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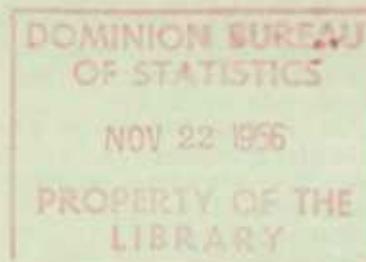
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THE SAND AND GRAVEL INDUSTRY

1955



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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 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 1955

The commercial sand and gravel produced in 1955 amounted to 127,524,474 short tons valued at \$67,775,053 compared with 110,961,034 tons worth \$58,987,671 in the preceding year. These totals include sand and gravel used by railroads as ballast, gravel used by mines as back fill and sand recovered by dredges, as well as similar materials from other sources.

Sand and gravel production in Ontario, amounting to 51,488,067 tons in 1955, was 11 per cent higher than in 1954; in Quebec the output of 36,722,008 tons showed an increase of 22 per cent.

Sand and gravel plants in Canada washed or screened 19,679,829 tons in 1955 compared with

18,235,951 tons in 1954 and the bank or pit-run grades amounted to 107,844,645 tons compared with 92,725,083 tons in 1954.

The industry employed an average of 4,360 persons to whom \$14,442,413 were paid as salaries and wages. Fuel cost \$2,327,609 and 19,910,164 kwh. of electricity were purchased for \$307,798. Process supplies were valued at \$723,540.

Imports of sand and gravel in 1955 were 259,408 tons valued at \$274,820 and the exports were 336,304 tons valued at \$383,445.

TABLE 1. Principal Statistics for the Sand and Gravel Industry, Significant Years, 1921-1955

Year	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of process supplies	Gross selling value of products	Net value of production
							\$
1921	N.A.	655	454,910	65,382	N.A.	1,393,324	N.A.
1929	2,598	1,941	1,902,452	285,491	N.A.	5,959,420	N.A.
1931	3,185	2,985	2,647,755	292,892	N.A.	6,110,059	N.A.
1933	4,533	2,632	1,142,035	129,410	N.A.	4,341,665	N.A.
1937	7,373	6,084	3,468,471	232,169	63,179	10,492,696	10,197,348
1939	6,137	5,945	3,842,148	195,444	79,065	10,772,215	10,497,706
1941	5,309	3,072	2,790,376	389,643	85,004	9,553,934	9,079,287
1944	5,271	1,773	2,261,530	333,259	58,479	9,244,187	8,852,449
1946	5,167	2,793	3,413,876	501,467	78,022	14,651,933	14,072,444
1949	6,838	3,863	7,147,334	1,183,471	316,693	29,992,795	28,492,631
1951	7,455	4,060	9,904,254	1,793,551	516,258	43,226,982	40,917,173
1952	8,077	4,185	11,655,036	1,916,607	756,638	49,567,031	46,893,786
1953	7,485	4,377	12,610,734	2,165,707	1,360,545	51,481,052	47,954,800
1954	7,751	4,437	12,933,759	2,371,970	712,905	56,424,159	53,339,284
1955	7,872	4,360	13,710,629	2,635,407	723,540	65,422,646	62,063,699

TABLE 2. Principal Statistics¹ for the Sand and Gravel Industry, by Provinces, 1954 and 1955

Province	Establishments	Employees	Earnings	Cost of fuel and electricity	Cost of process supplies	Gross value of products sold during year (f.o.b. works)	Net ² value of production
	No.	No.	\$	\$	\$	\$	\$
1954							
Newfoundland	909	421	1,327,318	14,790	43,517	1,001,011	942,704
Nova Scotia	472	227	430,820	18,782	3,500	1,291,757	1,269,475
New Brunswick	303	143	320,790	8,130	1,100	1,663,850	1,654,620
Quebec	3,602	1,227	3,556,722	229,811	60,580	12,237,631	11,947,240
Ontario	1,205	1,752	5,241,906	1,708,340	363,101	26,263,086	24,191,645
Manitoba	176	178	392,777	113,343	26,320	1,790,235	1,650,572
Saskatchewan	254	119	454,584	63,653	148,991	1,888,778	1,676,134
Alberta	119	75	229,124	50,654	14,736	4,428,248	4,362,858
British Columbia	711	295	979,718	164,467	51,060	5,859,563	5,644,036
Total	7,751	4,437	12,933,759	2,371,970	712,905	56,424,159	53,339,284
1955							
Newfoundland	931	404	1,556,321	16,330	48,483	1,637,419	1,572,606
Nova Scotia	348	157	336,039	21,271	7,328	1,145,023	1,116,424
New Brunswick	354	146	421,010	8,164	1,300	2,619,518	2,610,054
Quebec	3,737	1,332	3,934,097	359,983	126,188	14,815,223	14,329,052
Ontario	1,244	1,700	5,304,125	1,818,053	245,243	29,552,546	27,489,250
Manitoba	214	134	433,932	93,249	39,426	1,364,012	1,231,337
Saskatchewan	240	109	467,554	69,912	146,859	2,069,244	1,852,473
Alberta	137	53	169,617	43,614	9,182	5,502,027	5,449,231
British Columbia	667	325	1,087,934	204,831	99,531	6,717,634	6,413,272
Total	7,872	4,360	13,710,629	2,635,407	723,540	65,422,646	62,063,699

1. Does not include data on sand and gravel produced by railroads. In 1955 the railroads' production, by 13 operators, was 5,638,879 tons valued at \$2,352,407. Salaries and wages paid to workers at these pits were \$731,784 for the year. In 1954 the railroads' production, by 13 operators, was 6,596,686 tons valued at \$2,563,512 and salaries and wages totalled \$784,092.

2. Gross value less cost of fuel and electricity and process supplies.

TABLE 3. Production¹ of Sand and Gravel, 1946-1955

Year	Tons	Value
		\$
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	31,181,541
1950	73,095,163	36,434,759
1951	92,972,821	44,627,559
1952	102,895,545	51,339,043
1953	101,033,949	53,485,401
1954	110,961,034	58,987,671
1955	127,524,474	67,775,053

1. Does not include production of natural silica sand nor of silica sand manufactured from quartz or silica rock; production of these is recorded under quartz.

TABLE 4. Production of Sand and Gravel, by Kinds, 1954 and 1955

	Washed or screened	Bank or pit-run	Total value
	tons		\$
1954			
Production ¹ :			
Sand:			
Moulding sand	12,494	5,837	48,544
Building sand and sand for concrete, road-work, etc.	5,888,992	3,072,386	6,950,734
Core sand	126	458	1,667
Other sand (including blast sand, engine sand, etc.).....	60,015	314,105	134,728
Sand and gravel:			
Sand and gravel for railway ballast.....	194,733	5,888,377	2,433,413
Sand and gravel for concrete, road-building, etc.	6,606,645	67,293,186	35,652,959
Mine and other fill	13,553	4,392,099	1,345,235
Crushed gravel	5,459,393	11,758,635	12,420,391
Total	18,235,951	92,725,083	58,987,671
1955			
Production ¹ :			
Sand:			
Moulding sand	14,328	1,510	43,468
Building sand and sand for concrete, road-work, etc.	8,248,328	4,092,724	9,879,011
Core sand	22	273	981
Other sand (including blast sand, engine sand, etc.).....	170,059	256,941	219,050
Sand and gravel:			
Sand and gravel for railway ballast.....	142,853	4,986,861	1,711,776
Sand and gravel for concrete, road-building, etc.	6,576,128	77,365,389	40,245,390
Mine fill	132,635	5,117,225	1,467,341
Crushed gravel	4,395,476	16,023,722	14,208,036
Total	19,679,829	107,844,645	67,775,053

1. Does not include production of natural silica sand nor 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 5. Production¹ of Sand and Gravel, by Provinces, 1953-1955

Province	1953	1954	1955
Newfoundland	tons	1,908,187	2,105,522
	\$	1,023,622	1,096,883
Nova Scotia	tons	1,523,083	1,330,979
	\$	1,459,770	1,297,693
New Brunswick	tons	2,648,235	3,528,318
	\$	1,282,421	1,832,299
Quebec	tons	26,694,125	30,052,887
	\$	11,630,482	12,985,931
Ontario	tons	43,658,099	46,433,191
	\$	24,359,496	26,577,612
Manitoba	tons	4,686,323	4,831,716
	\$	1,524,629	2,084,367
Saskatchewan	tons	4,770,368	5,211,429
	\$	2,216,894	2,055,766
Alberta	tons	7,651,261	7,313,380
	\$	5,097,720	4,867,410
British Columbia	tons	7,494,268	10,153,612
	\$	4,890,367	6,189,710
Canada	tons	101,033,949	110,961,034
	\$	53,485,401	58,987,671
			127,524,474
			67,775,053

1. Includes sand and gravel produced by railroads and dredgers.

TABLE 6. Production of Washed or Screened and Pit-run Grades, by Provinces, 1955

Province	Washed or screened	Bank or pit-run	Total	Total
	tons	tons	tons	\$
Newfoundland	50,464	3,091,762	3,142,226	1,660,984
Nova Scotia	221,833	934,877	1,156,710	1,148,245
New Brunswick	58,050	5,673,785	5,731,835	2,942,830
Quebec	3,009,280	33,712,728	36,722,008	15,346,416
Ontario	12,705,405	38,782,662	51,488,067	29,945,730
Manitoba	255,992	5,016,684	5,272,676	1,571,103
Saskatchewan	155,808	4,883,874	5,039,682	2,320,260
Alberta	342,967	7,476,966	7,819,933	5,894,341
British Columbia	2,880,030	8,271,307	11,151,337	6,945,144
Total	19,679,829	107,844,645	127,524,474	67,775,053

TABLE 7. Production for Building and for Concrete, Roads, etc., by Provinces, 1955

	Sand		Sand and gravel			
	For building, concrete, roads, etc. ¹		For railway ballast		For concrete, roads, etc.	
	tons	\$	tons	\$	tons	\$
Newfoundland	—	—	66,332	17,374	3,052,170	1,638,039
Nova Scotia	40,827	16,746	31,935	11,558	989,122	1,041,765
New Brunswick	—	—	147,413	21,839	4,712,513	2,370,717
Quebec	4,023,706	1,852,456	547,665	180,833	22,162,647	6,688,928
Ontario	7,480,600	7,243,990	1,970,603	571,447	29,882,476	15,211,853
Manitoba	183,225	126,034	762,564	199,385	3,936,375	1,008,695
Saskatchewan	109,235	80,337	501,263	179,457	3,299,226	1,610,912
Alberta	84,685	197,136	611,581	316,731	6,780,594	4,903,972
British Columbia	418,774	362,312	490,358	213,152	9,126,394	5,770,509
Canada	12,341,052	9,879,011	5,129,714	1,711,776	83,941,517	40,245,390

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

TABLE 8. Production of Moulding and Core Sand and Crushed Gravel, by Provinces, 1955

Province	Moulding sand and core sand		Crushed gravel	
	tons	\$	tons	\$
Newfoundland	—	—	—	—
Nova Scotia	563	2,718	94,263	75,458
New Brunswick	—	—	869,830	549,966
Quebec	—	—	9,279,173	6,383,733
Ontario	15,270	41,401	8,394,192	5,815,305
Manitoba	300	330	381,598	229,999
Saskatchewan	—	—	391,809	166,466
Alberta	—	—	342,992	476,262
British Columbia	—	—	665,341	510,847
Canada, 1955	16,133	44,449	20,419,198	14,208,036
Canada, 1954	18,915	50,211	17,218,028	12,420,391

TABLE 9. Employees and Their Earnings in the Sand and Gravel Industry, 1951-1955

Year	Number of employees						Number of man-hours worked (all employees)	Earnings		
	Office and administrative		Workmen		Total	Office and adminis- trative	Workmen	Total		
	Male	Female	Male	Female		\$	\$	\$		
1951	226	57	3,759	18	4,060	11,138,500	893,358	9,010,896	9,904,254	
1952	231	67	3,871	16	4,185	12,155,010	1,011,295	10,643,741	11,655,036	
1953	274	67	4,020	16	4,377	11,852,130	1,096,013	11,514,721	12,610,734	
1954	282	62	4,078	15	4,437	12,248,930	1,129,429	11,804,330	12,933,759	
1955	287	54	4,010	9	4,360	13,020,825	1,203,165	12,507,464	13,710,629	

TABLE 10. Workmen¹ in the Sand and Gravel Industry, by Months, 1954 and 1955

Month	1954			1955		
	Male	Female	Total	Male	Female	Total
January	1,331	8	1,339	1,411	5	1,416
February	1,355	8	1,363	1,380	5	1,385
March	1,523	10	1,533	1,576	5	1,581
April	2,474	13	2,487	2,307	7	2,314
May	8,125	18	8,143	8,290	11	8,301
June	8,518	18	8,536	8,631	11	8,642
July	7,937	18	7,955	7,905	11	7,916
August	4,681	18	4,699	4,320	11	4,331
September	4,592	18	4,610	4,296	11	4,307
October	3,159	17	3,176	2,993	11	3,004
November	2,897	14	2,911	2,577	11	2,588
December	2,098	10	2,108	2,036	7	2,043
Average	4,078	15	4,093	4,010	9	4,019
Man-hours worked			11,414,934			12,179,922

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 1955 the combined amount paid by railroads to contractors and wages paid railroad employees for the production of sand and gravel totalled \$731,784.

List of Principal Sand and Gravel Operators, 1955

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:		
Acadia Construction Limited (w)	14 Dufferin St., Bridgewater	Various
Atlantic Construction Company (w)	163 Upper Water St., Halifax	Richmond Co.
Crockett, V.B.	Wallace	Belmont
Nova Scotia Department of Highways	Halifax	Various

List of Principal Sand and Gravel Operators, 1955 — Continued

Name of firm	Head office address	Location
Nova Scotia — concluded:		
Rayner Construction Ltd. (w)	29 Commercial Road, Leaside, Ontario	Debert
Tidewater Construction Co. Ltd.	Box 450, New Glasgow	New Glasgow
Withrow, H.L.	Elmsdale	Belnan
New Brunswick:		
Dexter Construction Co. Ltd.	Lancaster	Lancaster
Likely, Jos. A., Ltd. (w)	Box 518, Saint John	East Saint John
Maxwell, Elmer	St. Stephen	Charlotte County
New Brunswick Department of Highways	Fredericton	Various
Quebec:		
Allen, W.	St-Henri de Lévis	Lévis Co.
Asbestos Corporation Limited	Thetford Mines	Thetford Mines
Baillargeon, Philippe (w)	22, rue Montcalm, Iberville	Ste-Philomène and Mont-St-Grégoire
Belleterre Quebec Mines Limited	25 King St. W., Toronto, Ontario	Guillet Twp.
Boucher, J.L. (w)	St-Georges	Vallée Junction
Bradouca Construction Ltée	St-Marc des Carrières	Portneuf Co.
Brique du Nord Limitée, La (w)	Rouyn	Rouyn
Canadian Johns-Manville Co. Ltd.	1062 Sun Life Bldg., Montreal	Shipton
Carrière Grand'Mère	Grand'Mère	Grand'Mère
Casaubon, N.	St-Edouard	St-Edouard
Chabot, Bernard	St-Jean-Baptiste	St-Jean-Baptiste
Charbonneau, T. & V.	Piedmont	Terrebonne 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
Des Marais, Mme. (w)	St-Félix de Valois	St-Félix de Valois
Dulude Transport Ltée	St-Bruno	St-Bruno
East Malartic Mines Limited	355 St. James St. W., Montreal	Fournier Twp.
Fortin & Frère	Hemmingsford	Valleyfield, St-Stanislas, and Ormstown
Gagnon & Fils Ltée	Ste-Thérèse	Ste-Thérèse
Goyer, Edouard, & Frère	St-Bruno	St-Bruno and St-Hilaire
Hains, A., Limitée	837, ave Royale, Beauport	Ste-Thérèse-de-Lisieux
Huet Sand & Gravel	7972, rue Casgrain, Montreal	Pointe Calumet
Hydro Québec	107, rue Craig, Montréal	Rouyn, Noranda
Laberge, E.	Ste-Foy	Ste-Foy
Laberge & Frères Ltée	Ste-Martine	Chateauguay Co.
Lainesse, R.	Tracy	Tracy
Lake Sand & Gravel Ltée	1340 Chemin Regent, Mont Royal	St-Eustache
LaSalle Asphalté Ltée	Ave du Parc, Pont de Québec	Pont de Québec
Magog, City of	Magog	Magog
Malartic Gold Fields Limited	355 St. James St. W., Montreal	Abitibi
Marchand & Frère	505 — 1081ème rue, Shawinigan Falls	Mont-Carmel
Mascouche Sand & Construction Limited	11501 est, rue Notre-Dame, Montréal	Mascouche
Modern Paving (Quebec) Limited	Bon Conseil	Ste-Clothilde de Horton
Mondoux, N.	St-Nazaire, Bagot	Bagot Granton
Mount Royal Paving & Supplies Limited (w)	6301 Park Ave., Montreal 15	Charette and St-Gabriel
Normetal Mining Corporation Limited	350 Bay St. W., Toronto 1, Ontario	Abitibi
Ok a Sand & Gravel Inc.	2201 Chemin St. Michel, Montreal	Lac des Deux-Montagnes
Ouellet, Lucien	Ste-Foy	Ste-Foy
Pic Construction Co. Ltée	Arvida	Bagotville
Picotte, M.	Bonsecours	Shefford Co.
Pine Beach Sand Limited	2345, rue St-Zotique, Montréal	St-Eustache
Potvin & Brosseau Enrg.	Granby	Granby
Quemont Mining Corporation Limited	44 King St. W., Toronto 1, Ontario	Rouyn
Raché, E.	Ville de Lery, Québec	Richelieu Co.
Rigaud Sand & Gravel Reg'd.	Rigaud	Rigaud
Rimouski, Ville de	Rimouski	Rimouski
Robert, R., Enrg.	929, ave Royale, Beauport	Ste-Thérèse
Rochon, A.R.	St-Jérôme	St-Jérôme
Rouland-a-Sable & Gravier Ltée	Rouyn	Rouyn
St-Hilaire, N., Inc.	New Liverpool	Chaudière-Bassin
St. John's Ready Mix Co. Ltd.	Saint-Jean	St-Grégoire
Sables des Milles Iles Ltée, Les	19, rue Dupont, Montréal	St-Henri de Mascouche
Sables Shawinigan Sand Inc. (w)	Charette	Charette
Sherbrooke, Cité de	Sherbrooke	Sherbrooke

List of Principal Sand and Gravel Operators, 1955 — Continued

Name of firm	Head office address	Location
Quebec — concluded:		
Standard Lime Company Ltd. (w)	Joliette	Ste-Emélie
Theberge, J.R., Ltée	Chicoutimi	Chute-des-Georges
Two Mountains Sand Co. Ltd.	1539 Crescent St., Montreal	Pointe Calumet
Venne, O.	Lachenaie	Lachenaie
Voisine, S. (w)	Notre-Dame d'Iberville	Lac St-Jean
Ontario:		
Adams Sand & Gravel (w)	Chatham	Harwich Twp.
Allison, H.	Morewood	Winchester Twp.
Armstrong Bros. Co. Ltd. (w)	Brampton	E. Chinguacousy Twp.
Arthur, N.	Delhi	Delhi
Axford, K.R.	St. Thomas	St. Thomas
Baillie W. (w)	Stroud	Lake Simcoe
Bannerman, H.H.	Kincardine	Kinloss Twp.
Barclay Transport (w)	Clemont	Kinsale
Barnes, Wm. R., Co. Ltd. (w)	243 Cumberland Ave., Hamilton	Hamilton
Bell, W.J., & Son Construction Co. Ltd.	Stittsville	Stittsville
Bellyou, N.E.	Trenton	Trenton
Birtch, J.A.	Richmond	Nepean Twp.
Blair, E.L.	Moose Creek	Moose Creek
Blair, M.	Arnprior	Fitzroy Twp.
Blake, John, Sand & Gravel Ltd.	West Hill	West Hill
Elyth, R.A. (w)	7 St. Andrews Gardens, Toronto	Various
Boyd Bros.	Osgoode	Carleton Co.
Braas Bros.	R.R. 3, Niagara Falls	Stamford Twp.
Branton, T.J., & Co. Limited (w)	London	Middlesex Co.
Brett's Warehouse	Box 489, Kenora	Jaffray Twp.
Brewer, R.J. (w)	Goderich	Goderich
Buckham, J.H.	Kinburn	Fitzroy Twp.
Burford Sands (w)	R.R. 2, Burford	Burford
Burrows, J.W.	647 Lavery St., North Bay	Widdifield Twp.
Cadwell Marine Ltd. (w)	Niagara Falls	Niagara River
Calaguero Bros. (w)	Niagara Falls	Stamford Twp.
Caland Ore Co. Ltd.	Atikokan	Rainy River
Campbell, Max	Ilderton	Lobo Twp.
Cann, Wm.	R.R. 1, Hensall	Usborne Twp.
Cardinal Construction Ltd. (w)	Box 243, Cardinal	Various
Carpenter, G.R. (w)	Winona	Winona
Cecchetto & Sons Limited	Sudbury	Levack
Charlebois, A. (w)	Penetang	Penetang
Chatham Sand & Gravel Co. (w)	Chatham	Thames River
Chefero, J., Sand & Gravel Ltd. (w)	506 Westmount Ave., Toronto	Maple
City Gravel Company (w)	775 Algonquin Ave., North Bay	Widdifield Twp.
Clarkson Sand & Gravel (w)	Clarkson	Clarkson
Closs, R.S.	Perth	Lanark Twp.
Coleman Munro Limited (w)	628 Pitt St., Cornwall	Moulinette
Consolidated Sand & Gravel Limited (w)	402 Harbour Commission Bldg., Toronto	Paris, West Parls and Waterford
Cooke, J., Ltd. (w)	Aldershot	Aldershot
Cooper, Alf., & Company (w)	212 May St. N., Fort William	Paipoonge Twp.
Cornwall Gravel Co.	Cornwall	Cornwall Twp.
Cox Construction Co. (w)	Hillsburgh	Hillsburgh
Crestline Contracting Co. Ltd.	Downsview	Woodbridge and Stouffville
Crosby, Wm.	Princeton	Blenheim Twp.
Croxall, E.	Brooklin	Brooklin
Cudmore's Gravel	Hensall	Usborne Twp.
Curran & Briggs Limited (w)	61 Haverson Blvd., Toronto	Pickering Twp.
Davis, O.	Minesing	Vespra Twp.
Davy, Sidney	Severn Bridge	Rama Twp.
Dennis, C.	Atwood	Atwood
Devereux, J.	672 Colborne St., Brantford	Brantford
Devillers, P.	724 Front St., North Bay	Widdifield Twp.
Dinnick, G. (w)	Orangeville	Orangeville
Dixie Sand & Gravel Ltd. (w)	21 Dundas St., Toronto	Cooksville
Dobbs, R.	Damascus	Wellington Co.
Dobie, Mrs. D. (w)	Port Colborne	Humberstone Twp.
Dome Mines Limited	South Porcupine	Shaw Twp.
Donegan, H. (w)	Listowel	Listowel
Doughty, T.F. (w)	Peterborough	Smith Twp.
Douglas, S.M.	Smiths Falls	Leeds Co.
Dowler, Bert	Billings Bridge	Billings Bridge
Drury Construction Co. Ltd. (w)	Arthur	Arthur
Duff, J.C., Limited (w)	Bolton	York Co.

List of Principal Sand and Gravel Operators, 1955 — Continued

Name of firm	Head office address	Location
Ontario — continued:		
Dunn, Mrs. R.	Woodstock	E. Zorra Twp.
Durham Crushed Stone Ltd. (w)	Durham	Durham
Eastern Gravel & Crushed Stone Ltd. (w)	2319 Bloor St. W., Toronto	Dixie
Ellis, W.J., & Son	Komoka	Komoka
Ennis, J. & B., Sand & Gravel	Orillia	Orillia
Falconbridge Nickel Mines Limited	44 King St. W., Toronto	Falconbridge Twp.
Ferguson, D.	R.R. 2, Brockville	Augusta Twp.
Finch W., & Sons	Bracebridge	Bracebridge
Fisher Construction Ltd. (w)	140 Douglas St., Sudbury	Garson Twp.
Flamboro Sand and Gravel (w)	Dundas	Flamboro Twp.
Forbes Construction	Lion's Head	Eastnor Twp.
Forwell Sand & Gravel Ltd. (w)	31 Whitney Place, Kitchener	Breslau and Waterloo
Foster, R.R., & Sons Ltd. (w)	86 Spadina Ave., Ottawa	Bowesville
Foxboro Sand & Gravel (w)	Woodbridge	Foxboro
Foy, G.C.	Wardsville	Mosa Twp.
Frazer Duntile Co. Ltd.	130 Sparks St., Ottawa	Bell's Corners
Galbraith, Mrs. M. (w)	R.R. 2, Rodney	Rodney
Gauthier Contracting Co. Ltd.	Porcupine	Murphy Twp. and McGarry Twp.
Geco Mines Limited (w)	44 King St. W., Toronto 1	Thunder Bay
General Aggregates Ltd. (w)	Oshawa	Oshawa
Glendale Sand & Stone Ltd.	R.R. 1, London	Dorchester Twp.
Goldthorpe, B.	155 Bruce St., Goderich	Goderich
Goodreau, John	Dresden	Dresden
Gould, A. (w)	Renfrew	Renfrew
Grace, Charles, Limited	Sarnia	Sarnia
Greenley, W.R.	Harriston	Harriston
Greenwood Construction (w)	Grand Valley	Parry Sound
Griffin Bros. (w)	Gananoque	Leeds Co.
Grimo, Frank	Niagara Falls	Stamford Twp.
Guelph Sand & Gravel Limited (w)	Guelph	Wellington Co.
Hacquoil's (w)	228 W. Gore St., Fort William	Stanley
Halliburton, John, Estate	101 Strange St., Guelph	Guelph
Hampson Sand & Gravel	38 Prescott Ave., Toronto	Maple
Hargreaves, W. (w)	R.R. 5, Peterborough	Monaghan N. Twp.
Harwich Twp. (w)	Blenheim	Beaver Creek
Hayward Construction Co. (w)	Hillsburg	Guelph Twp.
Hayward & Picket	Milton	Nelson Twp.
Hembruff, V.M.	Matheson	Matheson
Highland Creek Sand & Gravel Limited (w)	Highland Creek	Scarborough
Hince Concrete Products Ltd.	Picton	Hallowell Twp.
Hi-Way Construction Co. Ltd.	Simcoe	Woodhouse Twp.
Hoffer, E.S., & Sons	Elmira	Woolwich Twp.
Holden Sand & Gravel Ltd. (w)	42 Industrial St., Toronto	Niagara River
Hollinger Consolidated Gold Mines Ltd.	Timmins	Tisdale Twp.
Holman Construction Ltd.	Rockwood	Rockwood
Hydro Electric Power Commission of Ontario	620 University Ave., Toronto	Various
Industrial Sand & Gravel Co. (w)	67 Gilmour Ave., Toronto	Glen Williams
James, G., & Son	Arnprior	Fitzroy Twp.
Jennison, R.H. (w)	Grand Bend	Middlesex Co.
Jerome, A.P. (w)	Bothwell	Zone Twp.
Jones, J.D.	Wilton Grove	Wilton Grove
Juniper's Haulage & Excavating (w)	Meaford	St. Vincent Twp.
Kemsley Construction Ltd.	1190 Errol Rd. E., Sarnia	Sarnia
Kerr, J.E.	Wingham	Wingham
Kettle, Mrs. W.	R.R. 3, Petrolia	Enniskillen Twp.
King, E.C., Contracting Ltd. (w)	356-9th St. W., Owen Sound	Grey Co.
Kingston Sand & Gravel Ltd.	235 Wellington St., Kingston	Glenburnie
Lake Erie Gravel Co. (w)	R.R. 3, Merlin	Tilbury E. Twp.
Lake Shore Mines Ltd.	Kirkland Lake	Kirkland Lake
Lake, Jack, Construction Ltd.	1033 Pine St., London	London
Langdon Manufacturing Co. (w)	235 William St., Stratford	Stratford
Lavant Construction Co. Ltd.	Lavant	Lanark Co.
Lavis Contracting Co.	Clinton	Hibbert Twp.
Leask, R. (w)	Greenbank	Greenbank
Lee Sand & Gravel Ltd. (w)	60 McRoberts Ave., Toronto	Whitchurch Co.
Lightbody, R. (w)	49 Main St., Smiths Falls	Elmsley S. Twp.
Liley, Wm.	London	London
Lorne Park Sand & Gravel Ltd. (w)	Weston	Weston
MacDonald, Miss J. (w)	Lowbanks	Lowbanks
Marden Sand & Gravel (w)	Guelph	Guelph
Markham Sand & Gravel Ltd. (w)	Markham	Markham
Marshall Sand & Gravel (w)	36 Aileen Ave., Toronto	Toronto
Marshall, K.F. (w)	London	Middlesex Co.

List of Principal Sand and Gravel Operators, 1955 - Continued

Name of firm	Head office address	Location
Ontario - continued:		
Marshall, J.F., & Sons Ltd. (w)	1067 Talbot St., London	Middlesex Co.
Martin & Dayman	Drumbo	Blenheim Twp.
Martin, Harold, Construction Ltd. (w)	New Lowell	New Lowell
Martini, J. (w)	226 Dover St., South Preston	Dumfries Twp.
Mascioli Construction Co. Ltd. (w)	Timmins	Tisdale Twp.
Maskerine, Wm. J.	Sioux Lookout	Sioux Lookout
Maurer & Klages	Hanover	Brant Twp.
Mc Adams, H.	Zurich	Hay Twp.
McColl, Wm.	Carleton Place	Lanark Co.
McDougall, A.	R.R. 3, Palmerston	Palmerston
McKay, Don	Bridgenorth	Smith Twp.
McLaws Gravel & Crushing Ltd.	R.R. 4, St. Thomas	St. Thomas
McLean, A.B., & Son Ltd. (w)	Sault Ste. Marie	St. Marys River
McLellan, J.L.	R.R. 2, Thamesford	E. Nissouri Twp.
McRae, C. (w)	R.R. 1, Byron	Byron
Menard Construction	Green Valley	Kenyon Twp.
Metcalfe's Construction	Almonte	Almonte
Miller Paving Limited (w)	56 Blake St., Toronto	Simcoe Co.
Mills, C. (w)	Bowmanville	Bowmanville
Mills, M.	Petrolia	Enniskillen Twp.
Moore & Quinn	Smooth Rock Falls	Haggart Twp.
Morley, D.	R.R. 3, Ailsa Craig	McGillivray Twp.
Moyer Sand & Gravel Ltd. (w)	35 Queen St., St. Catharines	Pelham Twp.
Musselman, A.	Floradale	Floradale
Nash, J.R., & Son (w)	R.R. 2, Northwood	Harwich Twp.
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 Twp.
Nichols, E. (w)	Delhi	Delhi
Northern Sand & Gravel Co.	177 Eyre St., Sudbury	Neelon Twp.
Norton Sand & Gravel	Clarendont	Uxbridge Twp.
Ontario Sand & Gravel Co. Ltd. (w)	1205 Bathurst St., Toronto	Maple
Oshawa Sand & Gravel	Oshawa	Oshawa
Parton, A.	Parry Sound	Parry Sound
Peel Sand & Gravel Ltd.	Dixie	Dixie
Peninsula Sand Co.	Stamford Centre	Stamford Twp.
Pioneer Construction Co. Ltd. (w)	Box 241, Sudbury	Nipissing
Pleasure Valley Const. Co. Ltd. (w)	Oshawa	East Whitby Twp.
Preston Sand and Gravel (w)	954 Coxwell Ave., Toronto	Preston
Price, S.A.	Kemptville	Kemptville
Pyne, H. (w)	Ridgeview	Lake Erie
Radford, G. (w)	Blyth	Blyth
Red-D-Mix Concrete (Hamilton) Ltd. (w)	Hamilton	London Twp.
Regan's Sand & Gravel (w)	Highland Creek	Scarborough Twp.
Reid, W.	Varna	Varna
Roberts, F.H. (w)	Unionville	Whitchurch Twp.
Robertson, A.S.	Listowel	Halton Twp.
Ross Supply & Contracting Co. Ltd.	55 Ann St., Brockville	Lyn and Maitland
Sage, E.F., & Son	R.R. 5, London	London Twp.
Sandy Contracting Co. Ltd. (w)	Goderich	Grey Twp.
Saugeen Spraying Co. Ltd. (w)	Durham	Glenelg Twp.
Schneider Sand & Gravel	63 West Ave., Kitchener	Petersburg
Scott-Jackson Construction Ltd. (w)	501 Evans Ave., Toronto 14	Caledon Twp.
Seegmiller, E. & E., Limited	525 Wendell Ave., Kitchener	Waterloo Twp.
Seeley Bros. & Arnill	Dundalk	Dundalk
Sharpe Bros.	Odessa	Odessa
Shelton, R.	Ingersoll	Ingersoll
Shepherdson, W.W.	New Liskeard	New Liskeard
Sherk Construction Limited (w)	Sherkston	Pleasant Beach
Simpson Sand Company Limited (w)	Smiths Falls	Escott Twp.
Smiths Construction Co. Ltd. (w)	Arnprior	Arnprior
Smythe, C., Limited (w)	899 Jane St., Toronto 9	Toronto
South Mountain Construction (w)	South Mountain	South Mountain
Speiran, G.A.	Brussels	Grey Twp.
Spinks Gravel Ltd. (w)	Leamington	Gosfield S. Twp.
Spooner, A.	Glenburnie	Kingston Twp.
Spratt, G.H. (w)	Billings Bridge	Billings Bridge
Springbank Sand & Gravel Ltd. (w)	Port Credit	Toronto Twp.
Standard Paving Ltd.	402 Harbour Bldg., Toronto	Various
Stewart & Broad Construction Co. Ltd. (w)	Prescott	Prescott
Stonehouse, F.A., & Son	Sarnia	Lobo Twp.
Storms Contracting Co. Ltd. (w)	1 Copeland St., Toronto	Various
Stouffville Sand & Gravel Ltd. (w)	Stouffville	Uxbridge Twp.

List of Principal Sand and Gravel Operators, 1955 — Continued

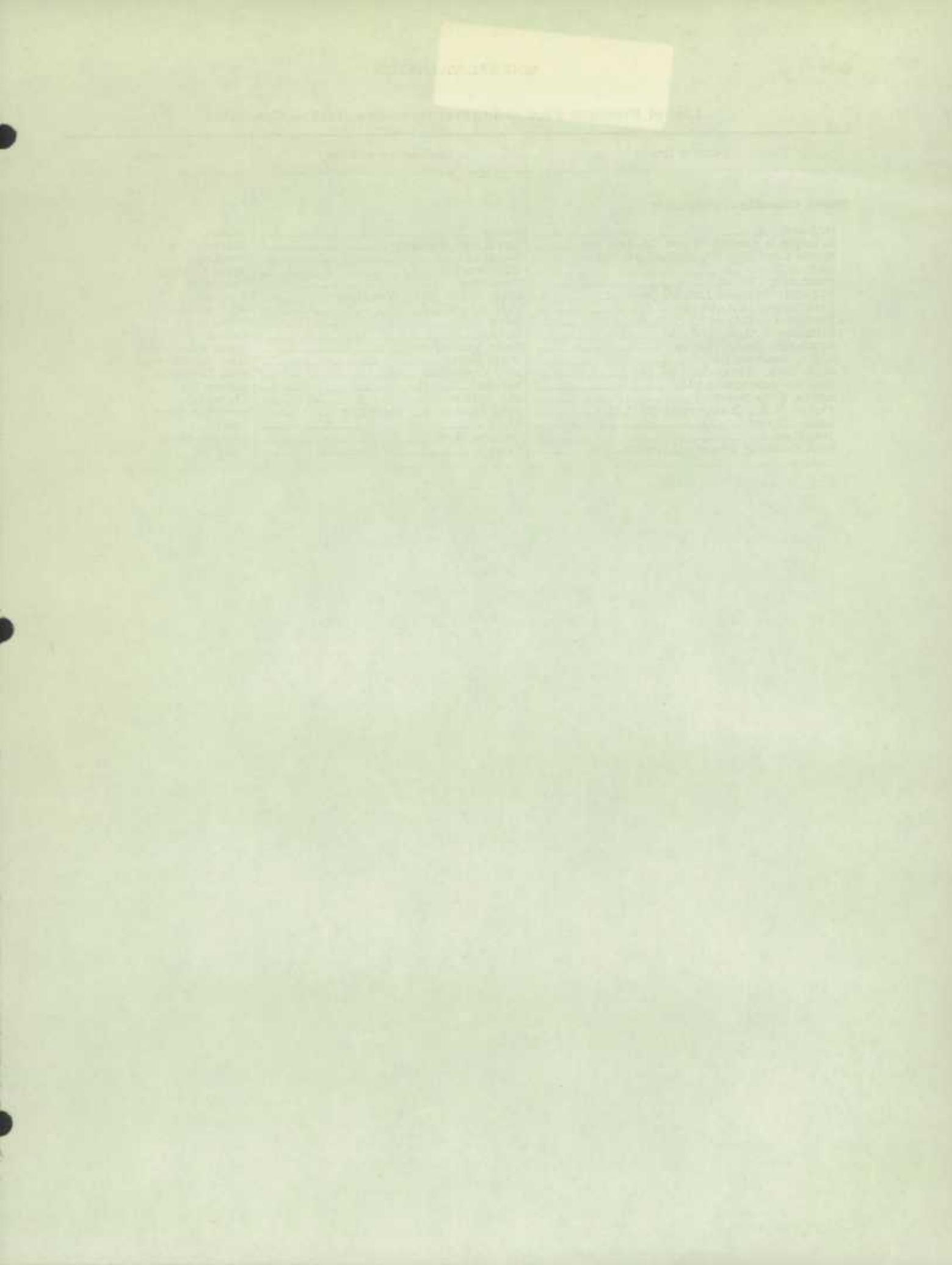
Name of firm	Head office address	Location
Ontario — concluded:		
Sulley, J.	Utopia	Vespra Twp.
Superior Sand, Gravel & Supplies Ltd. (w)	347 Bay St., Toronto	Vaughn Twp.
Sutherland, Wm. J.	Bond Head	Tecumseh Twp.
Tanner, A.	Stratford	St. Mary's
Teed, E. A. (w)	Thornbury	Innisfield Twp.
Telephone City Supply Co. (w)	Brantford	Brantford
Thurston, M.	Sarnia	Sarnia Twp.
Timmins, Town of	Timmins	Porcupine
Todd, A. and G.	Churchill	Innisfil Twp.
Toronto Sand & Gravel Co. Ltd. (w)	Box 155, Toronto 13	Pickering Twp.
Totten, L. (w)	Renfrew	Renfrew
Trent Valley Sand & Stone Ltd. (w)	Thornhill	Brighton
Tunks, Wm.	Komoka	Lobo Twp.
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 Twp.
Varcoe Bros. (w)	Barrie	Midhurst
Walker, A.	Waterford	Townsend Twp.
Watt, M.	Huntsville	Chaffey Twp.
Wellington Village (w)	Wellington	Wellington
West, S.J.	R.R. 3, Sarnia	Sarnia Twp.
Western Sand & Gravel Ltd.	I Parkhurst Blvd., Toronto 17	Stouffville
Willis & Farrish	Listowel	Listowel
Wiseman, G., Ltd.	Woodstock	Oxford Co.
Woollatt Fuel & Supply Co. Ltd. (w)	2171 Ottawa St., Windsor	Leamington
Yundt & McCann Construction Ltd.	Stratford	Stratford
Yundt, B.	Stratford	Stratford
Zinston, H.	Peterborough	Smith Twp.
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
Building Products & Coal Co. Ltd.	111 Christie St., Winnipeg	Birds Hill
Commonwealth Construction Co. Ltd.	300 Royal Bank Bldg., Winnipeg	Winnipeg
Crouch, I.	265 Madison St., St. James 12	Rockwood
Cumming & Dobbie Ltd.	347 Tenth St., Brandon	Brandon
Erven-Fraser Co. Ltd. (w)	850 Somerset Bldg., Winnipeg	Birds Hill
Greater Winnipeg Water District	455 Ellice Ave., Winnipeg	Winnipeg
Howe Sound Exploration Co. Ltd.	Snow Lake	Herb Lake
Manitoba Department of Highways	Winnipeg	Various
Maple Leaf Construction Ltd.	777 Erin St., Winnipeg 10	Stonewall
McCurdy Supply Company Limited (w)	Sargent & Erin Sts., Winnipeg	Winnipeg
Nelson River Construction Ltd.	101 Dawson Rd., St. Boniface	St. Boniface
Rosser Gravel & Sand Ltd.	Rosser	Rosser
Tallman Gravel & Sand Supply Ltd.	678 Dufferin Ave., Winnipeg	Winnipeg
Winnipeg, City of	223 James Ave., Winnipeg	Birds Hill
Saskatchewan:		
Anderson, J.D.	Unity	Unity
Baron, V.	Burstall	Burstall
Becker, Clifford E.	Nipawin	Nipawin
Bernier, W.	Flin Flon	Flin Flon
Bonn, W.	135 — 14th St. W., Prince Albert	Nisbet Forest
Brandhagen, Allen	233 Lorne St. W., Swift Current	Swift Current
Cleve Construction Ltd.	Lloydminster	Lloydminster
Collins, A.E.	Cut Knife	Cut Knife
Coulee Rural Municipality	Neidpath	Neidpath
Epp, H.	Rosthern	Rosthern
Ferguson, Y.B.	Vesper	Vesper
General Gravel Surfacing Co. (w)	Saskatoon	Prince Albert
Gunnar Mines Ltd.	25 Adelaide St. W., Toronto, Ontario	Lake Athabaska
Hadden, R. & G.	Cabri	Cabri
Harris, S.	Kipling	Kipling
Hoodoo Rural Municipality	Cudworth	Cudworth
Horosko Bros.	Rosetown	Rosetown
Howard's Transfer & Excavation Co.	Swift Current	Swift Current
Hudson Bay Mining and Smelting Co. Ltd. (w) ..	500 Royal Bank Bldg., Winnipeg, Manitoba	Flin Flon

List of Principal Sand and Gravel Operators, 1955 — Continued

Name of firm	Head office address	Location
Saskatchewan — concluded:		
Latrace, H.	Box 1162, Saskatoon	Saskatoon
Livingston Rural Municipality	Livingston	Livingston
McKay, C.	Garrick	Garrick
Murney, J.	Semans	Semans
Nagel's Transfer	Leader	Leader
Nipawin Dray	Nipawin	Nipawin
Parkdale Rural Municipality	Glaslyn	Glaslyn
Pilot Butte Sand & Gravel Co. Ltd.	Pilot Butte	Pilot Butte
Prince Albert City	Prince Albert	Prince Albert
Sandbeck, H.	Congress	Congress
Saskatchewan Department of Highways	Regina	Various
Schnell, Frank	Torquay	Torquay
Schwartz, A.	Rhein	Rhein
Sliding Hills Rural Municipality	Mikado	Mikado
Strocen, S.	Canora	Canora
Wallace Rural Municipality	Yorkton	Yorkton
Warman Rural Municipality	Warman	Warman
Woods, John	Pathlow	Pathlow
Wright, F.E.	Eastend	Eastend
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
Clarke & Sons (w)	Cochrane	Cochrane
Devon Sand & Gravel Ltd. (w)	10480 — 113th St., Edmonton	Edmonton
Jefferies & Sons Limited (w)	Calgary	Calgary
Mountain View District	Didsbury	Didsbury
O.K. Construction & Supply Co. Ltd. (w)	9531 — 111th Ave., Edmonton	Edmonton
British Columbia:		
Abbotsford Gravel Sales Ltd. (w)	508 Hornby St., Vancouver	Abbotsford
Abear, G., Sand & Gravel	Kamloops	Kamloops
Armour Salvage (1949) Ltd. (w)	Prince Rupert	Cassiar
Atlas Construction Ltd.	Kamloops	Kamloops
Border Sand & Gravel (w)	White Rock	White Rock
Bregoliess Construction (w)	Kamloops	Kamloops
Britannia Mining & Smelting Co. Ltd.	Britannia Beach	Britannia Beach
British Columbia Department of Highways	Victoria	Various
Burquitlam Sand & Gravel Ltd.	New Westminster	New Westminster
Butler Bros. (w)	Royal Oak	Royal Oak
Cassidy Sand & Gravel Ltd. (w)	Cassidy	Cassidy
Cewe, Jack, Blacktop Limited (w)	417 Elwell St., S. Burnaby	Port Moody
Colebrook Sand & Gravel Co. Ltd. (w)	Cloverdale	Cloverdale
Columbia Bitulithic Ltd. (w)	Granville Island	Granville Island
Consolidated Mining & Smelting Company of Canada Limited (w)	Trail	Chapman and Kimberley
Construction Aggregates Ltd.	New Westminster	New Westminster
Courtenay Sand & Gravel Co. Ltd. (w)	520 Duncan Ave., Courtenay	Courtenay
Cranbrook, City of (w)	Cranbrook	Cranbrook
Deeks-McBride Ltd. (w)	1051 Main St., Vancouver	Port Coquitlam
Delta, Corporation of	Ladner	New Westminster
Dolan's Limited (w)	Alberni	Alberni
Duech Building Supplies Ltd. (w)	North Clearbrook	North Clearbrook
Evans, Coleman & Johnson Bros. Ltd. (w)	900 Wharf St., Victoria	Royal Bay
Fernie, City of	Fernie	Fernie
Gilley Bros. Limited (w)	902 Columbia St., New Westminster	New Westminster
Goldie, I.	52 Royal Ave., North Kamloops	Kamloops
Hall, H.M. (w)	Vernon	Vernon
Highland Sand & Gravel Company Ltd. (w)	Lynnmoor	Lynnmoor
Hillside Sand & Gravel (w)	1075 Main St., Vancouver	Hillside
Horack General Machinery	Cloverdale	Cloverdale
Kamloops, City of (w)	288 — First Ave., Kamloops	Kamloops
Kimberley, City of	Kimberley	Kimberley
Kitsul Bros. Gravel Sales Ltd.	Langley	Langley
Langley Gravel & Contracting	Langley	Langley
Langley, Township of (w)	Murrayville	Langley
Lindhart, H.	Chilliwack	Chilliwack
McCauley Ready Mix Concrete Co. Ltd. (w)	Trail	West Kootenay

List of Principal Sand and Gravel Operators, 1955 — Concluded

Name of firm	Head office address	Location
British Columbia — concluded:		
McIntosh, A.	Haney	Albion
McIntyre & Harding Gravel Co. Ltd. (w)	Royal Oak, Saanich	Saanich
Mortar Less Tile (C. McGarrigle) (w)	Nanaimo	Nanaimo
Norish Bros.	Chilliwack	Minto Landing
Penticton, City of	Penticton	Penticton
Pitkethly Brothers Limited (w)	8699 Angus Drive, Vancouver	Vancouver
Port Alberni, City of (w)	Port Alberni	Port Alberni
Revelstoke, City of	Revelstoke	Revelstoke
Richardson, A.V., Ltd. (w)	Duncan	Duncan
Routledge Gravel Ltd. (w)	North Vancouver	North Vancouver
S.U.B. Quarries Ltd.	North Surrey	New Westminster
Scott Bros. Gravel Co. Ltd. (w)	Port Coquitlam	Port Coquitlam
Sentinel Aggregates Ltd.	Nelson	Nelson
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
West Kootenay Power & Light Co. Ltd.	Trail	Trail



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