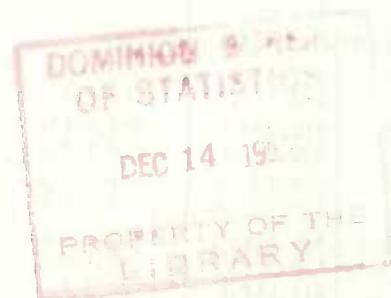


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DOMINION BUREAU OF STATISTICS—DEPARTMENT OF TRADE AND COMMERCE
CANADA



THE SAND AND GRAVEL INDUSTRY
1952

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Minister of Trade and Commerce

Prepared in the Mining, Metallurgical and Chemical Section
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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: Volume I — The Primary Industries, including mining, forestry and fisheries; Volume II — Manufacturing; Volume III — Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries which they comprise.

Volume I consists of the following parts:

- Part I — Mineral Statistics
- Part II — Forestry Statistics — Operations in the Woods
- Part III — Fisheries Statistics

Part I includes the following reports which constitute the complete series on Mineral Statistics of Canada. Individual reports are issued as the information becomes available; they are arranged in a form suitable for binding.

- A — General Review of the Mining Industry, 50¢
- B — The Gold Mining Industry, 50¢
- C — The Silver-Lead-Zinc Mining Industry, 25¢
- D — The Nickel-Copper Mining, Smelting and Refining Industry, 25¢
- E — The Miscellaneous Metal Mining Industry, 25¢
- F — The Non-ferrous Smelting and Refining Industry, 25¢
- G — The Coal Mining Industry, \$1.00
- H — The Crude Petroleum and Natural Gas Industry, 25¢
- I — The Asbestos Mining Industry, 25¢
- J — The Feldspar and Quartz Mining Industry, 25¢
- K — The Gypsum Industry, 25¢
- L — The Peat Industry, 25¢
- M — The Salt Industry, 25¢
- N — The Talc and Soapstone Industry, 25¢
- O — The Miscellaneous Non-metal Mining Industry, 25¢
- P — The Cement Manufacturing Industry, 25¢
- Q — The Clay and Clay Products Industry, 25¢
- R — The Lime Industry, 25¢
- S — The Sand and Gravel Industry, 25¢
- T — The Stone Industry, 25¢
- U — Contract Drilling in the Mining Industry, 25¢

THE SAND AND GRAVEL INDUSTRY

1952

During 1952 the commercial sand and gravel production in Canada amounted to 102,895,545 tons valued at \$51,339,043 compared with 92,972,821 tons valued at \$44,627,559 in the preceding year. These totals include sand and gravel used by railroads as ballast, gravel used by mines as back fill, and recoveries of sand by dredges, as well as similar materials from other sources.

Sand and gravel production in Ontario, amounting to 43,423,737 tons in 1952, was 11 per cent higher than in 1951; in Quebec this year's output of 32,060,910 tons represented an increase of 2.4 per cent.

Sand and gravel plants in Canada washed or screened 14,137,868 tons in 1952 compared with

12,849,635 tons in 1951, and the bank or pit-run grades amounted to 88,757,677 tons compared with 80,123,186 tons in 1951.

The industry employed 4,185 persons in 1952 and paid \$12,354,505 in salaries and wages. The reported number of man-hours of labour for 3,887 workmen was 11,279,178 and for 298 administration and office employees it was 875,832. Fuel cost \$1,711,274 and 15,892,750 k.w.h. of electricity were purchased for \$205,333. Process supplies were valued at \$756,638.

Imports of sand and gravel amounted to 183,379 tons valued at \$174,645 in 1952 and exports were 350,443 tons worth \$329,631.

TABLE 1. Principal Statistics¹ for the Sand and Gravel Industry, 1951 and 1952

Province	Operators	Employees	Salaries and wages	Cost of fuel and electricity	Cost of process supplies	Gross value of products sold during year (f.o.b. works)
			No.	No.	\$	\$
1951						
Newfoundland.....	2	557	962,525	8,283	34,230	607,242
Nova Scotia.....	3	210	453,055	13,494	1,177	1,508,276
New Brunswick.....	3	176	324,570	3,160	3,640	2,104,710
Quebec.....	992	1,129	2,823,236	248,106	110,404	10,289,258
Ontario.....	747	1,415	3,700,922	1,255,981	136,117	19,565,806
Manitoba.....	14	111	272,541	50,391	88,247	765,986
Saskatchewan.....	51	75	261,600	38,474	63,817	1,792,928
Alberta.....	12	71	206,224	59,057	18,994	3,051,682
British Columbia.....	37	316	899,531	116,605	9,632	3,541,094
Total	1,861	4,060	9,904,254	1,793,551	516,258	43,226,982
1952						
Newfoundland.....	2	413	972,365	13,651	42,345	893,505
Nova Scotia.....	4	224	460,489	11,688	1,077	1,255,064
New Brunswick.....	3	177	317,500	4,800	2,800	1,693,210
Quebec.....	1,031	1,281	3,599,060	204,867	199,184	12,455,032
Ontario.....	737	1,537	4,471,988	1,394,366	296,296	22,911,527
Manitoba.....	16	97	287,862	56,794	60,929	1,052,177
Saskatchewan.....	45	82	343,002	25,235	111,216	1,547,113
Alberta.....	9	67	221,297	75,493	10,914	3,176,720
British Columbia.....	41	307	981,473	129,713	31,877	4,582,683
Total	1,888	4,185	11,655,036	1,916,607	756,638	49,567,031

1. Does not include data on sand and gravel produced by railroads. In 1952 the railroads' production by 13 operators was 6,285,094 tons valued at \$1,772,012. Salaries and wages paid to workers at these pits were \$699,469 for the year. In 1951 the railroads' production by 28 operators was 6,018,934 tons valued at \$1,400,577 and salaries and wages totalled \$510,305.

TABLE 2. Production¹ of Sand and Gravel, 1943-1952

Year	Tons	Value
		\$
1943	25,744,469	9,005,857
1944	28,399,986	10,280,119
1945	29,750,703	10,568,363
1946	39,949,994	15,529,700
1947	56,789,569	23,114,431
1948	68,670,863	30,629,596
1949	63,356,308	31,191,541
1950	73,095,163	36,434,759
1951	92,972,821	44,627,559
1952	102,895,545	51,339,043

1. Does not include production of natural silica sand or of silica sand manufactured from quartz or silica rock; production of these is recorded under quartz.

TABLE 3. Production of Sand and Gravel, by Kinds, 1951 and 1952

	Washed or screened	Bank or pit-run	Total value				
			tons	tons	\$		
1951							
Production¹:							
Sand:							
Moulding sand	28,075	8,346			36,900		
Building sand and sand for concrete, road-work, etc.	4,751,310	3,221,430			5,116,901		
Core sand	—	1,655			3,490		
Other sand (including blast sand, engine sand, etc.)	50,296	313,494			158,699		
Sand and gravel:							
Sand and gravel for railway ballast	675,854	6,315,335			2,291,532		
Sand and gravel for concrete, road-building, etc.	3,984,548	58,320,692			27,941,202		
Mine filling.....	85,330	3,326,896			950,941		
Crushed gravel.....	3,274,222	8,615,148			8,077,894		
Total	12,849,635	80,123,186			44,627,559		
1952							
Production¹:							
Sand:							
Moulding sand	16,306	7,068			65,625		
Building sand and sand for concrete, road-work, etc.	5,014,145	3,055,188			5,743,760		
Core sand	—	941			1,943		
Other sand (including blast sand, engine sand, etc.)	266,422	444,861			387,663		
Sand and gravel:							
Sand and gravel for railway ballast	404,262	6,718,288			2,403,865		
Sand and gravel for concrete, road-building, etc.	4,957,682	63,200,261			31,125,978		
Mine filling.....	38,092	3,860,517			1,159,186		
Crushed gravel.....	3,440,899	11,470,553			10,451,023		
Total	14,137,868	88,757,677			51,339,043		

1. Does not include production of natural silica sand or of silica sand manufactured from quartz or silica rock; production of these is recorded under quartz in the bulletin, "The Feldspar and Quartz Mining Industry".

TABLE 4. Production of Sand and Gravel, by Provinces, 1950-1952

Province		1950	1951	1952
Newfoundland	Tons \$	1,619,389 780,315	1,483,951 648,346	1,654,471 936,013
Prince Edward Island	-		(no commercial production)	
Nova Scotia	Tons \$	1,600,932 1,488,593	1,756,641 1,527,052	1,574,539 1,269,540
New Brunswick	Tons \$	4,789,585 2,997,779	2,966,210 2,229,258	3,670,289 1,815,576
Quebec	Tons \$	20,313,415 7,172,632	31,297,949 10,616,701	32,060,910 12,744,630
Ontario	Tons \$	30,271,214 15,551,406	39,218,058 19,905,293	43,423,737 23,240,203
Manitoba	Tons \$	2,720,951 721,494	2,832,110 929,989	3,763,418 1,253,642
Saskatchewan	Tons \$	2,104,797 1,439,870	2,951,813 1,874,071	3,544,602 1,657,919
Alberta	Tons \$	3,866,662 2,572,795	4,289,021 3,194,446	5,066,403 3,590,687
British Columbia	Tons \$	5,808,218 3,709,875	6,177,068 3,702,403	8,137,176 4,830,833
Canada	Tons \$	73,095,163 36,434,759	92,972,821 44,627,559	102,895,545 51,339,043

TABLE 5. Production of Washed or Screened and Pit-Run Grades, by Provinces, 1952

Province	Washed or screened	Bank or pit-run	Total
			Tons
Newfoundland	128,391	1,526,080	1,654,471
Nova Scotia	237,226	1,337,313	1,574,539
New Brunswick	40,500	3,629,789	3,670,289
Quebec	1,112,242	30,948,668	32,060,910
Ontario	9,505,307	33,913,430	43,423,737
Manitoba	268,275	3,495,143	3,763,418
Saskatchewan	39,800	3,504,802	3,544,602
Alberta	299,941	4,766,462	5,066,403
British Columbia	2,506,186	5,630,090	8,137,176
Total	14,137,868	88,757,677	102,895,545

TABLE 6. Production for Building and for Concrete, Roads, etc., by Provinces, 1952

	Sand		Sand and gravel			
	For building, concrete, roads, etc. ¹		For railway ballast		For concrete, roads, etc.	
	Tons	\$	Tons	\$	Tons	\$
Newfoundland	984	€34	172,576	32,152	1,441,255	894,265
Nova Scotia	29,029	20,336	221,492	127,249	1,323,123	1,117,257
New Brunswick	1,087	161	182,515	27,078	3,343,858	1,693,210
Quebec	2,876,331	1,354,092	1,066,356	372,121	20,366,961	5,836,417
Ontario	4,651,622	3,860,675	2,568,380	728,421	27,036,976	13,561,850
Manitoba	93,795	69,468	473,226	206,370	2,809,044	650,541
Saskatchewan	52,945	35,509	538,908	132,413	1,817,449	1,079,995
Alberta	106,389	215,823	1,109,706	325,518	3,607,341	2,652,672
British Columbia	256,551	187,062	789,391	452,543	6,411,936	3,639,771
Canada	8,069,333	5,743,760	7,122,550	2,403,865	68,157,943	31,125,978

1. Exclusive of engine and other sands and mine fill.

TABLE 7. Production of Moulding and Core Sand and Crushed Gravel, by Provinces, 1952

Province	Moulding sand and core sand		Crushed gravel	
	Tons	\$	Tons	\$
Newfoundland	—	—	36,961	7,255
Nova Scotia	895	4,693	—	—
New Brunswick	—	—	140,986	94,354
Quebec	—	—	7,188,619	5,024,986
Ontario	23,207	62,570	6,213,012	4,060,036
Manitoba	273	300	378,321	317,739
Saskatchewan	—	—	163,391	75,611
Alberta	—	—	242,367	396,674
British Columbia	—	—	541,995	472,918
Canada, 1952	24,375	67,568	14,911,452	10,451,023
Canada, 1951	38,276	90,390	11,889,370	8,077,894

TABLE 8. Employees and Their Earnings in the Sand and Gravel Industry, 1948-1952

Year	Average number of employees					Earnings		
	Administrative and office		Workmen		Total	Administrative and office	Workmen	Total
	Male	Female	Male	Female				
1948	125	29	4,033	10	4,197	351,494	6,400,619	6,752,103
1949	151	31	3,669	12	3,863	452,873	6,694,455	7,147,334
1950	223	58	3,324	15	4,120	692,392	7,663,829	8,356,721
1951	226	57	3,750	18	4,060	893,358	9,010,396	9,904,254
1952	231	67	3,871	16	4,185	1,011,295	10,643,741	11,655,036

TABLE 9. Workmen¹ in the Sand and Gravel Industry, by Months, 1951 and 1952

Month	1951			1952		
	Male	Female	Total	Male	Female	Total
(Number)						
January	1,232	5	1,237	1,373	7	1,390
February	1,291	5	1,293	1,451	6	1,457
March	1,409	6	1,415	1,601	6	1,607
April	2,149	18	2,167	2,484	11	2,495
May	6,650	20	6,670	7,617	18	7,635
June	3,397	22	8,419	8,749	19	8,768
July	8,130	22	9,152	8,242	19	8,251
August	4,973	22	4,995	3,986	19	4,005
September	4,201	23	4,224	3,926	17	3,943
October	2,473	23	2,496	2,540	17	2,557
November	2,412	20	2,432	2,382	17	2,399
December	1,566	12	1,578	1,787	10	1,797
Average	3,759	18	3,777	3,871	16	3,887
Man-hours worked:						
Administrative and office			723,172			875,932
Workmen			10,415,328			11,279,178

1. This report does not include employment data relating to the production of sand and gravel by railroads owing to the difficulty of separating statistics pertaining to part-time work conducted by railroad maintenance employees and work done by contractors. In 1952 the combined amount paid by railroads to contractors and wages paid railroad employees for the production of sand and gravel totalled \$690,469.

List of Principal Sand and Gravel Operators, 1952

In addition to the names listed below, production has been reported by the railway companies for ballast, and also a considerable amount by counties and townships in Ontario, for road use.

(w) Markets washed or screened material.

Name of firm	Head office address	Location
Newfoundland:		
Concrete Products (Nfld) Limited (w).....	Box 2161, St. John's.....	Seal Cove
Newfoundland Department of Highways	St. John's	Various
Nova Scotia:		
Crocket, V. B.	Wallace	Belmont
MacDonald, V.	Antigonish.....	Antigonish
Nova Scotia Department of Highways	Halifax.....	Various
Rayner Construction Ltd. (w).....	29 Commercial Road, Leaside, Ontario ..	Debert
New Brunswick:		
Likely, Jos. A., Ltd.	Box 655, Saint John	East Saint John
Maxwell, Elmer.....	St. Stephen	Charlotte County
New Brunswick Department of Highways	Fredericton.....	Various
Quebec:		
Allen, W.	St. Henri	Levis Co.
Asbestos Corporation Limited	Thetford Mines	Thetford Mines
Atlas Construction Co. Ltd. (w)	4781 St. Catherine St. W., Westmount	Rochon Tp.
Aube, A.	Milan	Whitton Tp.
Baillargeon, Philippe	22, rue Montcalm, Iberville	Ste-Philomène and Mont St-Grégoire
Belleterre Quebec Mines Limited	25 King St. W., Toronto, Ontario	GUILLET TP.
Bonner Sand and Ballast Limited	1434 St. Catherine St. W., Montreal	South Durham
Brique du Nord Limitée, La (w).....	Rouyn.....	Rouyn
Canadian Johns-Manville Co. Ltd.	1062 Sun Life Bldg., Montreal	Shipton
Cartier, McNamara, & Partners	Seven Islands	Ste-Marguerite
Cascaubon, N.	St-Edouard.....	St-Edouard
Chabot, Bernard	St-Jean-Baptiste.....	St-Jean-Baptiste
Chartier, Donat.....	30 Galt St., Sherbrooke.....	Compton Co.
Cie de Sable & de Gravier Montmorency Ltée	245 Royale, Montmorency.....	Montmorency
Cie de Sable & Gravier de St. André.....	St-André Est	St-André Est
Cie de Sable & Gravier St. Paul Ltée.....	263, rue Principale, Granby.....	St-Paul d'Abbotsford
Coaticook, City of (w).....	Coaticook	Coaticook
Compagnie de Sable Limitée, La (w)	20 - 31ème ave, Québec	Beauport Est
Consolidated Oka Sand & Gravel Co. Limited.	248 McCord St., Montreal	Lake of Two Mountains
Des Marais, Mme. (w).....	St-Félix de Valois	St-Félix de Valois
Desourdy, Louis.....	St-Hilaire Station	St-Hilaire Station
East Malartic Mines Limited	355 St. James St. W., Montreal	Fournier Tp.
Fontaine, L.	L'Avenir	L'Avenir
Fortin & Frère	Hemmingford	Valleyfield, St-Stanislas, and Ormstown
Gagnon, Arthur	1740 - 41ème rue, Grand'Mère	Grand'Mère
Gauthier, Ovila, Limitée.....	550 Price St. W., Chicoutimi	Taillon Tp.
Goyer, Edouard, & Frère	St-Bruno	St-Bruno and St-Hilaire
Granby, City of	Granby	Granby
Hains, A., Limitée.....	337, ave Royale, Beauport	Ste-Thérèse-de-Lisieux
Laberge, E.	Ste-Foy	Ste-Foy
Magog, City of	Magog	Magog
Malartic Gold Fields Limited.....	355 St. James St. W., Montreal	Abitibi
Marchand & Frère	505 - 108ième rue, Shawinigan Falls	Mont-Carmel
Mascouche Sand & Construction Limited	11501 est, rue Notre-Dame, Montréal	Mascouche
Mercure, Camille	555, rue St-Denis, St-Hyacinthe	St-Dominique
Modern Paving (Quebec) Limited.....	Bon Conseil	Ste-Clothilde de Horton
Mondoux, N.	St-Nazaire, Bagot	Iagot Granton
Mount Royal Paving & Supplies Limited (w)	6301 Park Ave., Montreal 15	Charette and St. Gabriel
Normetal Mining Corporation Limited	356 Bay St. W., Toronto 1, Ontario	Abitibi
Quellet, Lucien	Ste-Foy	Ste-Foy
Pic Construction Co. Ltée	Arvida	Bagotville
Quemont Mining Corporation Limited	44 King St. W., Toronto 1, Ontario	Rouyn
Rimouski, Ville de	Rimouski	Rimouski
Robert & Dufour Eng.	220, ave Royale, Beauport	Ste-Thérèse
St. Francis River Dredging Co. (w)	St. Francois du Lac.....	St. Francois River

List of Principal Sand and Gravel Operators, 1952 — Continued

Name of firm	Head office address	Location
Quebec — concluded:		
St. Hilaire, N., Inc.	New Liverpool	Chaudière-Bassin
Sables des Milles Iles Ltée, La	19, rue Dupont, Montréal	St-Henri de Mascouche
Sherbrooke, Cité de	Sherbrooke.....	Sherbrooke
Standard Lime Company Ltd. (w)....	Joliette	Ste-Émilie
Theberge, J. R., Ltée.....	Chicoutimi	Chute-des-Georges
Venne, O.	Lachenaie	Lachenaie
Ontario:		
Adams Sand & Gravel	Chatham	Harwich Tp.
Algoma Steel Corporation Limited.....	Sault Ste. Marie	East Korah Tp.
Allison, H.	Morewood	Winchester Tp.
Armstrong Bros. Const. (w)	Brampton	E. Chinguacousy Tp.
Armstrong, John	Leonard	Cumberland
Arthur, N.	Delhi	Delhi
Avondale Sand & Gravel (w)....	12 High Park Ave., Toronto	Maple
Baird Transport (w)	Claremont	Kinsale
Barnes, Wm. R., Co. Ltd. (w)....	243 Cumberland Ave., Hamilton	Hamilton
Bath, A.	Neaford	St. Vincent Tp.
Bellyou, J.	R.R. 4, Trenton	Trenton
Blake, John	453 Leslie St., Toronto	Scarborough
Bluewater Crushed Stone (w)....	Owen Sound	Amabel Tp.
Blyth, R. A. (w)....	7 St. Andrews Gardens, Toronto	Various
Bolton Construction Co.	Bolton	Peel Co.
Boyd Bros.	Osgoode	Carleton Co.
Braas Bros.	R.R. 3, Niagara Falls	Stamford Tp.
Dranton, T.J., & Co. Limited (w)....	London	Middlesex Co.
Brett's Warehouse	Box 489, Kenora	Jaffray Tp.
Brewer, R.J. (w)....	Goderich	Goderich
Buckham, J.H.	Kinburn	Fitzroy Tp.
Burford Sands (w)....	R.R. 2, Burford	Burford
Burrows, J.W.	647 Lavery St., North Bay	Widdifield Tp.
Burton, C.	64 Bartel St., Chatham	Thames River
Cadwell Marine Ltd.	Niagara Falls	Niagara River
Calaguito Bros. (w)....	Niagara Falls	Stamford Tp.
Campbell, Max	Ilderton	Lobo Tp.
Cann, Wm.	R.R. 1, Hensall	Usborne Tp.
Cardinal Construction Ltd. (w)....	Box 243, Cardinal	Various
Carpenter, G.R. (w)....	Winona	Winona
Caswell Construction Limited.....	Kirkland Lake	Matheson
Cecchetto & Sons Limited	Sudbury	Levack
Charlebois, A. (w)....	Penetang	Penetang
Chatham Sand & Gravel Co. (w)....	Chatham	Thames River
Chefero, J. (w)....	506 Westmount Ave., Toronto	Maple
Chown Limited	Kingston	Kingston
City Gravel Company	775 Algonquin Ave., North Bay	Widdifield Tp.
Clark, R.S., & Son (w)....	Ingersoll	Ingersoll
Clarkson Sand & Gravel (w)....	Clarkson	Clarkson
Closs, R.S.	Perth	Lanark Tp.
Coleman, Cameron	R.R. 2, Cornwall	Cornwall Tp.
Coleman Munro Limited (w)....	628 Pitt St., Cornwall	Moulinette
Consolidated Sand & Gravel Limited (w)....	402 Harbour Commission Bldg., Toronto	Fuller, Paris, and Waterford
Cooke, J., Ltd. (w)....	Aldershot	Aldershot
Cooper, Alf, & Company (w)....	212 Nay St. N., Fort William	Paipoonge Tp.
Cornwall Gravel Co. (w)....	Cornwall	Cornwall Tp.
Cox Construction Co. (w)....	Hillsburgh	Hillsburgh
Crosby, Wm.	Princeton	Blenheim Tp.
Croxall, E.	Brooklin	Brooklin
Cudmore's Gravel	Hensall	Usborne Tp.
Curran & Briggs Limited (w)....	61 Haverson Blvd., Toronto	Pickering Tp.
Davis, O.	Minesing	Vespra Tp.
Davy, Sidney	Severn Ridge	Rama Tp.
Dennis, C.M.	Atwood	Grey Tp.
Dixie Sand & Gravel Ltd.	21 Dundas Square, Toronto	Dixie
Doey Bros. Sand & Gravel	Cedar Springs	Cedar Springs
Dome Mines Limited	South Porcupine	Shaw Tp.
Dowler, Bert	Billings Bridge	Billings Bridge
Duff, J.C., Limited (w)....	Bolton	York Co.
Dunn, Mrs R.	Woodstock	E. Zorra Tp.
Durham Crushed Stone Ltd. (w)....	Durham	Durham
Eastern Gravel & Crushed Stone Ltd. (w)....	2319 Elgar St. W., Toronto	Dixie
Ellins Bros. (w)....	304 Scarlett Rd., Toronto 9	Toronto

List of Principal Sand and Gravel Operators, 1952 - Continued

Name of firm	Head office address	Location
Ontario - continued:		
Elliott's Cartage (w)	Kapuskasing	O'Brien Tp.
Falconbridge Nickel Mines Limited	44 King St. W., Toronto	Falconbridge Tp.
Farrish Bros.	Listowel	Listowel
Ferguson, D.	R.R. 2, Brockville	Augusta Tp.
Fewster, S.	R.R. 4, St. Marys	Oxford Co.
Fielding, C.A., Ltd.	Sudbury	Garson Tp.
Fitkin, P.	1997 Keele St., Toronto 9	Maple
Forwell Sand & Gravel Ltd. (w)	31 Whitney Place, Kitchener	Breslau and Waterloo
Foster, R.R., & Sons Ltd. (w)	86 Spadina Ave., Ottawa	Bowesville
Foy, G.C.	Wardsville	Mosa Tp.
Galbraith, Mrs. M. (w)	R.R. 2, Rodney	Rodney
Galt Sand & Gravel Co. Ltd.	Galt	Galt
Goodreau, John	Dresden	Dresden
Greenwood Construction (w)	Grand Valley	Parry Sound
Griffin Bros. (w)	Gananoque	Leeds Co.
Grimo, Frank	niagara Falls	Stamford Tp.
Guelph Sand & Gravel Limited (w)	Guelph	Wellington Co.
Guelph, City of	228 W. Gore St., Fort William	Wellington Co.
Hacquoil's Construction (w)	101 Strange St., Guelph	Stanley
Halliburton, John, Estate	38 Prescott Ave., Toronto	Guelph
Hampson Sand & Gravel	R.R. 5, Peterborough	Maple
Hargreaves, W. (w)	R.R. 1, Kingston	Monaghan N. Tp.
Harvey Construction Co. Ltd.	Blenheim	Augusta Tp.
Hawthorne Tp. (w)	Stevensville	Beaver Creek
Hawkins, L.L.	Hillsburg	Hugeway
Hayward Construction Co. (w)	Milton	Guelph Tp.
Hayward & Picket	Matheson	Nelson Tp.
Hembrough, V.M.	R.R. 5, St. Thomas	Matheson
Hepburn, M.	Highland Creek	Taymouth Tp.
Highland Creek Sand & Gravel Limited (w)	Picton	Scarborough
Hincapie Concrete Products Ltd.	Simcoe	Hallowell Tp.
Hi-Way Construction Co. Ltd.	Timmins	Woodhouse Tp.
Hollinger Consolidated Gold Mines Ltd.	Rockwood	Tisdale Tp.
Holman Construction (w)	Aldershot	Rockwood
Howard Sand & Gravel Co. Ltd. (w)	50 King St. W., Toronto	East Flamboro Tp.
Hugh-Pam Porcupine Mines Ltd.	67 Gilmour Ave., Toronto	Whitney Tp.
Industrial Sand & Gravel Co. (w)	Listowel	Glen Williams
Jackson, Mrs. R.	Bothwell	Luther W. Tp.
Jerome, A.P. (w)	Wilton Grove	Zone Tp.
Jones, J.D.	Wingham	Wilton Grove
Kerr, J.E. (w)	R.R. 3, Petrolia	Wingham
Kettle, Mrs. W.	Box 36, Oakville	Enniskillen Tp.
King Paving Co. Ltd. (w)	235 Wellington St., Kingston	Toronto Tp.
Kingston Sand & Gravel Ltd.	R.R. 3, Merlin	Glenburnie
Lake Erie Gravel Co. (w)	Kirkland Lake	Tilbury E. Tp.
Lake Shore Mines Ltd.	235 William St., Stratford	Kirkland Lake
Langdon Manufacturing Co. (w)	Lavant	Stratford
Lavant Construction Co. Ltd.	Clinton	Lanark Co.
Lavis Contracting Co.	Greenbank	Hibbert Tp.
Leask, R. (w)	49 Main St., Smiths Falls	Greenbank
Lightbody, R. (w)	London	Elmsley S. Tp.
Liley, Wm.	Geraldton	London
Little Long Lac Gold Mines Ltd.	Highland Creek	Geraldton
Lockyer & Hughes Limited	R.R. 1, Paris	Scarborough Tp.
Lyons, C.A. (w)	Markham	S. Dumfries Tp.
Markham Sand & Gravel Ltd. (w)	1067 Talbot St., London	Markham
Marshall, J.F., & Sons Ltd. (w)	226 Dover St., South Preston	Middlesex Co.
Martini, J. (w)	Timmins	Dumfries Tp.
Mascioli Construction Co. Ltd. (w)	Sioux Lookout	Tisdale Tp.
Maskerine, Wm. J.	Hanover	Sioux Lookout
Maurer & Klages	159 Rockliffe Blvd., Toronto	Grant Tp.
Maxted, F.A.	Zurich	York Tp.
McAdams, H.	Carleton Place	May Tp.
McColl, Wm.	R.R. 2, Thanesford	Lanark Co.
McCready, D.	R.R. 3, Palmerston	E. Nissouri Tp.
McDougall, A.	R.R. 4, St. Thomas	Palmerston
McLaws, M.G., & Son	Sault Ste. Marie	St. Thomas
McLean, A.B., & Son Ltd. (w)	R.R. 2, Thanesford	St. Marys River
McLellan, J.L.	R.R. 1, Byron	E. Nissouri Tp.
McRae, C. (w)	Green Valley	Byron
Menard Construction	56 Blake St., Toronto	Kenyon Tp.
Miller Paving Limited (w)	Simcoe Co.	Simcoe Co.

List of Principal Sand and Gravel Operators, 1952 — Continued

Name of firm	Head office address	Location
Ontario — concluded		
Morley, D.	R.R. 3, Ailsa Craig	McGillivray Tp.
Moyer Sand & Gravel Ltd. (w)	35 Queen St., St. Catharines	Pelham Tp.
Musselman, A.	Floradale	Floradale
Nash, J.R., & Son (w)	R.R. 2, Northwood	Harwich Tp.
National Sand & Material Co. Ltd. (w)	402 Harbour Bldg., Toronto	Lake Ontario, Lake Erie, St. Clair River and Lake Huron
Nevill, G.	R.R. 5, Aylmer	Malahide Tp.
Ninacs, G.	Niagara Falls	Stamford Tp.
Northern Sand & Gravel	177 Eyre St., Sudbury	Neelon Tp.
Norton Sand & Gravel	Claremont	Uxbridge Tp.
Ontario Sand & Gravel Co. Ltd. (w)	1211 Bathurst St., Toronto	Maple
Park Bros.	Lucan	Bridulph Tp.
Parton, A.	Parry Sound	Parry Sound
Peninsula Sand Co.	Stamford Centre	Stanford Tp.
Pioneer Construction Co. Ltd. (w)	Box 241, Sudbury	Mipissing
Preston Sand and Gravel (w)	954 Coxwell Ave., Toronto	Preston
Price, S.A.	Kemptville	Kemptville
Pyne, H. (w)	Ruggetown	Lake Erie
Quigley Construction Company Limited	Bartonville	Waterdown
Reid, W.	Varna	Varna
Roberts, F. H. (w)	Unionville	Whitchurch Tp.
Robertson, A.S.	Listowel	Malton Tp.
Robinson, F. (w)	West Lorne	Aldborough Tp.
Ross Supply & Contracting Co. Ltd.	55 Ann St., Brockville	Lyn and Maitland
Sandercock, C.	Sarnia	Sarnia Tp.
Sandy Contracting Co. Ltd. (w)	Goderich	Grey Tp.
Seegmiller, E. & E., Limited	525 Wenzell Ave., Kitchener	Waterloo Tp.
Seeley Bros. & Arnall	Dundalk	Dundalk
Sharpe Bros.	Odessa	Odessa
Shelton, R. (w)	Ingersoll	Ingersoll
Shepherdson, W.W.	New Liskeard	New Liskeard
Sherk Construction	Sherkston	Pleasant Beach
Simpson Sand Company Limited (w)	Smiths Falls	Escott Tp.
Smith Construction Co.	Arnprior	Arnprior
Snayte, C., Limited (w)	899 Jane St., Toronto 9	Toronto
Speiran, G.A.	Brussels	Grey Tp.
Spratt, G.A. (w)	Billings Bridge	Billings Bridge
Springbank Sand & Gravel Ltd. (w)	Port Credit	Toronto Tp.
Stonehouse, F.A., & Son	Sarnia	Lobo Tp.
Stouffville Sand & Gravel Ltd. (w)	Stouffville	Uxbridge Tp.
Sulley, J.	Utopia	Vespra Tp.
Superior Sand, Gravel & Supplies Ltd.	347 Bay St., Toronto	Maple
Sutherland, H.	Embro	W. Zorra Tp.
Sutherland, Wm. J.	Sold Head	Tecumseth Tp.
Teed, E.A.	Thornbury	Collingwood Tp.
Telephone City Supply Co. (w)	Brantford	Grand River
Thompson & Bailey Construction Co. (w)	Kemptville	Kemptville
Thurston, M. (w)	Sarnia	Sarnia Tp.
Timmins, Town of	Timmins	Porcupine
Todd, A. and G.	Churchill	Innisfil Tp.
Totten, L. (w)	Renfrew	Renfrew
Tout, F.	Kincardine	Kincardine
Unger, F.	Brantford	Brantford Tp.
United Towing & Salvage Co. Ltd. (w)	635 Common St., Montreal, Quebec	Lake Superior
Uren Construction Limited (w)	Orillia	Orillia
Van Alstine Construction, J.D.	Trenton	Murray Tp.
Webster Sand & Gravel Ltd. (w)	211 Scarlett Rd., Toronto	York Tp.
West, S.J.	R.R. 3, Sarnia	Sarnia Tp.
Western Sand & Gravel Ltd.	1 Parkhurst Blvd., Toronto 17	Stouffville
Willis & Parrish	Listowel	Listowel
Windsor Dock Co. Ltd.	Box 338, Windsor	Windsor
Wolfe Construction Limited	Timmins	Deloro Tp.
Woollatt Fuel & Supply Co. Ltd. (w)	2171 Ottawa St., Windsor	Leamington
Yundt & McCann	Stratford	Stratford
Yundt, B.	Stratford	Stratford
Manitoba:		
Alsip Brick, Tile & Lumber Company Ltd.	508 Portage Ave., Winnipeg	Beausejour
Becher, W.S.C., Limited	526 River Ave., Winnipeg	Springfield
Bradley, B.	Arden	Arden
Brandon, City of	Brandon	Brandon

List of Principal Sand and Gravel Operators, 1952 - Continued

Name of firm	Head office address	Location
Manitoba -concluded:		
Building Products & Coal Co. Ltd.	111 Christie St., Winnipeg	Birds Hill
Commonwealth Construction Co. Ltd.	300 Royal Bank Bldg., Winnipeg	Winnipeg
Cumming & Dobbie	233 Ninth St., Brandon	Brandon
Erven & Fraser	850 Somerset Bldg., Winnipeg	Birds Hill
Greater Winnipeg Water District	185 King St., Winnipeg	Winnipeg
Howe Sound Exploration Co. Ltd.	Snow Lake	Winnipeg
manitoba Department of Highways	Winnipeg	Winnipeg
McCurdy Supply Company Limited	Sargent & Erin Sts., Winnipeg	Various
Rosser Gravel & Sand	Rosser	Rosser
San Antonio Gold Mines Limited	237 Curry Bldg., Winnipeg	Rice Lake
Tallman Gravel & Sand Supply Ltd.	678 Dufferin Ave., Winnipeg	Winnipeg
Winnipeg, City of	223 James Ave., Winnipeg	Birds Hill
Saskatchewan:		
Baron, V.	Burstall	Burstall
Becker, Clifford E.	Nipawin	Nipawin
Bernier, W.	Flin Flon	Flin Flon
Bonn, W. (w)	135 - 14th St. W., Prince Albert	Nisbet Forest
Brandhagen, Allen	233 Lorne St. W., Swift Current	Swift Current
Breckenridge Block & Tile Ltd. (w)	Box 54, Pangman	Pangman
Collins, A.E.	Cut Knife	Cut Knife
Coulee, K.M.	Neidpath	Neidpath
Dieno, E. & J.	Leader	Leader
Fall, W.	Nipawin	Nipawin
Ferguson, Y.B.	Vesper	Vesper
Gunn, G.F.	Carrot River	Carrot River
Hannah, H.	Waitville	Waitville
Harris, S.	Kipling	Kipling
Hoodoo, R.M.	Cudworth	Cudworth
Horosko Bros.	Rosetown	Rosetown
Howard's Transfer & Excavation Co.	Swift Current	Swift Current
Rudson Bay Mining and Smelting Co. Ltd. (w)	500 Royal Bank Bldg., Winnipeg, Manitoba	Flin Flon
Latrace, H.	Box 1162, Saskatoon	Saskatoon
Masters Limited	1507 Winnipeg St., Regina	Regina
McKay, Chas.	Garrick	Garrick
Northern Gravel & Equipment Co. (w)	225 Avenue "I" N., Saskatoon	Saskatoon
Orton, Wm.	Birsay	Birsay
Pilot Butte Sand & Gravel Co. Ltd.	Pilot Butte	Pilot Butte
Sandbeck, H.	Congress	Congress
Saskatchewan Department of Highways	Regina	Various
Schnell, Frank	Torquay	Torquay
Schwartz, A.	Rhein	Rhein
Thompson, Mrs. F.	Grenfell	Grenfell
Western Sand & Gravel Co. Ltd. (w)	506 Westman Chambers, Regina	Belle Plaine
Woods, John	Pathlow	Pathlow
Wright, F.E.	Eastend	Eastend
Yeoman, P.	Lone Rock	Lone Rock
Alberta:		
Alberta Department of Highways	Edmonton	Various
Apex Building Supplies Ltd.	11239 - 83rd St., Edmonton	Edmonton
Baxter, A.G. (w)	908 - 4th Ave. W., Calgary	Calgary
Burns, J.F. (w)	213 Leeson-Lineham Bldg., Calgary	Calgary
Clarke & Sons (w)	Cochrane	Cochrane
Devon Sand & Gravel Ltd. (w)	10480 - 113th St., Edmonton	Edmonton
Jefferies & Sons Limited (w)	Calgary	Calgary
O.K. Construction & Supply Co. Ltd. (w)	9531 - 111th Ave., Edmonton	Edmonton
Smith Construction Ltd. (w)	10358 - 77th Ave., Edmonton	Edmonton
British Columbia:		
Abbotsford Gravel Sales Ltd. (w)	508 Hornby St., Vancouver	Abbotsford
Armour Salvage (1949) Ltd.	Prince Rupert	Cassier
Border Sand & Gravel (w)	White Rock	New Westminster Tp.
Britannia Mining & Smelting Co. Ltd.	Britannia Beach	Britannia Beach
British Columbia Department of Highways	Victoria	Various
Chilliwack, City of	Chilliwack	Chilliwack
Colebrook Sand & Gravel Co.	Cloverdale	Cloverdale



List of Principal Sand and Gravel Operators, 1952 - Concluded

Name of firm	head office address	Location
British Columbia -concluded:		
Columbia Bitulithic Ltd. (w)	Granville Island	Granville Island
Consolidated Mining & Smelting Company of Canada Limited (w)	Trail	Chapman and Kimberley
Courtenay Sand & Gravel Co. Ltd. (w)	520 Duncan Ave., Courtenay	Courtenay
Cranbrook, City of (w)	Cranbrook	Cranbrook
Deeks Sand & Gravel Co. Ltd. (w)	1051 Main St., Vancouver	Port Coquitlam
Delta, Corporation of	Ladner	New Westminster
Dolan's Limited (w)	Alberni	Alberni
Fernie, City of	Fernie	Fernie
Gilley Bros. Limited (w)	902 Columbia St., New Westminster	New Westminster
Gosling, D.F., Gravel Sales (w)	Abbotsford	Abbotsford
Highland Sand & Gravel Company Ltd. (w)	Lynnmoor	Lynnmoor
Hillside Sand & Gravel (w)	1075 Main St., Vancouver	Hillside
Kamloops, City of (w)	288 - First Ave., Kamloops	Kamloops
Langley, Corporation of (w)	Murrayville	Murrayville
McArdle, J.T.	Royal Oak, Saanich	Saanich
McIntosh, A.	Rianey	Albion
McIntyre & Harding Gravel Co. Ltd. (w)	Royal Oak, Saanich	Saanich
Nelson, City of (w)	501 Front St., Nelson	Nelson
Penticton, City of	Penticton	Penticton
Pioneer Cement Works (w)	Vernon	Vernon
Pitkethly Brothers Limited (w)	3699 Angus Drive, Vancouver	Vancouver
Port Alberni, City of (w)	Port Alberni	Port Alberni
Producers Sand & Gravel Co. (1929) Limited	900 Wharf St., Victoria	Royal Bay
Revelstoke, City of	Revelstoke	Revelstoke
Saanich, Corporation of	Royal Oak, Saanich	Saanich
Stone & Webster Canada Ltd.	Trail	Trail
Surrey, Corporation of	Cloverdale	Cloverdale
Taylor, E.R., Construction Co. Ltd.	8699 Hudson St., Vancouver	New Westminster
Trail, City of	Trail	Trail
Tremblay, L.	Dawson Creek	Dawson Creek
Vancouver & Districts	1303 Sun Bldg., Vancouver	Coquitlam
West Kootenay Power & Light Co. Ltd.	Trail	Trail

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