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DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

MINING, METALLURGICAL AND CHEMICAL BRANCH

OTTAWA - CANADA

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THE SAND AND GRAVEL INDUSTRY, 1943

Commercial production of sand and gravel in Canada during 1943 totalled 25,744,469 short tons valued at \$9,005,857 compared with 26,349,907 short tons worth \$9,005,414 in 1942. Included in the totals for both years are sands and gravels from various sources, including recoveries by dredges and material used by railroads as ballast and by mines as backfill.

Quebec and Ontario are Canada's largest sand and gravel producing provinces, the tonnage in these provinces in 1943 being, respectively, 10,601,378 and 8,285,309; in 1943, the quantity of material washed or screened at Canadian sand and gravel plants totalled 2,842,803 short tons as against 3,656,889 tons in 1942, and the quantity of bank or pit-run grades amounted to 22,901,666 short tons compared with a corresponding tonnage of 22,693,018 in the preceding year.

Of the total sand and gravel (mixed) output in 1943, there were 16,060,686 short tons used for concrete, roads, etc., and 3,837,111 short tons as railroad ballast. In addition, there were produced 1,970,316 short tons of straight-run sand for building, concrete, etc.; 42,656 tons for moulding; 1,335 short tons as core sand and 75,898 short tons for other purposes. The quantity of crushed gravel produced during the year under review amounted to 2,269,392 short tons. Sand used as mine fill in 1943 amounted to 1,496,585 short tons.

Firms (including individuals) reported as active in the Canadian sand and gravel industry numbered 1,387 in 1943; of these, 812 were located in Quebec, 517 in Ontario, 23 in British Columbia and lesser numbers in Nova Scotia, New Brunswick, Manitoba, Saskatchewan and Alberta. Capital employed by the industry totalled \$3,674,501; employees were reported at 2,320; salaries and wages paid totalled \$2,683,257; fuel, electricity and process supplies used aggregated \$379,455 and the total net value of production was estimated at \$8,626,422.

Deposits of gravel and sand are numerous throughout Eastern Canada, with the exception of Prince Edward Island, where gravels are scarce. Owing to the widespread occurrence of gravels and sands and to their bulk in relation to value, local needs for these materials are usually supplied from the nearest deposits, as their cost to the consumer is governed largely by the length of haul; hence the large number of small pits and the small number of large plants. Some grades of sand particularly suitable for certain industries command a much higher price than does ordinary sand.

Every province except New Brunswick and Prince Edward Island produces natural bonded moulding sand. One deposit in New Brunswick was operated in 1918 and another in 1921 and 1922. By far the greater part of the output has come from the Niagara Peninsula, Ontario. Occasionally new deposits have been opened up, mostly in Ontario and in the western provinces.

The results of a general investigation of moulding sands in Canada were published in 1936 by the Bureau of Mines, Ottawa, in Report No. 767, "Natural Bonded Moulding Sands of Canada". This report directs attention to the large number of deposits from which supplies have been obtained for local foundries and the possibility of replacing imported material with Canadian sands.

Canadian exports of sand and gravel totalled 382,319 short tons valued at \$212,503 in 1943 compared with 508,950 tons worth \$219,223 in 1942. Imports of sand and gravel in 1943 totalled 83,482 short tons valued at \$53,377 as against 132,452 tons worth \$89,974 in 1942.

Imports into Canada of silica sand for manufacturing totalled 509,043 short tons valued at \$1,011,117 in 1943 as against 540,904 tons worth \$1,011,476 in 1942.

Table 1 - PRODUCTION IN CANADA OF SAND AND GRAVEL, 1942 and 1943

	Washed or screened Tons	Bank or pit run Tons	TOTAL VALUE \$
<u>1 9 4 2</u>			
<u>Production (x) -</u>			
<u>Sand:</u>			
Moulding sand	25,753	10,054	41,825
Building sand and sand for concrete, roadwork, etc.	1,617,886	917,480	934,777
Core sand	2,454	240	5,670
Mine filling .....	...	836,757	147,602
Other sand (including blast sands, engine sands, etc.)	2,727	51,502	12,534
<u>Sand and Gravel:</u>			
Sand and gravel for railway ballast	275,814	4,534,509	957,781
Sand and gravel for concrete, road-building, etc. .	1,342,011	14,797,848	8,010,412
Crushed gravel	390,244	1,744,928	896,813
TOTAL	<u>3,656,882</u>	<u>22,693,018</u>	<u>9,005,414</u>
Cost of fuel, electricity and process supplies used	...	...	677,149
TOTAL NET VALUE	<u>...</u>	<u>...</u>	<u>8,328,265</u>
<u>1 9 4 3</u>			
<u>Production (x) -</u>			
<u>Sand:</u>			
Moulding sand	28,015	14,643	78,199
Building sand and sand for concrete, roadwork, etc.	1,155,955	816,563	775,592
Core sand	1,385	...	2,052
Mine filling	118,838	1,567,747	270,863
Other sand (including blast sands, engine sands, etc.)	4,959	70,929	15,577
<u>Sand and Gravel:</u>			
Sand and gravel for railway ballast	81,697	3,755,414	712,140
Sand and gravel for concrete, read-building, etc. .	1,247,057	14,815,629	6,155,625
Crushed gravel	206,951	2,062,941	998,029
TOTAL	<u>2,842,805</u>	<u>22,901,666</u>	<u>9,005,857</u>
Cost of fuel, electricity and process supplies used	...	...	579,435
TOTAL NET VALUE	<u>...</u>	<u>...</u>	<u>8,626,422</u>

(x) Does not include production of natural silica sand or of silica sand manufactured from quartz or silica rock; production of these are recorded under quartz in the Bulletin "The Feldspar and Quartz Mining Industry".

Table 2 - PRODUCTION(x) OF SAND AND GRAVEL IN CANADA, 1934-1943

Year	Tons	\$	Year	Tons	\$
1934	14,354,159	4,035,477	1939	31,294,341	11,241,102
1935	21,213,489	6,389,440	1940	31,375,415	11,759,245
1936	22,124,160	6,921,599	1941	31,604,806	10,375,723
1937	27,001,301	10,492,696	1942	26,349,907	9,005,414
1938	32,223,882	12,002,554	1943	25,744,469	9,005,857

(x) Does not include production of natural silica sand or of silica sand manufactured from quartz or silica rock; production of these are recorded under quartz. Also, does not include sand used for back filling at mines prior to 1936.

Sand and Gravel

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Table 3 - PRODUCTION OF SAND AND GRAVEL, BY PROVINCES, 1940-1945

Province		1940	1941	1942	1943
Prince Edward Island	Tons	(x)	(x)	(x)	(x)
	\$	(x)	(x)	(x)	(x)
Nova Scotia	Tons	1,440,140	749,441	775,795	917,376
	\$	867,490	532,531	571,970	585,007
New Brunswick	Tons	944,053	962,483	925,020	719,531
	\$	278,710	425,772	540,541	372,936
Quebec	Tons	12,177,624	11,681,590	11,026,249	10,601,376
	\$	5,127,931	2,675,300	2,485,853	2,362,635
Ontario	Tons	9,678,745	11,569,382	8,420,358	8,285,309
	\$	4,025,026	4,524,483	3,453,986	3,620,852
Manitoba	Tons	1,851,845	1,503,901	1,443,001	1,048,675
	\$	859,993	429,996	427,150	295,938
Saskatchewan	Tons	1,472,885	1,220,801	679,979	1,288,263
	\$	741,553	406,855	455,798	585,687
Alberta	Tons	1,722,465	956,484	481,644	626,157
	\$	1,069,677	453,504	218,914	509,589
British Columbia	Tons	2,087,878	2,960,924	2,599,361	2,257,784
	\$	809,075	1,151,322	1,091,202	877,413

(x) No commercial production reported.

Table 4 - PRODUCTION OF WASHED AND SCREENED AND PIT RUN GRADES, 1945

Province	Washed or screened	Bank or pit run	TOTAL VALUE
	Tons	Tons	\$
Nova Scotia	53,973	883,403	585,007
New Brunswick .....	...	719,531	372,936
Quebec	391,297	10,210,079	2,362,635
Ontario	1,652,094	6,653,215	3,620,852
Manitoba	113,083	935,665	295,938
Saskatchewan .....	...	1,288,263	585,687
Alberta	54,499	571,658	509,589
British Columbia	597,932	1,659,852	877,413
TOTAL	2,842,803	22,901,666	9,005,857

Table 5 - PRODUCTION OF SAND FOR BUILDING AND CONCRETE, ROADS, ETC., AND SAND AND GRAVEL FOR RAILWAY
BALLAST AND FOR CONCRETE, ROADS, ETC., 1934-1945

Year	Sand		Sand and Gravel			
	For building, con- crete, roads, etc. (x)		For railway ballast		For concrete, roads, etc.	
	Tons	\$	Tons	\$	Tons	\$
1934	686,631	209,002	1,454,618	286,292	12,418,408	3,411,751
1935	787,412	264,455	2,267,195	415,092	17,531,047	5,357,531
1936	956,502	562,542	6,518,681	1,054,703	14,336,640	5,216,942
1937	1,356,269	476,824	2,764,659	533,876	19,453,188	8,340,764
1938	1,750,187	685,976	2,559,705	445,956	22,515,256	9,101,882
1939	1,169,899	564,829	5,223,718	603,288	22,899,751	8,988,114
1940	1,961,604	537,937	3,834,904	699,518	21,465,961	9,100,612
1941	2,192,405	729,901	4,836,908	916,979	19,769,798	7,135,258
1942	2,535,366	934,777	4,610,323	957,781	16,139,859	6,010,412
1943 -						
Nova Scotia	84,232	12,479	154,887	20,640	518,568	420,815
New Brunswick .....	...	...	228,190	56,722	460,459	315,026
Quebec	935,680	274,246	1,140,515	214,545	6,700,059	1,194,112
Ontario	811,043	432,404	1,235,220	214,656	5,141,510	2,616,766
Manitoba	22,490	10,161	263,879	44,229	761,441	238,163
Saskatchewan	1,018	87	456,684	71,348	781,621	503,416
Alberta	9,685	15,572	152,107	21,593	456,090	272,357
British Columbia	106,168	32,443	225,831	88,407	1,240,978	596,970
CANADA	1,970,516	775,392	3,837,111	712,140	16,060,686	6,155,625

(x) Exclusive of engine and other sands and mine fill.

Sand and Gravel

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Table 6 - PRODUCTION OF MOULDING AND CORE SAND AND CRUSHED GRAVEL, 1943

Province	Moulding Sand		Core Sand		Crushed Gravel	
	Tons	\$	Tons	\$	Tons	\$
Nova Scotia	1,219	4,571	...	...	178,470	126,502
New Brunswick .....	...	...	...	...	30,902	23,188
Quebec .....	...	...	...	...	1,825,590	679,506
Ontario	40,082	69,935	1,335	2,052	145,569	106,325
Manitoba	863	1,385	...	...	...	...
Saskatchewan	20	45	...	...	...	...
Alberta .....	...	...	...	...	...	...
British Columbia	472	263	...	...	91,361	62,708
CANADA, 1943	42,656	76,199	1,335	2,052	2,269,892	998,029
CANADA, 1942	35,807	41,825	2,694	3,670	2,135,072	896,813

Table 7 - PRINCIPAL STATISTICS OF THE SAND AND GRAVEL INDUSTRY IN CANADA(x), 1941-1943

	1941	1942	1943
Number of firms	1,399	1,419	1,387
Capital employed	\$ 4,287,789	\$ 4,477,547	\$ 3,674,501
Number of employees—On salary	109	113	89
On wages	3,143	2,028	2,231
Total	3,252	2,141	2,320
Salaries and wages—Salaries	\$ 214,840	\$ 224,868	\$ 182,034
Wages	\$ 2,780,636	\$ 2,179,887	\$ 2,501,225
Total	\$ 2,995,526	\$ 2,404,755	\$ 2,683,257
Selling value of sand and gravel produced by railway companies (Gross)	\$ 821,789	\$ 844,829	\$ 825,067
Selling value of sand and gravel produced by other operators (Gross)	\$ 9,553,934	\$ 8,160,585	\$ 8,182,790
Total Selling Value of Sand and Gravel Produced (Gross)	\$ 10,375,723	\$ 9,005,414	\$ 9,005,857
Cost of fuel and electricity	\$ 389,643	\$ 509,190	\$ 322,302
Cost of process supplies used	\$ 85,004	\$ 167,959	\$ 57,233
TOTAL NET VALUE OF PRODUCTION	\$ 9,901,076	\$ 8,328,265	\$ 8,626,422

(x) Includes data relating to sand production by dredgers and railways.

Table 8 - CAPITAL EMPLOYED, NUMBER OF EMPLOYEES, SALARIES AND WAGES PAID, AND FUEL AND ELECTRICITY CONSUMED, BY PROVINCES, 1942 and 1943

Province	Number of operators (x)	Capital employed (\$)	Number of employees	Salaries and wages (\$)	Cost of fuel and electricity used (\$)	Cost of process supplies used (\$)	Net value of production (\$)
<u>1942</u>							
Nova Scotia	5	(x)	228	121,791	(x)	(x)	371,970
New Brunswick ..	6	40,000	146	77,277	3,651	8,591	528,299
Quebec	800	220,814	885	988,687	208,176	125,608	2,152,069
Ontario	554	1,920,726	369	493,162	228,037	4,872	3,201,077
Manitoba	11	810,064	266	343,009	19,384	24,113	383,653
Saskatchewan ...	10	5,000	28	46,464	872	364	433,962
Alberta	7	62,759	64	107,534	12,895	1,398	204,621
British Columbia	26	1,418,184	155	227,931	36,175	2,413	1,052,614
<u>1943</u>							
Nova Scotia	5	(x)	614	552,647	(x)	(x)	595,007
New Brunswick ..	4	5,000	138	119,670	(x)	(x)	372,836
Quebec	812	250,077	781	810,722	34,158	11,889	2,316,588
Ontario	517	1,260,097	336	469,591	221,425	14,638	3,784,789
Manitoba	10	543,568	187	221,308	10,737	15,099	268,106
Saskatchewan ...	10	113,692	36	68,238	811	12,212	570,664
Alberta	6	58,071	84	143,576	11,388	1,572	206,429
British Columbia	23	1,443,996	144	227,505	47,637	1,823	331,203

(x) Complete data not available.

Table 9 - FUEL AND ELECTRICITY USED, 1942 and 1943

Kind	Unit of measure	1 9 4 2		1 9 4 3	
		Quantity	Value	Quantity	Value
Bituminous coal—Canadian	short ton	4,882	40,602	5,063	42,785
Foreign	short ton	12,767	93,818	9,348	67,849
Anthracite coal	short ton	5	75	...	...
Coke	short ton	22	373	...	...
Gasoline	Imp.gal.	746,874	265,603	532,133	98,011
Kerosene	Imp.gal.	5,394	840	1,045	231
Fuel oil	Imp.gal.	201,426	59,367	97,224	15,326
Wood	cord	303	1,840	10	35
Natural gas	M cu.ft.	49	23	...	...
Electricity purchased	K.W.H.	6,537,012	66,649	10,859,629	99,965
TOTAL .....	...	...	509,190	...	322,202

Table 10 - AVERAGE NUMBER OF WAGE-EARNERS, BY MONTHS, 1939-1943

Month	1939	1940	1941	1942	1943(x)
January	203	274	450	569	535
February	245	268	440	434	358
March	340	346	517	524	567
April	821	629	815	782	665
May	11,054	3,275	4,400	3,796	3,510
June	13,444	8,182	8,493	5,352	5,155
July	13,591	11,504	8,023	4,787	5,753
August	12,451	11,526	7,225	5,183	4,247
September	10,253	8,644	5,421	1,835	2,870
October	5,199	3,572	2,570	1,142	2,095
November	1,032	886	764	954	714
December	382	628	412	528	480

(x) Average for year 2,227 males and 4 females.

Table 11 - NUMBER OF WAGE-EARNERS WHO WORKED THE NUMBER OF HOURS SPECIFIED, DURING ONE WEEK IN MONTH OF HIGHEST EMPLOYMENT, 1943

Hours	Number	Hours	Number
30 hours or less	16	51-54 hours	45
31-43 hours	34	55 hours	11
44 hours	52	56-64 hours	266
45-47 hours	24	65 hours and over	158
48 hours	5,391	GRAND TOTAL	5,983
49-50 hours	6	Total wages paid in that week \$	115,936

Table 12 - POWER EQUIPMENT INSTALLATION, 1943

	Number of units (x)	Horse power
Steam engines	11	629
Steam turbines .....	...	...
Diesel engines	6	520
Gasoline, gas and oil engines	58	2,170
Hydraulic turbines or water wheels	7	240
Electric motors operated by purchased power	195	5,021
Electric motors operated by establishments' power .....	...	...
Motor generator sets	4	1,610
Stationary boilers	9	647

(x) Includes reserve equipment.

PRINCIPAL SAND AND GRAVEL OPERATORS, 1943

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
<u>Nova Scotia -</u>		
Crockett, V. E.	71 King St., Truro	Colchester Co.
Nova Scotia Department of Highways	Halifax	Various
Warren Bituminous Paving Co. (w)	1454 Bloor St. W., Toronto 9, Ont.	Yarmouth
<u>New Brunswick -</u>		
Likely, Jas. A. Ltd. (w)	Saint John	East Saint John
New Brunswick Department of Highways	Fredericton	Various
<u>Quebec -</u>		
Beaudry, Antoine	1706 Plessier, Montreal	St. Henri
Pelanger & Peltier	St. Aime	St. Germain and St. Dominique
Bigras, Omer	Ste. Rose Ouest	Ste. Rose Ouest
Bonner Sand & Ballast Ltd. (w)	1434 St. Catherine St. W., Montreal	South Durham
Proisseur, S.	McWatters	McWatters
Green, Thos.	Kearns, Ont.	Guigues
Brouillet Sand & Gravel Co.	Rawdon	Ste. Julienne
Canadian Johns-Manville Co. Ltd.	Sun Life Bldg., Montreal	Asbestos
Coaticook, Ville de (w)	Coaticook	Coaticook
Compagnie de Sable Ltée (w)	10 .. 3eme Ave., Quebec	St. Charles River
Consolidated Gka Sand & Gravel Co. Ltd. (w)	248 McCord St., Montreal	Lake of Two Mountains
Gagnon, Arthur	Grand'Mere	Guineau Jct.
Gagnon, L. P.	St. David de Levis	St. Charles River
General Crushing Co.	43 Pint Ave., Quebec	Rosaire
Goyer, Edouard & Frere	St. Bruno	St. Bruno
Granby, City of	Granby	Granby
Hains, Alexandre	Besnoort	Beaumont
Leberge, Evariste	Ste. Foy	Ste. Foy
La Corporation de Ville de Magog	Magog	Magog
Létulippe, Philippe (w)	290 rue de la Ronde, Quebec	St. Charles River
Marchand, Euclide	Almaville	Mont Carmel
Mercure, Camille	St. Hyacinthe	St. Dominique
Quebec, City of	Quebec	Ste. Therese de Beaumont
Riverin, Jean Joseph	Arvida	Various
Robert & Lafour	Ste. Anne de Beaupre	Beaumont West
St. Francis River Dredging Co. (w)	St. Francois du Lac	St. Francis River
Sherbrooke, City of	Sherbrooke	Orford Tp.
Standard Lime Co. Ltd. (w)	Joliette	Ste. Emelie
Standard Sand & Gravel Ltd. (w)	St. Felix de Valois	St. Felix de Valois
Two Mountains Sand Co.	Canada Cement Bldg., Montreal	Pt. Calumet
Venne, Oscar	Lachenaie	Lachenaie
<u>Ontario -</u>		
Adair, Dolson	Caledon East	Caledon East
Barnes, Wm., Co. Ltd. (w)	243 Cumberland Ave., Hamilton	Waterdown
Benson & Patterson	Stamford	Stamford
Boyd Bros.	Osgoode	Osgoode
Burras, John	North Bay	Widdifield Tp.
Conlin, Herbert L. (w)	Highland Creek	Scarboro Tp.
Consolidated Sand & Gravel Ltd. (w)	402 Harbour Commission Bldg., Toronto 1	Fuller, Paris and Waterford

PRINCIPAL SAND AND GRAVEL OPERATORS, 1943

(Continued)

Name of Firm	Head Office Address	Location
<u>Ontario</u> (Con.) -		
Dibblee Construction Co. Ltd. (w)	248 Albert St., Ottawa	Bowesville Road
Dominion Concrete Co. Ltd. (w)	Kemptville	Kemptville
Ellins Bros. (w)	304 Scarlett Rd., Toronto 2	Etobicoke Tp.
Gauthier, John (w)	Porcupine	Whitney Tp.
Goodreau, Charles, Estate of (w)	Northwood	Harwich Tp.
Grandmaitre, Donat	71 Montreal Rd., Eastview	Rockliffe Village
Hollinger Cons. Gold Mines Ltd.	Timmins	Tisdale Tp.
Howard Sand & Gravel Co. Ltd. (w)	Aldershot	E. Flamboro Tp.
Jones, John D.	Wilton Grove	Wilton Grove
Kingston Sand & Gravel Ltd.	235 Wellington St., Kingston	Kingston Tp.
McAuley, P. L.	Trenton	Trenton
McLean, A. B. & Sons (w)	Sault Ste. Marie	Sault Ste. Marie
National Sand & Material Co. Ltd. (w)	402 Harbour Bldg., Toronto	Point Pelee, Niagara River
Nicholson Transit Co. (w)	River Rouge, Mich., U.S.A.	Eastern Cap
Quigley's Foundry Sands (w)	Bartonville	Waterdown
Rayner Construction Ltd. (w)	Leaside	Fergus and Geraldton
Scott, T. J. (w)	489 Bay St., Sault Ste. Marie	Lake Superior
Spratt, G. H. (w)	Billings Bridge	Billings Bridge
Tees Transit Co. (w)	58 Whitton Rd., Hamilton	Niagara Bar
Towlan Construction Co. Ltd. (w)	294 Dundas St. N., London	Dorchester Tp.
United Towing & Salvage Co. (w)	635 Common St., Montreal, Que.	Lake Superior
Warren Bituminous Paving Co. Ltd. (w)	1454 Bloor St. W., Toronto 9	Huntsville
White, Bertha M. (w)	209 N. Vidal St., Sarnia	Sarnia
Woollatt Fuel & Supply Co. Ltd. (w)	Walkerville	Leamington
<u>Manitoba</u> -		
Alsip Brick Tile & Lumber Co. Ltd.	537 Portage Ave., Winnipeg	Beausejour
Brandon, City of	Brandon	Brandon
Building Products & Coal Co. Ltd.	111 Christie St., Winnipeg	Birds Hill
Greater Winnipeg Water District	185 King St., Winnipeg	Mile 31 and Mile 80, G.W.W.D. Ry.
Manitoba Department of Highways	Winnipeg	Various
McCurdy Supply Co. Ltd. (w)	1034 Arlington St., Winnipeg	...
Winnipeg, City of	223 James Ave., Winnipeg	Birds Hill
<u>Saskatchewan</u> -		
Betteridge, Stanley	Pilot Butte	Pilot Butte
Fenton, H. G. & Co.	Biggar	Biggar
Hudson Bay Mining & Smelting Co. Ltd.	500 Royal Bank Bldg., Winnipeg, Man.	Flin Flon
North Battleford, City of	1201 King St., North Battleford	North Battleford
Prince Albert, City of	Prince Albert	Prince Albert
Saskatchewan Department of Highways	Regina	Various
Tobiassen, Martin	Sceptre	Sceptre
Wamsley, R.	Snipe Lake	Snipe Lake
<u>Alberta</u> -		
Alberta Department of Highways	Edmonton	Various
Cristall Sand	10165 .. 104th St., Edmonton	Perryvale
Jefferies & Sons Ltd. (w)	Calgary	Calgary

Sand and Gravel

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PRINCIPAL SAND AND GRAVEL OPERATORS, 1943

(Concluded)

Name of Firm	Head Office Address	Location
<u>British Columbia -</u>		
Armstrong, City of	Armstrong	Vernon
British Columbia Department of Highways		Various
Chilliwack, City of	Victoria	Chilliwack Tp.
Consolidated Mining & Smelting Co. Ltd. (w)	Chilliwack	
Deeks Sand & Gravel Co. Ltd. (w)	Trail 101 West First Ave., Vancouver	Fort Steele and Tadanac Seymour Creek, North Vancouver and Coquitlam
Fernie, City of	Fernie	Fernie
Gilley Bros. Ltd. (w)	902 Columbia St., New Westminster	Port Coquitlam
Gravel Contractors Ltd.	Dawson Creek	Pouce Coupe River
HIGHLAND Sand & Gravel Co. Ltd. (w)	Lynnmore	Lynnmore
Hillside Sand & Gravel Co. Ltd. (w)	1075 Main St., Vancouver	Hillside and Howe Sound
McIntyre & Harbing (w)	Royal Oak P.O., Saanich	Victoria
Nelson, City of (w)	501 Front St., Nelson	Nelson
Pitkethly Bros. (w)	8699 Angus Drive, Vancouver	Vancouver
Port Alberni, City of	Port Alberni	Alberni District
Port Coquitlam, City of	Port Coquitlam	Port Coquitlam
Producers Sand & Gravel Co. (1929) Ltd. (w)	1902 Store St., Victoria	Esquimalt
Road Materials Ltd. (w)	8699 Hudson St., Vancouver	North Vancouver
Saanich, District of	Royal Oak P.O., Vancouver Island	Saanich Municipality