403   |        | 205,743        | 231,676     | 437,419                              |  |  |
| Manitoba .....        | 17                          | 3      | 30       | 1      | 51    |        | 20,891         | 20,267      | 41,158                               |  |  |
| Saskatchewan .....    | 16                          | 2      | 12       | ...    | 30    |        | 15,261         | 10,103      | 25,364                               |  |  |
| Alberta .....         | 8                           | 4      | 15       | ...    | 27    |        | 12,733         | 16,990      | 29,723                               |  |  |
| British Columbia ...  | 18                          | 1      | 19       | ...    | 38    |        | 13,775         | 18,776      | 32,551                               |  |  |
| CANADA .....          | 261                         | 31     | 527      | 2      | 821   |        | 387,793        | 453,632     | 841,425                              |  |  |

Table 18 - WAGE-EARNERS, BY MONTHS, 1932 and 1933. (On 15th or nearest representative date)

| Months          | 1    | 9      | 3 | 2     | 1    | 9      | 3 | 3     |
|-----------------|------|--------|---|-------|------|--------|---|-------|
|                 | Male | Female |   | TOTAL | Male | Female |   | TOTAL |
| January .....   | 614  | 3      |   | 617   | 367  | 2      |   | 369   |
| February .....  | 622  | 4      |   | 626   | 292  | 2      |   | 294   |
| March .....     | 670  | 4      |   | 674   | 372  | 2      |   | 374   |
| April .....     | 795  | 4      |   | 799   | 469  | 2      |   | 471   |
| May .....       | 938  | 5      |   | 943   | 538  | 3      |   | 541   |
| June .....      | 904  | 6      |   | 910   | 635  | 3      |   | 638   |
| July .....      | 757  | 6      |   | 763   | 671  | 3      |   | 674   |
| August .....    | 724  | 6      |   | 730   | 660  | 3      |   | 663   |
| September ..... | 679  | 6      |   | 685   | 656  | 3      |   | 659   |
| October .....   | 637  | 5      |   | 642   | 618  | 3      |   | 621   |
| November .....  | 565  | 4      |   | 569   | 482  | 2      |   | 484   |
| December .....  | 395  | 4      |   | 399   | 382  | 2      |   | 384   |
| AVERAGE .....   | 706  | 6      |   | 712   | 527  | 2      |   | 529   |

Table 19 - NUMBER OF WAGE-EARNERS IN MONTH OF HIGHEST EMPLOYMENT ACCORDING TO REGULAR HOURS WORKED PER WEEK, 1932 and 1933. (Overtime not included)

| Regular hours worked per week | Number of wage-earners |      | Regular hours worked per week | Number of wage-earners |      |
|-------------------------------|------------------------|------|-------------------------------|------------------------|------|
|                               | 1932                   | 1933 |                               | 1932                   | 1933 |
| 40 hours or less .....        | 245                    | 276  | 51 - 53 hours .....           | 48                     | 8    |
| 41 - 43 hours .....           | 12                     | 40   | 54 hours .....                | 78                     | 40   |
| 44 hours .....                | 319                    | 274  | 55 hours .....                | 16                     | 23   |
| 45 - 47 hours .....           | 98                     | 17   | 56 - 59 hours .....           | 31                     | 20   |
| 48 hours .....                | 57                     | 60   | 60 hours .....                | 86                     | 48   |
| 49 - 50 hours .....           | 60                     | 42   | Over 60 hours .....           | 24                     | 3    |

Table 20 - FUEL AND ELECTRICITY USED IN THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY,  
1932 and 1933.

| Kinds                         | Unit of measure | 1         | 9 | 3 | 2 | Cost at works | 1         | 9 | 3 | 3 | Cost at works |
|-------------------------------|-----------------|-----------|---|---|---|---------------|-----------|---|---|---|---------------|
|                               |                 | Quantity  |   |   |   | \$            | Quantity  |   |   |   | \$            |
| Bituminous coal - Canadian .. | short ton       | 143       |   |   |   | 1,051         | 213       |   |   |   | 1,619         |
| Imported ..                   | short ton       | 157       |   |   |   | 1,320         | 291       |   |   |   | 2,385         |
| Anthracite coal .....         | short ton       | 288       |   |   |   | 3,355         | 103       |   |   |   | 1,548         |
| Lignite coal .....            | short ton       | 161       |   |   |   | 1,414         | 41        |   |   |   | 257           |
| Coke .....                    | short ton       | 208       |   |   |   | 2,066         | 128       |   |   |   | 1,299         |
| Gasoline .....                | Imp. gal.       | 4,553     |   |   |   | 1,287         | 5,843     |   |   |   | 1,390         |
| Kerosene or coal oil .....    | Imp. gal.       | 50        |   |   |   | 13            | 61        |   |   |   | 15            |
| Fuel oil .....                | Imp. gal.       | 41,165    |   |   |   | 2,367         | 14,210    |   |   |   | 1,122         |
| Wood .....                    | cord            | 263       |   |   |   | 1,299         | 207       |   |   |   | 997           |
| Gas - Manufactured .....      | M cu.ft.        | 276       |   |   |   | 159           | 145       |   |   |   | 171           |
| Natural .....                 | M cu.ft.        | 1,220     |   |   |   | 749           | 1,490     |   |   |   | 786           |
| Other fuel .....              | xxx             | ...       |   |   |   | 40            | ...       |   |   |   | 276           |
| Electricity purchased .....   | K.W.H.          | 4,012,228 |   |   |   | 92,933        | 3,292,266 |   |   |   | 75,697        |
| TOTAL .....                   | xxx             | ...       |   |   |   | 108,053       | ...       |   |   |   | 87,562        |

Table 21 - POWER EQUIPMENT IN THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY, 1932 and 1933.

| Kinds                                                           | Number of units | 1                       | 9   | 3   | 2   | Number of units         | 1 | 9 | 3 | 3     |
|-----------------------------------------------------------------|-----------------|-------------------------|-----|-----|-----|-------------------------|---|---|---|-------|
|                                                                 |                 | Total rated horse power |     |     |     | Total rated horse power |   |   |   |       |
| Diesel engines .....                                            | ...             | ...                     | ... | ... | ... | 1                       |   |   |   | 16    |
| Gasoline, gas and oil engines (other than diesel engines) ..... | 6               | 105                     |     |     |     | 6                       |   |   |   | 81    |
| Total Primary Equipment .....                                   | 6               | 105                     |     |     |     | 7                       |   |   |   | 97    |
| Electric motors run by purchased power ..                       | 646             | 9,447                   |     |     |     | 635                     |   |   |   | 8,261 |
| TOTAL .....                                                     | 652             | 9,552                   |     |     |     | 642                     |   |   |   | 9,358 |
| Total Electric Motors .....                                     | 646             | 9,447                   |     |     |     | 635                     |   |   |   | 8,261 |
| Boilers .....                                                   | 5               | 345                     |     |     |     | 5                       |   |   |   | 210   |

Table 22 - COST OF STONE USED IN THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY, 1932 and 1933.

|                              | Cost at works |         |
|------------------------------|---------------|---------|
|                              | 1932          | 1933    |
| Cost of all stone used ..... | 870,036       | 647,798 |
| All other materials .....    | 58,536        | 43,725  |
| TOTAL .....                  | 928,572       | 691,523 |

Table 23 - PRODUCTS OF THE MONUMENTAL AND ORNAMENTAL STONE INDUSTRY, 1932 and 1933.

| Products                                           | TOTAL SELLING VALUE AT WORKS |           |
|----------------------------------------------------|------------------------------|-----------|
|                                                    | 1932                         | 1933      |
| Granite, cut and polished - {a} Monuments .....    | 1,164,283                    | 1,111,354 |
| {b} For building purposes ..                       | 79,136                       | 40,224    |
| Marble, cut and polished - {a} Monuments .....     | 180,323                      | 200,313   |
| {b} For building purposes ..                       | 339,627                      | 73,445    |
| Marble chips and dust .....                        | 5,191                        | 2,712     |
| Limestone .....                                    | {a} Monuments and bases .... | 43,652    |
|                                                    | {b} For building purposes .. | 636,294   |
| Finished monuments, lettered only .....            | 487,286                      | 346,364   |
| Other products .....                               | 26,122                       | 42,036    |
| Repairs and custom work (re-lettering, etc.) ..... | ...                          | 34,758    |
| TOTAL .....                                        | 2,961,914                    | 2,162,650 |

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D I R E C T O R Y

MONUMENTAL AND ORNAMENTAL STONE INDUSTRY IN CANADA, 1933.

NOTE - These dressing works are operated separately from the quarries.

| <u>Names of Companies</u>     | <u>Location of Plants</u>             |
|-------------------------------|---------------------------------------|
| <u>PRINCE EDWARD ISLAND -</u> |                                       |
| Beck, Vere & Son              | Main St., Montague                    |
| Chandler & Bell               | 16 Kent St., Charlottetown            |
| Keoghan, Mrs. Angelina        | Summerside                            |
| <u>NOVA SCOTIA -</u>          |                                       |
| Dauphinee, A. T.              | Horton St., Yarmouth                  |
| Gray, F. W.                   | 108 Gerrish St., Halifax              |
| Keltie, Robert, & Son         | 687 Barrington St., Halifax           |
| Maritime Monument Works       | 171 Kempt Rd., Halifax                |
| Rottler, A. A.                | Kentville                             |
| Steele, John D., Estate       | Commercial St., North Sydney          |
| Tingley, J. A., Granite Works | Amherst                               |
| Truro Marble & Granite Works  | 907 Prince St., Truro                 |
| <u>NEW BRUNSWICK -</u>        |                                       |
| Kane, M.T., & Co. Ltd.        | Westmoreland Rd., Saint John          |
| Kinsella, P., Estate of       | 75 Dorchester St., Saint John         |
| Lawlor & Williams             | Chatham                               |
| Pelletier, Alfred B.          | St. Basile                            |
| St. Stephen Granite Works     | Queen St., St. Stephen                |
| Sherrard, T. F., & Son        | 135 Victoria St., Moncton             |
| Shields, J. A.                | Water St., St. Stephen                |
| <u>QUEBEC -</u>               |                                       |
| Beaulieu, Elzear              | Ste. Helene, Kamouraska               |
| Beebe Monumental Works        | Beebe                                 |
| Bradford, John                | Granby                                |
| Brault, Z.                    | 1 Champlain St., Valleyfield          |
| Brodie's Ltd.                 | Iberville                             |
| Brunet, A.                    | Ormstown                              |
| Brunet, J., Limitee           | 4485 Chemin Cote des Neiges, Montreal |
| Chabot, J. Ray                | Scott Junction, Co. Dorchester        |
| Chausse, Edouard, & Fils      | 59 rue Aberdeen, Sherbrooke           |
| Cote, Valere, & Frere         | 187 - 1st Ave., Quebec                |
| Corbeil, Alphonse             | 5030 Papineau, Montreal               |
| Crete, James                  | Rue Royal, Sorel                      |
| Deaudelin, Napoleon           | 92 St. Antoine St., St. Hyacinthe     |
| Dugas, Joseph                 | 191 St. Charles Borromie, Joliette    |
| Dalceggio, F.                 | 4560 Chemin Cote des Neiges, Montreal |
| Delwaide & Goffin             | 12 rue Havre, Chicoutimi              |
| Derry, John J., Co. Ltd.      | 6554-6562 Durocher Ave., Montreal     |
| Ducharme, J. Maurice          | Victoriaville                         |
| Dussault, Theo, & Cie.        | Mont Laurier                          |
| Fortin, Dollard               | St. David de Levis (Levis Co.)        |
| Godin & Delisle               | 266 St. Paul, Quebec                  |
| Gordon Stone Monument Reg'd.  | 4374 St. Lawrence Blvd., Montreal     |
| Gignac, Azarias               | St. Alban                             |
| Gosselin, Oscar               | Megantic (Frontenac Co.)              |
| Gingras, Roche                | Ste. Foye                             |

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D I R E C T O R Y - continued

MONUMENTAL AND ORNAMENTAL STONE INDUSTRY IN CANADA, 1933.

| <u>Names of Companies</u>                   | <u>Location of Plants</u>            |
|---------------------------------------------|--------------------------------------|
| <u>QUEBEC</u> - concluded                   |                                      |
| Gosselin Fils, Enrg.                        | Cote de la Station, Beauceville Est  |
| Hansford, Frank                             | 14 Baldwin St., Coaticook            |
| Hawkins, F.                                 | 1116 Bleury St., Montreal            |
| Hurtibise                                   | 6752 Sherbrooke E., Montreal         |
| Jacques, Olivier                            | 18 Shaw St., Levis                   |
| Sutton Marble Works                         | Sutton                               |
| Lefebvre, J. A.                             | 78 - 3rd St., Limoilou, Quebec       |
| Labrecque, Ernest                           | 1345 St. Vallier St., Quebec         |
| Lafresnaye, Louis                           | St. Fabien (Co. Rimouski)            |
| La Cie de Marbre de Pierre de Quebec, Ltée. | 117 Cote d'Abraham, Quebec           |
| Michelin & Dessureault, Reg'd.              | Three Rivers                         |
| National Granite Works Ltd.                 | Iberville                            |
| Paquin, Laurent                             | 1043 Blvd. des Forges, Three Rivers  |
| Quinlan Cut Stone, Ltd.                     | Bois Franc Rd., St. Laurent          |
| Poulin, P. A.                               | 222 Champlain St., St. Jean          |
| Roberge, Theodule                           | 69 Boulevard Langelier, Quebec       |
| Robertson, Fred                             | Beebe Junction                       |
| Ritchie Cut Stone Co. Ltd.                  | Montreal                             |
| Rolland, J. A.                              | 1285 Rue St. Valier, Quebec          |
| Savard, J. Bte.                             | Ste. Anne de la Perade, Quebec       |
| Scott, W. M.                                | Lachute                              |
| Shawville Marble & Granite Works            | Shawville                            |
| Smith Bros. Memorial Art Ltd.               | 1195 Ducharme St., Outremont         |
| Smith Marble & Cons. Co. Ltd.               | 207 Van Horne Ave., Montreal         |
| Thompson, T. C.                             | 270 Wellington St. W., Sherbrooke    |
| Thuot & Denicourt                           | 87 - 4th St., Iberville              |
| Tremblay, Geo. E.                           | 113 - 9th Ave., Iberville            |
| <u>ONTARIO</u> -                            |                                      |
| Alpaugh, J., & Sons                         | St. Andrews St., Fergus              |
| Ambroise, J. F.                             | 58 Alma St., Guelph                  |
| Austin, P. O.                               | Cor. Colborne and Young Sts., Simcoe |
| Bayne, D. M.                                | Kemptville                           |
| Beaver Marble & Granite                     | Brock St. W., Uxbridge               |
| Benfield, Geo. C.                           | 333 York, Hamilton                   |
| Benzie, W. E.                               | 649 York St., Hamilton               |
| Bounsall, A. H.                             | Division St., Bowmanville            |
| Brampton Monument Works                     | 68 Queen St. W., Brampton            |
| Bowden Marble & Granite                     | 782 - 2nd Ave. E., Owen Sound        |
| Brantford Monument Works                    | Cor. Gray and Market Sts., Brantford |
| Braun, Casper                               | 16 Andrew St., Kitchener             |
| Brockville Cemetery Memorial Works          | R. R. 3, Brockville                  |
| Brown, R., & Son                            | 376 Sparks St., Ottawa               |
| Brown, Geo., Monumental Works               | 473 Bronson Ave., Ottawa             |
| Campbell, A. C.                             | 21 Bridge St. W., Belleville         |
| Chapman, Wm. E.                             | Seaforth                             |
| Charbonneau Marble & Granite Works          | 95 Elgin St., Arnprior               |
| Clarke, D., & Co.                           | 1022 Howard Ave., Windsor            |
| Colby, C. H.                                | 235 King St., Chatham                |
| Collingwood Granite & Marble Works          | Simcoe St., Collingwood              |
| Corbett, A. J.                              | Main St., Mount Forest               |

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D I R E C T O R Y - continued

MONUMENTAL AND ORNAMENTAL STONE INDUSTRY IN CANADA, 1933.

| <u>Names of Companies</u>            | <u>Location of Plants</u>            |
|--------------------------------------|--------------------------------------|
| <u>ONTARIO - continued</u>           |                                      |
| Corley, A. C.                        | Main St., Brighton                   |
| Cobourg Granite & Marble Works       | King St., Cobourg                    |
| Coughlin, John                       | 216 Hunter St., Peterborough         |
| Creber Son & Co.                     | 1333 St. Clair Ave. W., Toronto      |
| Cresswell, W. H.                     | 187 Kent St., Lindsay                |
| Cunningham & Pryde                   | Main St., Exeter                     |
| Davison, Geo. J.                     | Queen St., Paisley                   |
| Dillon, Joseph                       | 55 Stone St., Gananoque              |
| Doan & Panther                       | 20 Elgin St., St. Thomas             |
| Doyle, J. E.                         | 269 - 8th St. E., Owen Sound         |
| Edwards, W. R.                       | 1283 Dundas St. W., Toronto          |
| Excelsior Granite & Marble Works     | 123 Pitt St. E., Windsor             |
| Fallon Bros.                         | 393 Princess St., Kingston           |
| Farnworth, G. H.                     | Guelph                               |
| Froats, George, & Co.                | Renfrew                              |
| George, John J.                      | Port Elgin                           |
| Galt Monumental Works                | 64 Water St. N., Galt                |
| Gladstone & Ross                     | 388 E. Brock St., Fort William       |
| Hayes Bros. Co.                      | 290 Klock Ave., North Bay            |
| Howitt, Wm. M.                       | Dundas St., Napanee                  |
| Hunter Granite Works                 | Argyle St., Simcoe                   |
| Humber Memorial Granite Co.          | 3665 Dundas St. W., Toronto          |
| Johnston & Cranston                  | 1849 Yonge St., Toronto              |
| Jones, Thomas C.                     | Listowel                             |
| Jones & Stevens                      | 277 Rideau St., Ottawa               |
| Jones, W.A., & Sons                  | Main St., Picton                     |
| Kilvington Bros.                     | 1357 St. Clair St. W., Toronto, 10.  |
| Lake Superior Granite & Marble Works | 111 Wellington St., Sault Ste. Marie |
| Leamington Granite & Marble Works    | Erie St.N., Leamington               |
| Lindsay Monumental Works             | 11 Cambridge St. N., Lindsay         |
| Lippert, F., & Son                   | Durham St., Walkerton                |
| London Marble & Granite Co. Ltd.     | 493 Richmond St., London             |
| Laurin, J. P.                        | George St., Ottawa                   |
| Luesby, George W.                    | 178 Main St., Newmarket              |
| McCallum Granite Co. Ltd.            | 395 Princess St., Kingston           |
| McIntosh Granite Co. Ltd.            | 1119 Yonge St., Toronto              |
| McIntyre, George, Co.                | 60 Danforth Ave., Toronto            |
| McMillan Granite Co. Ltd.            | 105 Ontario St., Sarnia              |
| McKay Cut Stone Co.                  | 210 Silverbirch Ave., Toronto        |
| Memorial Company of Toronto          | 2299 Bloor St. W., Toronto           |
| Middleton Marble & Granite Co. Ltd.  | 122 Main St. E., Hamilton            |
| Monumental Art Co.                   | 2168 Dundas St. W., Toronto          |
| Moore, Walter F.                     | 404 Front St., Belleville            |
| Niagara Cut Stone Co. Ltd.           | Buttrey Ave., Niagara Falls          |
| Nichols, John                        | Acton                                |
| Nobbs, A. & E.                       | C. P. R. and William St., London     |
| Oakley, Geo., & Son, Ltd.            | 355 Logan Ave., Toronto              |
| Ontario Marble Co. Ltd.              | Maria St., Peterborough              |
| Ontario Monumental Co.               | 631 Dundas St. W., Toronto           |
| Orillia Mcnument Co.                 | 252 Coldwater Rd. W., Orillia        |
| Pollard & Miller                     | 715 Queen St. E., Sault Ste. Marie   |

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D I R E C T O R Y - continued

MONUMENTAL AND ORNAMENTAL STONE INDUSTRY IN CANADA, 1933.

| <u>Names of Companies</u>          | <u>Location of Plants</u>                                     |
|------------------------------------|---------------------------------------------------------------|
| <u>ONTARIO</u> - concluded         |                                                               |
| Pollock & Ingham                   | 151 Main St., Galt                                            |
| Porterfield & Colquhoun            | Mitchell                                                      |
| Port Hope Monument Works           | Ontario St., Port Hope                                        |
| Rhodes Memorials Ltd.              | Cayuga                                                        |
| Richardson, R. H.                  | Victoria St., Hanover                                         |
| Ritchie Cut Stone Co. Ltd.         | 191 Grant Ave., Hamilton, and<br>New Toronto St., New Toronto |
| Ritchie, James                     | 51 Catherine St., Ottawa                                      |
| Ruch, L. J., and Son               | Wellington St. S., St. Marys                                  |
| Rutledge, S. H.                    | Broadway, Orangeville                                         |
| Sanderson, R. J., Marble Co.       | 33 Peter St., Orillia                                         |
| Sarnia Marble & Granite Works      | Victoria St., Sarnia                                          |
| Scott Bros.                        | 38 McGee St., Toronto                                         |
| Simcoe Marble Works                | 20 Owen St., Barrie                                           |
| Skelton and Son                    | Yonge St., Walkerton                                          |
| Smith Monument Co.                 | 357 Weston Road, Toronto                                      |
| Smith, R. B.                       | Merrickville                                                  |
| Smyth & Son                        | 344 Wellington St., London                                    |
| Snider, I. R.                      | 106 E. Main St., Humberstone                                  |
| Standard Stone Co. Ltd.            | 1440 Howard Ave., Windsor                                     |
| Stead, Arthur, Cut Stone Co. Ltd.  | Frid St., Hamilton                                            |
| Stubbs & Gibson                    | Morrisburg and Winchester                                     |
| Terrell, Walter                    | 356 Hopewell Ave., Toronto                                    |
| Thake, H. W.                       | Cor. Spring and George Sts., Westport                         |
| Thomas, Geo.                       | Industrial St., Leaside                                       |
| Thomson Monument Co. Ltd., The     | 862 Dupont St., Toronto                                       |
| Thomas, Wm. M.                     | 33 Erskine Ave., Toronto                                      |
| Twin City Monument Co.             | King St. E., Kitchener                                        |
| Wardell Monument Works             | 2692 Dundas St. W., Toronto                                   |
| Webb, George (Estate of)           | 448 Summerhill Ave., Toronto, 5                               |
| Widdicombe, B.                     | 5 Bond St., St. Catharines                                    |
| Wideman, L.C., & Son               | Stouffville                                                   |
| Wilcox Granite Co.                 | Opposite Woodland Cemetery, Hamilton                          |
| Williamson, W.A., & Sons           | William St., Gananoque                                        |
| Williscroft, B.A.                  | 868 - 3rd Ave. E., Owen Sound                                 |
| <u>MANITOBA</u> -                  |                                                               |
| Allen & Grant                      | 405 Youville St., St. Boniface                                |
| Billing, J.                        | Carman                                                        |
| Brooke, J.H., & Sons               | 266 Main St., Winnipeg                                        |
| Campbell Bros.                     | 90 Hespeler Ave., Elmwood, Winnipeg                           |
| Gauthier, Joseph                   | 554½ Des Meurons St. (rear), St. Boniface                     |
| Guinn & Simpson Co. Ltd.           | Tupper St. N., Portage la Prairie                             |
| Hooper's Memorial Co. (Registered) | 304 Spence St., Winnipeg                                      |
| MacIntyre, A. L.                   | 361 Bannatyne Ave., Winnipeg                                  |
| Memorial Marble & Tile Co. Ltd.    | 1180 Wall St., Winnipeg                                       |
| Neepawa Marble & Granite Works     | Neepawa                                                       |
| Peirson, C. H.                     | 201 - 6th St., Brandon                                        |
| Pirotton, N.                       | 385 Dubuc St., St. Boniface                                   |
| Somerville & Co.                   | 1417 Rosser Ave., Brandon                                     |
| Stonite Monumental Co. of Canada   | 508 Selkirk, Winnipeg                                         |

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D I R E C T O R Y - concluded

MONUMENTAL AND ORNAMENTAL STONE INDUSTRY IN CANADA, 1933.

| <u>Names of Companies</u>                | <u>Location of Plants</u>                |
|------------------------------------------|------------------------------------------|
| <u>MANITOBA</u> - concluded              |                                          |
| Wheeldon & Sons                          | 1055 Main St., Winnipeg                  |
| Western Marble Co. Ltd.                  | 413 McIntyre Block, Winnipeg             |
| <u>SASKATCHEWAN</u> -                    |                                          |
| Best Monumental Co.                      | 721 Caribou St. W., Moose Jaw            |
| Moloro Marble & Tile Co.                 | 404 Ontario Ave. and 25th St., Saskatoon |
| Moose Jaw Marble & Granite Works Ltd.    | 706 Athabasca St. E., Moose Jaw          |
| Regina Monumental Co.                    | Albert St., Regina                       |
| Sask. Marble & Construction Co. Ltd.     | 140 Sixth St. E., Prince Albert          |
| Saskatoon Granite & Marble Works Ltd.    | 137 Avenue A, North Saskatoon            |
| Western Granite & Marble Works Ltd.      | 714 - 2nd Ave., North Saskatoon          |
| Yorkton Monumental Works                 | 20 Agricultural Ave., Yorkton            |
| Young, Alex., Ltd.                       | Scarth St. and 4th Ave., Regina          |
| <u>ALBERTA</u> -                         |                                          |
| Alberta Granite, Marble & Stone Co. Ltd. | 10702 - 101st St., Edmonton              |
| Hart, Albert J.                          | 1821 Second St. E., Calgary              |
| Lethbridge Monumental Works              | 325 - 8th St. S., Lethbridge             |
| McDonald Granite Co. Ltd.                | 2313 Second St. E., Calgary              |
| North West Granite & Marble Co., The     | 8537 - 109th St., Edmonton               |
| <u>BRITISH COLUMBIA</u> -                |                                          |
| Allan, A. S., & Co.                      | 880 Beach Ave., Vancouver                |
| Art Monument Co. Ltd.                    | 602 Kingsway, Vancouver                  |
| Bertram Marble and Granite Works         | 4880 Fraser, Vancouver                   |
| Burnaby Monumental Works                 | 2665 Patterson Ave., Burnaby             |
| Coupland, J.                             | 1817 Main, Vancouver                     |
| Continental Marble Co. Ltd.              | 1002 Georgia St. E., Vancouver           |
| Forster Monumental Works                 | 5528 Fraser St., Vancouver               |
| Millins, C.E.J.                          | Comox Road, Nanaimo                      |
| Mortimer, J., & Son                      | 720 Courtney St., Victoria               |
| Patterson & Chandler                     | 5498 Fraser St., Vancouver               |
| Stewart Monumental Works Ltd.            | 1401 May St., Victoria                   |
| Willey, C. E.                            | 4695 Fraser, Vancouver                   |

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