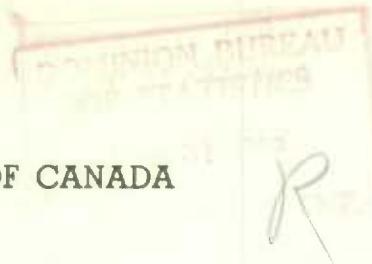


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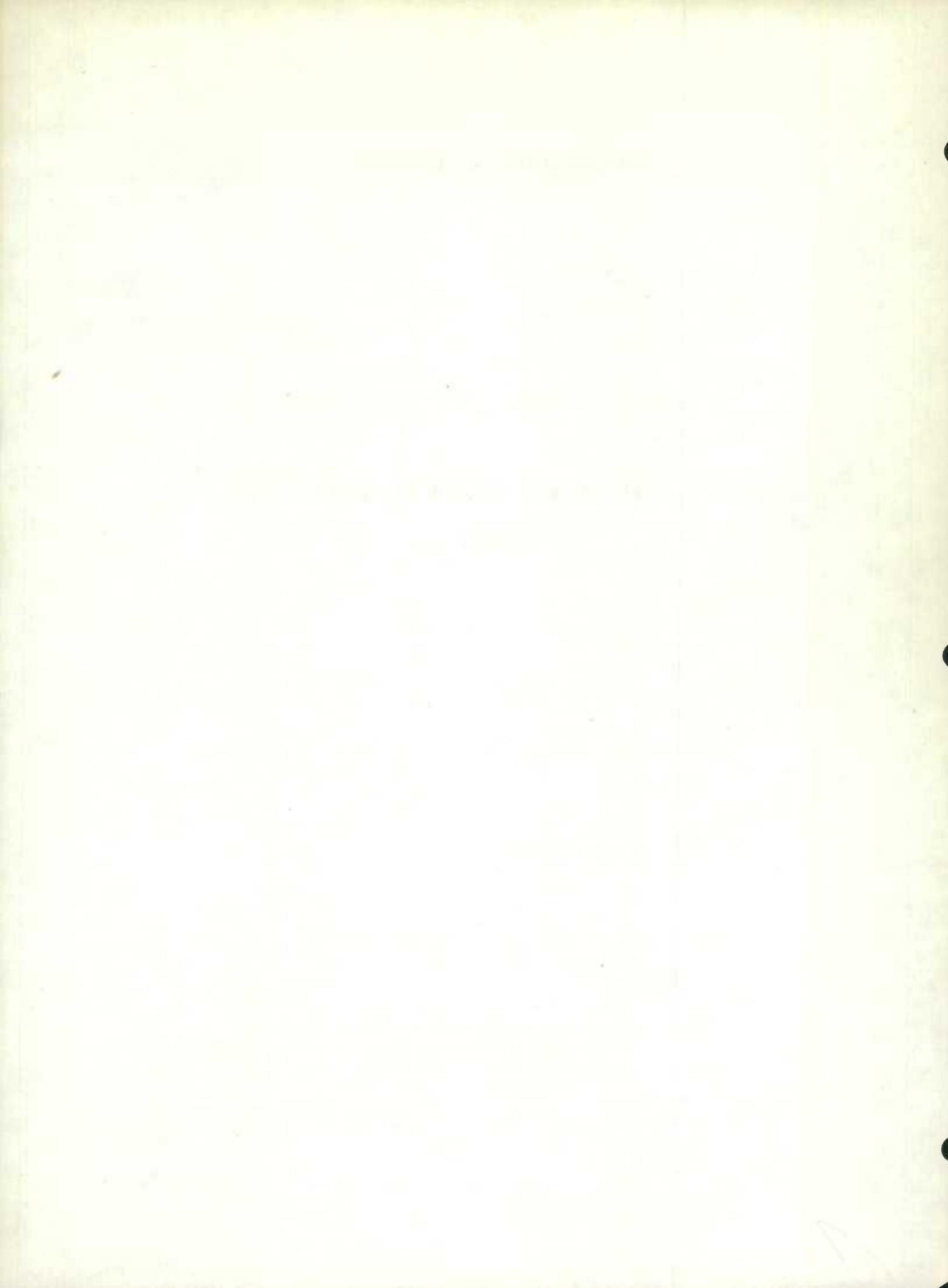
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GOVERNMENT OF CANADA

THE SAND AND GRAVEL INDUSTRY
1950





DOMINION BUREAU OF STATISTICS — DEPARTMENT OF TRADE AND COMMERCE

THE SAND AND GRAVEL INDUSTRY
1950

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NOTICE

The Industry and Merchandising Division of the Bureau of Statistics collects and compiles figures on (a) the primary industries in Canada — mining, forestry and fishing; (b) manufacturing; (c) construction, and (d) merchandising and services.

The following reports constitute the complete volume 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, 25¢
- B The Gold Mining Industry, 50¢.
- C The Silver-Lead-Zinc Mining Industry, 30¢.
- D The Nickel-Copper Mining, Smelting and Refining Industry, 25¢.
- E The Miscellaneous Metal Mining Industry, 30¢.
- F The Non-ferrous Smelting and Refining Industry, 25¢.
- G The Coal Mining Industry, 75¢.
- H The Natural Gas and Crude Petroleum Industry, 25¢.
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- 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, 30¢.
- 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, 35¢.
- U Contract Diamond Drilling in the Mining Industry, 25¢.

THE SAND AND GRAVEL INDUSTRY

1950

The commercial production of sand and gravel in Canada during 1950 amounted to 73,095,163 short tons valued at \$36,434,759 compared with 63,356,308 tons valued at \$31,181,541 in the preceding year, an increase of 15.4 per cent in tonnage and 16.8 per cent in value. The totals included 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 of 30,271,214 tons in Ontario was 35.6 per cent higher than in 1949; in Quebec the output of 20,313,415 tons represented an increase of 5.9 per cent; and in New Brunswick new road construction caused an increase of 52.4 per

cent to 4,789,585 tons. Sand and gravel plants in Canada screened or washed 11,783,282 tons in 1950 compared with 9,849,339 tons in 1949 and the bank or pit-run grades amounted to 61,311,881 tons compared with 53,506,969 tons in 1949.

The industry employed 4,120 persons to whom \$8,356,721 were distributed as salaries and wages. Fuel cost \$1,413,039 and 10,815,293 k.w.h. of electricity cost \$159,562. Process supplies were valued at \$334,844.

Imports of sand and gravel amounted to 201,321 tons valued at \$208,693 in 1950 and exports were 348,826 tons worth \$328,176.

TABLE 1. Principal Statistics¹ for the Sand and Gravel Industry, 1949 and 1950

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.	\$	\$	\$	\$
1949						
Newfoundland	2	410	769,581	10,780	31,427	943,765
Nova Scotia	3	483	496,904	11,489	4,500	1,724,161
New Brunswick	3	238	412,117	893	—	1,060,950
Quebec	949	1,145	1,998,630	156,887	69,298	7,038,928
Ontario	659	780	1,765,717	670,972	75,890	10,847,828
Manitoba	13	262	580,574	27,910	53,021	677,523
Saskatchewan	92	131	155,576	30,572	27,963	1,735,775
Alberta	9	95	232,960	51,635	14,736	1,403,852
British Columbia	32	319	735,275	222,333	39,858	4,590,013
Total	1,762	3,863	7,147,334	1,183,471	316,693	29,992,795
1950						
Newfoundland	2	603	897,870	5,639	16,870	715,673
Nova Scotia	4	362	461,151	18,467	2,138	1,473,069
New Brunswick	3	255	460,549	1,975	2,358	2,861,125
Quebec	982	1,010	2,057,027	185,943	66,632	6,933,758
Ontario	712	1,310	3,011,531	1,107,458	157,289	15,213,802
Manitoba	12	81	197,672	26,349	37,272	654,074
Saskatchewan	60	85	160,293	55,328	36,066	1,375,075
Alberta	8	59	160,657	45,031	5,154	2,421,834
British Columbia	34	355	949,971	126,411	11,065	3,622,789
Total	1,817	4,120	8,356,721	1,572,601	334,844	35,271,199

1. Does not include data on sand and gravel produced by railroads. In 1949 the railroads production by 27 operators was 5,404,925 tons valued at \$1,188,746. Salaries and wages paid to workers at these pits were \$343,747 for the year. In 1950 the railroads production by 25 operators was 5,054,517 tons valued at \$1,163,560 and salaries and wages totalled \$355,719.

TABLE 2. Production¹ of Sand and Gravel, 1941-1950

Year	Tons	Value
		\$
1941	31,604,806	10,375,723
1942	26,349,907	9,005,414
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	31,181,541
1950	73,095,163	36,434,759

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, 1949 and 1950

—	Washed or screened	Bank or pit-run	Total value
			tons
1949			
Production ¹ :			
Sand:			
Moulding sand	59,742	9,639	97,151
Building sand and sand for concrete, road-work, etc.	3,174,051	3,757,823	3,556,130
Core sand	—	1,312	2,517
Other sand (including blast sand, engine sand, etc.)	3,363	115,203	29,121
Sand and gravel :			
Sand and gravel for railway ballast	285,332	5,037,396	1,358,523
Sand and gravel for concrete, road-building, etc.	3,953,133	38,133,565	19,758,109
Mine filling	106,655	2,050,691	530,185
Crushed gravel	2,267,063	4,401,340	5,849,805
Total	9,849,339	53,506,969	31,181,541
1950			
Production ¹ :			
Sand:			
Moulding sand	29,030	9,710	105,909
Building sand and sand for concrete, road-work, etc.	4,064,310	2,786,029	4,151,672
Core sand	—	1,534	2,946
Other sand (including blast sand, engine sand, etc.)	10,893	116,974	41,475
Sand and gravel :			
Sand and gravel for railway ballast	266,010	4,866,361	1,361,439
Sand and gravel for concrete, road-building, etc.	4,671,189	45,097,045	24,512,834
Mine filling	19,171	3,366,213	800,988
Crushed gravel	2,722,679	5,068,015	5,457,496
Total	11,783,282	61,311,881	36,434,759

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, 1948-1950

Province		1948	1949	1950
Newfoundland.....	Tons \$	Not available	1,416,202 999,598	1,619,389 780,315
Prince Edward Island	-		No commercial production	
Nova Scotia	Tons \$	1,636,808 1,706,838	1,933,652 1,738,114	1,600,932 1,488,593
New Brunswick	Tons \$	3,347,817 1,231,256	3,142,633 1,106,479	4,789,585 2,997,779
Quebec	Tons \$	28,102,377 9,535,944	19,179,692 7,326,456	20,313,415 7,172,632
Ontario	Tons \$	20,588,496 10,468,216	22,320,753 11,214,136	30,271,214 15,551,406
Manitoba	Tons \$	2,498,277 754,196	2,260,196 696,783	2,720,951 721,494
Saskatchewan.....	Tons \$	1,846,336 917,243	1,930,959 1,795,766	2,104,797 1,439,870
Alberta	Tons \$	3,592,275 2,219,497	2,448,814 1,553,589	3,866,662 2,572,795
British Columbia	Tons \$	7,058,477 3,796,406	8,723,407 4,750,620	5,808,218 3,709,875
Canada	Tons \$	68,670,863 30,629,596	63,356,308 31,181,541	73,095,163 36,434,759

TABLE 5. Production of Washed or Screened and Pit-Run Grades, by Provinces, 1950

Province	Washed or screened	Bank or pit-run	Total
			(tons)
Newfoundland.....	52,347	1,567,042	1,619,389
Nova Scotia	197,306	1,403,626	1,600,932
New Brunswick	20,250	4,769,335	4,789,585
Quebec	1,477,201	18,836,214	20,313,415
Ontario	7,457,390	22,813,824	30,271,214
Manitoba	204,067	2,516,884	2,720,951
Saskatchewan.....	191,635	1,913,162	2,104,797
Alberta	312,020	3,554,642	3,866,662
British Columbia	1,871,066	3,937,152	5,808,218
Total	11,783,282	61,311,881	73,095,163

TABLE 6. Production of Sand for Building and for Concrete, Roads, etc., and Sand and Gravel for Railway Ballast and for Concrete, Roads, etc., 1950

	Sand		Sand and gravel			
	For building, concrete, roads, etc. ¹		For railway ballast		For concrete, roads, etc.	
	Tons	\$	Tons	\$	Tons	\$
Newfoundland.....	22,354	51,414	278,332	47,420	1,303,221	664,279
Nova Scotia	15,317	10,908	299,008	181,286	1,285,869	1,292,709
New Brunswick	28,231	16,413	245,430	36,360	4,368,436	2,832,736
Quebec	2,642,392	1,456,798	568,850	143,198	12,897,700	3,161,692
Ontario	3,530,989	2,224,835	2,204,536	557,486	18,544,211	9,810,476
Manitoba	131,139	79,932	336,913	68,188	2,246,696	570,130
Saskatchewan.....	20,849	21,288	354,025	57,236	1,416,465	1,071,236
Alberta	216,775	146,643	382,620	130,970	3,033,163	2,041,337
British Columbia	242,293	143,441	462,657	139,295	4,672,473	3,068,239
Canada	6,850,339	4,151,672	5,132,371	1,361,439	49,768,234	24,512,834

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

TABLE 7. Production of Moulding and Core Sand and Crushed Gravel, by Provinces, 1950

Province	Moulding sand and core sand		Crushed gravel	
	Tons	\$	Tons	\$
Newfoundland	—	—	13,538	15,042
Nova Scotia	7,38	3,690	—	—
New Brunswick	—	—	145,834	112,025
Quebec	—	—	3,754,818	2,282,305
Ontario	39,112	104,693	3,005,852	2,173,454
Manitoba	411	452	—	—
Saskatchewan	13	20	276,685	284,644
Alberta	—	—	221,560	250,412
British Columbia	—	—	372,407	339,614
Canada, 1950	40,274	108,855	7,790,694	5,457,496
Canada, 1949	70,693	99,668	6,668,403	5,849,805

TABLE 8. Employees and Their Earnings in the Sand and Gravel Industry, 1946-1950

Year	Average number of employees					Earnings		
	Administrative and office		Workmen		Total	Administrative and office	Workmen	Total
	Male	Female	Male	Female				
1946	107	16	2,658	12	2,793	218,786	3,195,090	3,413,876
1947	122	25	3,273	10	3,430	291,568	4,416,393	4,707,961
1948	125	29	4,033	10	4,197	351,484	6,400,619	6,752,103
1949	151	31	3,669	12	3,863	452,879	6,694,455	7,147,334
1950	223	58	3,824	15	4,120	692,892	7,663,829	8,356,721

TABLE 9. Workmen¹ in the Sand and Gravel Industry, by Months, 1949 and 1950

Month	1949			1950		
	Male (Number)	Female (Number)	Total (Number)	Male (Number)	Female (Number)	Total (Number)
January	936	4	940	1,101	3	1,104
February	932	2	934	1,151	2	1,153
March	1,111	3	1,114	1,369	3	1,372
April	1,592	14	1,606	1,645	15	1,660
May	5,670	14	5,684	5,724	19	5,743
June	10,528	15	10,543	10,244	20	10,264
July	10,528	15	10,543	9,842	20	9,862
August	6,070	15	6,085	4,685	21	4,706
September	3,012	15	3,027	3,851	23	3,874
October	1,908	15	1,923	2,345	22	2,367
November	1,686	14	1,700	2,130	19	2,149
December	1,261	6	1,267	1,567	7	1,574
Average	3,669	12	3,681	3,824	15	3,839

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 1950 the combined amount paid by railroads to contractors and wages paid railroad employees for the production of sand and gravel totalled \$355,719.

List of Principal Sand and Gravel Operators, 1950

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:		
Crockett, V.B.	Wallace	Belmont
Nova Scotia Department of Highways	Halifax	Various
Rayner Construction Ltd (w)	29 Commercial Road, Leaside, Ontario	Debert
Warren (Maritimes) Limited	90 Granville St., Halifax	Queensport
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:		
Asbestos Corporation Limited	Thetford Mines	Thetford Mines
Baillargeon, Philippe	22, rue Montcalm, Iberville	Ste-Philomène and Mont St-Grégoire
Belleterre Quebec Mines Limited	25 King St. W., Toronto, Ont.	GUILLET TP.
Bonner Sand and Ballast Limited (w).....	1434 St. Catherine St. W., Montreal	South Durham
Breen, Mary Ann	Guigues	Guigues
Brique du Nord Limitée, La (w)	Amos	Amos
Burnside, Chas.	1009, Wellington St., Ottawa, Ont.	Chelsea
Canadian Johns Manville Co. Ltd.	1062 Sun Life Bldg. Montreal	Shipton
Chabot, Bernard (w)	St. Jean-Baptiste	St. Jean-Baptiste
Chamberland, Maurice	189 St. Louis St., Sherbrooke	Sherbrooke
Cie d'Équipement & Construction de Rimouski Ltée	363 rue St. Germain, Rimouski	Rimouski
Cle de Sable & de Gravier Montmorency Ltée	Montmorency	Montmorency
Coaticook, City of (w)	Coaticook	Coaticook
Compagnie de Sable Limitée, La (w)	20, 3ième Ave., Québec	Beauport Est
Concrete Ready Mix Ltd. (w)	10200 Montée St. Laurent	Rawdon
Consolidated Oka Sand & Gravel Co. Limited.	248 McCord St., Montreal	Lake of Two Mountains
(w) Des Marais, Mde.	St. Félix de Valois	St. Félix de Valois
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, 4ième rue, Grand'Mère	Grand'Mère
Goyer, Edouard & Frère	St. Bruno	St. Bruno and St. Hilaire
Granby, City of	Granby	Granby
Hains, A., Limitée	837, Ave Royale, Beauport	Ste-Thérèse-de-Lisieux
Hydro Electric Power Commission of Ontario (w)	620 University Ave., Toronto, Ontario	Pontiac
Laberge	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
Michaud & Simard Inc. (w)	401 Arago, Québec	Beauport E.
Modern Paving (Quebec) Limited	Bon Conseil	Ste. Clothilde de Horton
Mount Royal Paving & Supplies Limited (w)	6301 Park Ave., Montréal 15	Charette
Normetal Mining Corporation Limited	350 Bay St. W., Toronto 1, Ont.	Abitibi
Ouellet, Lucien	Ste-Foy	Ste-Foy
Pic Construction Co. Ltée	Arvida	Bagotville
Poirier, Maurice	St. Félix de Valois	St. Félix de Valois
Power Corporation of Canada Ltd. (w)	355 St. James St., Montreal	Angliers

List of Principal Sand and Gravel Operators, 1950 — Continued

Name of Firm	Head Office Address	Location
Quebec — concluded:		
Rimouski, City of	Rimouski	Notre-Dame du Sacré-Coeur
Robert & Dufour Enrg.	929 Ave Royale, Beauport	Ste-Thérèse
St. Andrew East Sand & Gravel	St. André	St. André
St. Francis River Dredging Co. (w)	St. Francois du Lac	St. Francois River
St. Hilaire, N.	New Liverpool	Chaudière-Bassin
Sables & Gravier St.Paul Ltée	St. Paul d'Abbotsford	St. Paul d'Abbotsford
Sables des Milles Iles Ltée, La	19, rue Dupont, Montréal	St. Henri de Mascouche
Shawinigan Engineering Co. Ltd.	600 Dorchester St. W., Montreal	Trenche
Sherbrooke, City of	Sherbrooke	Orford Tp.
Standard Lime Company Limited (w)	Joliette	Ste-Emelie
Tremblay, J. Albert	221, rue Ste. Famille, Kénogami	Simard Tp.
Two Mountains Sand Co. Ltd. (w)	517, Canada Cement Bldg., Montreal	Pointe-Calumet
Venne, Oscar	Lachenaie	Lachenaie
Ontario:		
Adams Sand & Gravel (w)	R.R. 3, 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
Axford, K.R.	35 Elm St., St. Thomas	South Yarmouth
B.Y.W. Construction Co. Ltd.	Kapuskasing	Kearns
Baker, D.	Gormley	Wilcox Lake
Barnes, Wm. R., Co. Ltd. (w)	243 Cumberland Ave., Hamilton	Hamilton
Barrick, A (w)	Lowbanks	Moulton Tp.
Barrick, C. (w)	Lowbanks	Lake Erie
Bellyou, N.	R.R. 4, Trenton	Trenton
Blake, John	453 Leslie St., Toronto	Scarboro Tp.
Bluewater Crushed Stone (w)	Owen Sound	Amabel Tp.
Blyth, R.A. (w)	7 St. Andrews Gardens, Toronto	Various
Boyd Bros.	Osgoode	Carleton Co.
Boyd, Morley (w)	123 Coldwater Rd. Orillia	Orillia Tp.
Braas, Bros.	R.R. 3, Niagara Falls	Stamford Tp.
Brett's Warehouse	Box 489, Kenora	Jaffray Tp.
Buckham & Stewart	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
Cann, Wm.	R.R. 1, Hensall	Usborne tp.
Cadwell Marine Ltd. (w)	Niagara Falls	Niagara River
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
Chatham Sand & Gravel Co. (w)	Chatham	Thames River
Chown Limited	Kingston	Kingston
City Gravel Company	775 Algonquin Ave., North Bay	Widdifield tp.
Clark, R.S. & Son (w)	Ingersoll	Ingersoll
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 May St. N., Fort William	Paipoonge Tp.
Cornwall Gravel Co. (w)	Cornwall	Cornwall Tp.
Crawford, W.D. (w)	Port Colborne	Port Colborne
Crosby, Wm.	Princeton	Blenheim tp.
Cross Supplies & Paving Limited (w)	1272 Windsor Ave., Windsor	Windsor
Croxall, E.	Brooklin	Brooklin
Cudmores' Gravel	Hensall	Usborne Tp.
Curran & Briggs Limited (w)	61 Haverson Blvd., Toronto	Pickering Tp.
Davis, O.	Minesing	Vespra Tp.
Davy, Sidney	Severn Bridge	Rama Tp.
Dean Construction Co. Ltd.	Belle River	Gosfield S. Tp.
Dennis, C.M.	Atwood	Grey Tp.
Dibblee Construction Co. Ltd.	248 Albert St., Ottawa	Carleton Co.
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

List of Principal Sand and Gravel Operators, 1950 — Continued

Name of Firm	Head Office Address	Location
Ontario: — continued:		
Dowler, W.	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
Eadie, Wm.	105 N. Park St., Brantford	Brantford Tp.
Eastern Gravel & Crushed Stone Ltd. (w)	2319 Bloor St. W., Toronto	Dixie
Egerdee, A.W.	New Dundee	Wilmot Tp.
Ellins Bros. (w)	304 Scarlett Rd., Toronto 9	Toronto
Falconbridge Nickel Mines Limited	44 King St. W., Toronto	Falconbridge Tp.
Ferguson, D.	R.R. 2, Brockville	Augusta Tp.
Fewster, S.	R.R. 4, St. Mary's	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
Grandmaire, D.	131 Montreal Rd., Eastview	Eastview
Greenwood Construction (w)	Grand Valley	Parry Sound
Griffin Bros. (w)	Gananogue	Leeds Co.
Grimo, Frank	Niagara Falls	Stamford Tp.
Guelph Sand & Gravel Limited (w)	Guelph	Wellington Tp.
Guelph, City of	Guelph	Wellington Co.
Hacquoil's Construction (w)	228 W. Gore St., Fort William	Stanley
Halliburton, John, Estate	101 Strange St., Guelph	Guelph
Hall, Wilfred J.R.	Parry Sound	McDougall Tp.
Hampson Sand & Gravel	38 Prescott Ave., Toronto	Maple
Hargreaves, W. (w)	R.R. 5, Peterborough	Monaghan N. Tp.
Harvey Construction Co. Ltd.	R.R. 1, Kingston	Augusta Tp.
Harwich Tp. (w)	Blenheim	Beaver Creek
Hayward Construction Co. (w)	Hillsburg	Guelph Tp.
Hayward & Picket	Milton	Nelson Tp.
Hembruff, V.M.	Matheson	Matheson
Hepburn, M.	R.R. 5, St. Thomas	Yarmouth Tp.
Hern E.	Kirkton	Usborne Tp.
Hett, J. (w)	R.R. 2, Kitchener	Parkway
Highland Creek Sand & Gravel Limited (w)	Highland Creek	Scarborough
Hince Concrete Products Limited	Spring St., Picton	Hallowell Tp.
Hollinger Consolidated Gold Mines Ltd.	Timmins	Tisdale Tp.
Holman Construction (w)	Rockwood	Rockwood
Howard Sand & Gravel Co. Ltd. (w)	Aldershot	East Flamboro Tp.
Hugh-Pam Porcupine Mines Ltd.	50 King St. W., Toronto	Whitney Tp.
Hume Bros (w)	Ridgeway	Ridgeway
Huron Gravel Crushing Co. (w)	Seaford	Huntsville
Industrial Sand & Gravel Co. (w)	67 Gilmour Ave., Toronto	Glen Williams
Inglis, M. (w)	Highgate	Palmyra
Jackson, Mrs. R.	Listowel	Luther W. Tp.
Jenkins, J. (w)	Morpeth	Morpeth
Jerome, A. P. (w)	Bothwell	Zone Tp.
Kemsley, T. & Son	R.R. 3, Sarnia	Sarnia
Kerr, J.E. (w)	Wingham	Wingham
Kettle, Mrs. W.	R.R. 3, Petrolia	Enniskillen Tp.
Kilbourne, F.B.	3 Cove Rd., London	London
King Paving Co. Ltd. (w)	Box 36, Oakville	Toronto Tp.
Kingston Sand & Gravel Ltd.	235 Wellington St. Kingston	Glenburnie
Kinsey, L. E. (w)	R.R. 2, Lowbanks	Sherbrooke Tp.
Kirkland, G. (w)	Lucknow	Ashfield
Lake Erie Gravel Co. (w)	R.R. 3, Merlin	Tilbury E. Tp.
Lake Shore Mines Ltd.	Kirkland Lake	Kirkland Lake
Langdon Manufacturing Co. (w)	235 William St., Stratford	Stratford
Lavis Contracting Co.	Clinton	Hibbert Tp.
Leask, R. (w)	Greenbank	Greenbank
Lightbody, R. (w)	49 Main St. Smiths Falls	Elmsley S. Tp.
Liley, Wm.	London	London
Little Long Lac Gold Mines Ltd.	Geraldton	Geraldton
Lockyer & Hughes Limited	Highland Creek	Scarborough Tp.
Lyons, C.A. (w)	R.R. 1, Paris	S. Dumfries Tp.

List of Principal Sand and Gravel Operators, 1950 — Continued

Name of Firm	Head Office Address	Location
Ontario — continued:		
M. & M. Construction Co.	Tillsonburg.....	Durham Tp.
Madill, Bert	R.R. 1, Arkona	Arkona
Maine, J. (w)	R.R. 5, Chatham	Chatham
Mainland, J.W.	R.R. 1, Rothsay.....	Wellington Co.
Marshall, J.F. & Sons Ltd. (w)	1067 Talbot St., London	Middlesex Co.
Martini J. (w)	226 Dover St., South Preston	Dumfries Tp.
Mascioli Construction Co. Ltd. (w)	Timmins	Tisdale Tp.
Maurer & Klages	Hanover.....	Brant Tp.
Maxted, F.A.	159 Rockliffe Blvd., Toronto	York Tp.
McAdams, H.	Zurich	Hay Tp.
McArthur Construction Reg'd (w)	Russell.....	Osgoode Tp.
McColl, Wm.	Carleton Place.....	Lanark Co.
McCormick, J. (w)	R.R. 2, Wingham	Turnberry Tp.
McCoy — Bell Construction Co. Ltd.	Stittsville	Carleton Co.
McCready, D.	R.R. 2, Thamesford	E. Nissouri Tp.
McDougall, A.	R.R. 3, Palmerston	Palmerston
McLaws, M.G. & Son	R.R. 4, St. Thomas	St. Thomas
McLean, A.B. & Son Ltd. (w)	Sault Ste. Marie	St. Mary's River
McLellan, J.L.	R.R. 2, Thamesford	E. Nissouri Tp.
McRae, C. (w)	R.R. 1, Byron	Byron
Menard Construction	Green Valley	Kenyon Tp.
Moore, C.G.	R.R. 1, Ailsa Craig	Middlesex Co.
Morley, D.	R.R. 3 Ailsa Craig	McGillivray Tp.
Moyer Sand & Gravel Ltd. (w)	35 Queen St., St. Catharines	Pelham Tp.
Municipal Sand & Gravel Co. Ltd.	203 Victoria St., Kingston	Kingston
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 Co.	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	Biddulph Tp.
Parton, A.	Parry Sound	Parry Sound
Peninsula Sand Co.	Stamford Centre	Stamford Tp.
Pioneer Construction Co. Ltd. (w)	Box 241, Sudbury	Nipissing
Preston Sand and Gravel (w)	954 Coxwell Ave., Toronto	Preston
Quigley Construction Company Limited	Bartonville	Waterdown
Quinte Sand & Gravel (w)	Box 761, Frankford	Frankford
Reid, F.	Bell Ewart	Bell Ewart
Reid, W.	Varna	Varna
Riddell, C.G. (w)	Milton	Halton Tp.
Roberts, F.H. (w)	Unionville	Whitchurch Tp.
Robertson, A.S.	Listowel	Halton Tp.
Robinson, F. (w)	West Lorne	Aldborough Tp.
Ross Supply & Contracting Co. Ltd.	55 Ann St., Brockville	Lyn and Maitland
Sandy Contracting Co. Ltd. (w)	Goderich	Grey Tp.
Seemiller, E. & E. Limited	525 Wendell Ave., Kitchener	Waterloo Tp.
Seeley Bros. & Arnill	Dundalk	Dundalk
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.
Speiran, G.A.	Brussels	Grey Tp.
Smythe, C. Limited (w)	899 Jane St., Toronto 9	Toronto
Spinks & Fox Sand & Gravel Co. (w)	Leamington	Gosfield S. Tp.
Spratt, G.H. (w)	Billings Bridge	Billings Bridge
Springbank Sand & Gravel Ltd. (w)	Port Credit	Toronto Tp.
Stapledon, W.H. & Son	Britannia Heights	Beils Corners
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. (w)	347 Bay St., Toronto	Maple
Sutherland, H.	Embroy	W. Zorra Tp.
Telephone City Supply Co. (w)	Brantford	Grand River
Thamesville Sand & Gravel Co. (w)	Thamesville	Thamesville
Thurston, M. (w)	Sarnia	Sarnia Tp.
Timmins, Town of	Timmins	Porcupine

List of Principal Sand and Gravel Operators, 1950 — Continued

Name of Firm	Head Office Address	Location
Ontario — concluded:		
Totten, L. (w).....	Renfrew	Renfrew
Unger, F.	Brantford	Brantford Tp.
United Towing & Salvage Co. Ltd. (w).....	635 Common St., Montreal, Que.	Lake Superior
Upper Canada Mines Ltd.	1101 Federal Bldg., Toronto	Gauthier Tp.
Webster Sand & Gravel Ltd. (w).....	211 Scarlett Rd., Toronto	York Tp.
West, S.J.	R.R. 3 Sarnia	Sarnia Tp.
Willis & Farrish (w)	Listowel	Maryborough Tp.
Winters, H.E. (w)	Mille Roches	Cornwall Tp.
Wolfe Construction Limited	Timmins	Deloro Tp.
Woollatt Fuel & Supply Co. Ltd. (w)	2171 Ottawa St., Windsor	Leamington
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
Cumming & Dobbie	233 Ninth St., Brandon	Brandon
Greater Winnipeg Water District	185 King St., Winnipeg	Winnipeg
Howe Sound Exploration Co. Ltd.	Snow Lake	Herb Lake
Manitoba Department of Highways	Winnipeg	Various
McCurdy Supply Company Limited	Sargent & Erin Sts., Winnipeg	Winnipeg
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:		
Anderson, J.D.	Unity	Unity
Baron, V.	Burstall	Burstall
Becker, Clifford E.	Nipawin	Nipawin
Bernier, W.	Flin Flon	Flin Flon
Brandhagen, Allen	233 Lorne St. W., Swift Current	Swift Current
Breckenridge Block & Tile Ltd. (w)	Box 54, Pangman	Pangman
Buchanan, Village of	Buchanan	Buchanan
Chappell, P.	Lashburn	Lashburn
Chester, F.	Paddockwood	Paddockwood
Collins, A.E.	Cut Knife	Cut Knife
Coulee, R.M.	Neidpath	Neidpath
Dieno, E. & J.	Leader	Leader
Eamon, H.G. & Co.	Biggar	Biggar
Ferguson, Y.B.	Vesper	Vesper
Flin Flon, Town of	Flin Flon	Flin Flon
Grayson, R.M.	Grayson	Grayson
Gunn, G.F.	Carrot River	Carrot River
Hannah, H.	Waitville	Waitville
Harris, S.	Kipling	Kipling
Holoboff, G.	Kamsack	Kamsack
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, Man.	Flin Flon
Latrace, H.	Box 1162, Saskatoon	Saskatoon
Logan, F.	Gull Lake	Gull Lake
Loveday, R.	Freemont	Freemont
Masters Transport	2179 McTavish St., Regina	Regina
McKay, Chas.	Garrick	Garrick
Meleschak, Peter	Fosston	Fosston
Northern Gravel & Equipment Co. (w)	225 Avenue "I" N., Saskatoon	Saskatoon
Orkney Rural Municipality	Yorkton	Yorkton

List of Principal Sand and Gravel Operators, 1950 — Concluded

Name of Firm	Head Office Address	Location
Saskatchewan — concluded:		
Parkinson, G	Estevan	Estevan
Pilot Butte Sand & Gravel Co. Ltd.	Pilot Butte	Pilot Butte
Pym, A.P.	Keatley	Keatley
Radke, W.	Carrot River	Carrot River
Reardon, T.	Shaunavon	Shaunavon
Robinson, C.R.	Ernfold	Ernfold
Sandbeck, H.	Congress	Congress
Saskatchewan Department of Highways	Regina	Various
Schnell, Frank	Torquay	Torquay
Schwartz, A.	Rhein	Rhein
Silverwood, W.A.	708 Queen St., Saskatoon	Saskatoon
Sliding Hills Rural Municipality	Mikado	Mikado
Thompson, Mrs F.	Grenfell	Grenfell
Torgeson, N.	Limerick	Limerick
Wallace Rural Municipality.....	Yorkton	Yorkton
Western Sand & Gravel Co. Ltd. (w)	506 Westman Chambers, Regina	Belle Plaine
Winters, K.	Quill Lake	Quill Lake
Woods, John	Pathlow	Pathlow
Winters, A.H.	Sedley	Sedley
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
Doncaster Construction Co. Ltd.(w)	Edmonton	Edmonton
Jefferies & Sons Limted (w)	Calgary	Calgary
Mountain View, Municipal District	Didsbury	Didsbury
O.K. Construction & Supply Co. Ltd. (w)....	9531—111th Ave., Edmonton	Edmonton
Smith Construction Ltd (w)	10358—77th Ave., Edmonton	Edmonton
British Columbia:		
Armour Salvage (1949) Ltd.	Prince Rupert	Cassier
Britannia Mining & Smelting Co. Ltd.	Britannia Beach	Britannia Beach
B.C. Electric Railway Co. Ltd.	425 Carroll St., Vancouver	Various
British Columbia Department of Highways	Victoria	Various
Chilliwack, City of	Chilliwack	Chilliwack
Colebrook Sand and Gravel Co.	Cloverdale	Cloverdale
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
Fernie, City of	Fernie	Fernie
Gilley Bros. Limited (w)	902 Columbia St., New Westminster	New Westminster
Gosling, D.F., Gravel Sales (w)	Abbotsford	Abbotsford
Greater Vancouver Sand & Gravel Co. Ltd. (w)	445 West Second Ave., Vancouver	New Westminster
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
Kimberley, City of	Kimberley	Kimberley
McHattie, J.T.	Royal Oak, Saanich	Saanich
McIntosh, A.	Haney	Albion
McIntyre & Harding Gravel Co. Ltd. (w)	Royal Oak, Saanich	Saanich
Nanaimo, City of	Nanaimo	Nanaimo
Nelson, City of (w)	501 Front St., Nelson	Nelson
Pioneer Cement Works (w)	Vernon	Vernon
Pitkethly Brothers Limited (w)	8699 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
Road Materials Ltd.	8699 Hudson St., Vancouver	Lynnmoor
Saanich, Corporation of	Royal Oak, Saanich	Saanich
Taylor, E.R., Construction Co. Ltd.	8699 Hudson St., Vancouver	New Westminster
Trail, City of	Trail	Trail
West Kootenay Power & Light Co. Ltd.	Trail	Trail



