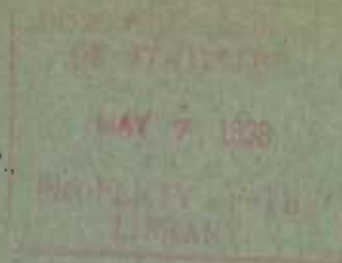


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Minister of Trade and Commerce.



CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
MINING, METALLURGICAL & CHEMICAL BRANCH

THE SAND AND GRAVEL INDUSTRY
IN
CANADA
1936



OTTAWA
1938

Price 15 cents

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OTTAWA - CANADA

Dominion Statisticians: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
Chief - Mining, Metallurgical and Chemical Branch: W. H. Losee, B.Sc.
Mining Statistician: R. McDowall, B.Sc.

SAND AND GRAVEL MINING INDUSTRY, 1936.

Commercial production of sand and gravel in Canada during 1936, including that obtained by dredging, totalled 22,124,160 short tons valued at \$6,921,399, according to finally revised statistics prepared by the Mining, Metallurgical and Chemical Branch, of the Dominion Bureau of Statistics, Ottawa. The 1936 output of these materials represents an increase of 4.3 per cent in tonnage and 8.3 per cent in value over that of the preceding year and was the greatest annual production since 1930.

Of the total quantity of sand and gravel produced in 1936, 38.41 per cent came from properties located in Ontario, 24.82 per cent from Quebec, 8.50 per cent from Nova Scotia, 8.37 per cent from Manitoba, and 7.92 per cent from British Columbia; lesser quantities were recorded for New Brunswick, Saskatchewan, Alberta, and Prince Edward Island.

In 1936, shipments of screened or washed sand and gravel totalled 3,254,222 short tons compared with corresponding shipments of 9,069,464 short tons in 1935. Production of bank or pit-run material in 1936 amounted to 18,869,938 short tons, or an increase of 55.4 per cent above the output of similar products in the preceding year.

During the year under review, 6,318,681 short tons of sand and gravel were utilized as railway ballast and 14,336,640 short tons consumed in concrete and highway construction. In the same period producers' shipments of moulding and core sands amounted to 17,686 short tons valued at \$18,408, while production of "straight" sand, washed and pit-run, for building and various other purposes totalled 970,637 short tons worth \$366,880.

The number of operators reporting production of sand and gravel in 1936 totalled 1,356; capital employed amounted to \$2,994,127 and \$2,090,388 were distributed by the industry to 3,638 employees.

Imports of silica sand and sillex (crystallized quartz) in 1936 amounted to 147,667 short tons valued at \$355,217 and in the same year imports of sand and gravel, n.o.p., totalled 121,937 short tons appraised at \$77,668. Exports of sand and gravel from Canada during 1936 totalled 333,438 short tons worth \$73,624 compared with 100,157 short tons at \$21,446 in 1935.

For several years past the Bureau of Mines, Ottawa, has been conducting a general investigation of the natural-bonded moulding sands of Canada, with particular reference to available data concerning all known deposits. A report, No. 767 - Natural Bonded Moulding Sands of Canada - and a French edition -

No. 768 - Les Sables Naturels de Moulage au Canada - draw attention to the large number of deposits from which supplies have been used for local foundries, and to the probability of replacing imported material with Canadian sands. An investigation was started by the Bureau of Mines, Ottawa, on the possibility of producing artificial or synthetic moulding sands from selected sands and the plastic fireclays and bentonite of Canadian origin.

The following information is from the 1937 Minerals Yearbook of the United States Bureau of Mines - "Foster and Walker (National Sand and Gravel Association) reported the results of research on strength and wear tests of gravels and crushed-stone concrete. They concluded that the shape of the particles has little effect on strength, although rounded aggregates permit the use of a richer mortar because of the lower percentage of voids. Of particular interest was their finding that crushed stone rounded mechanically and used in concrete gave the same compressive and flexural strengths as angular crushed stone with the same cement content.

"Several companies are operating mixing plants to prepare material for so-called stabilized roads. Sand, gravel, and clay are mixed in the proper proportions with calcium chloride, sodium chloride, or possibly some other binding agent, and trucked to the job. This type of construction is becoming increasingly popular for low-cost secondary roads but probably does not afford a wide market for permanent plants, except under special conditions."

Table 1 - PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF SAND AND GRAVEL, 1935 and 1936.

	Washed or Screened	Bank or Pit-run	TOTAL VALUE
	Tons	Tons	\$
<u>1</u> <u>9</u> <u>3</u> <u>5</u>			
<u>PRODUCTION (x)</u>			
<u>SAND</u>			
Moulding sand	1,504	11,709	14,674
Building sand and sand for concrete, roadwork, etc.	545,402	242,010	264,435
Core sand	135	1,247	1,464
Other sand (including blast sands, engine sands, etc.) ..	4,014	38,686	9,145
<u>SAND AND GRAVEL -</u>			
Sand and gravel for railway ballast	42,484	2,224,711	415,092
Sand and gravel for concrete, road-building, etc.	8,232,084	9,298,963	5,357,331
Crushed gravel	243,841	326,699	327,299
TOTAL	9,069,464	12,144,025	6,389,440 (Gross)
Cost of fuel, electricity and process supplies used .....	...	...	116,063
TOTAL NET VALUE .....	...	...	6,273,377
<u>IMPORTS -</u>			
	<u>Tons</u>		<u>\$</u>
Sand, silica, for glass and carborundum manufacture, etc.	123,575		282,930
Sand and gravel, n.o.p.	97,952		81,483
Silica or crystallized quartz, ground or unground	3,359		75,768
Canister	2,151		8,395
TOTAL .....	...		448,576
<u>EXPORTS -</u>			
Sand and gravel	100,157		21,446

Table 1 - PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF SAND AND GRAVEL, 1935 and 1936. (concluded)

	Washed or Screened	Bank or Pit-run	TOTAL VALUE
	Tons	Tons	\$
<u>1</u> <u>9</u> <u>3</u> <u>6</u>			
<u>PRODUCTION (x)</u>			
<u>SAND -</u>			
Moulding sand	1,187	15,538	16,951
Building sand and sand for concrete, roadwork, etc.	552,691	403,811	362,542
Core sand .....	...	961	1,457
Other sand (including blast sands, engine sands, etc.) ..	2,328	11,807	4,338
<u>SAND AND GRAVEL -</u>			
Sand and gravel for railway ballast	202,162	6,116,519	1,054,703
Sand and gravel for concrete, road-building, etc.	2,378,792	11,957,848	5,216,942
Crushed gravel	117,062	363,454	264,466
TOTAL	3,254,222	18,869,938	6,921,399 (Gross)
Cost of fuel, electricity and process supplies used .....	...	...	101,059
TOTAL NET VALUE .....	...	...	6,820,340
<u>IMPORTS -</u>			
	<u>Tons</u>		<u>\$</u>
Sand, silica, for glass and carborundum manufacture, etc.(a)	143,611		270,824
Sand and gravel, n.o.p.	121,937		77,668
Silex or crystallized quartz, ground or unground	4,056		84,393
Ganister	4,097		8,140
TOTAL .....	...		441,025
<u>EXPORTS -</u>			
Sand and gravel	333,438		73,624

(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.

(a) Of the 1936 imports, 139,071 tons came from the United States.

Table 2 - PRODUCTION(x) OF SAND AND GRAVEL IN CANADA, 1927 - 1936.

Year	Tons	\$	Year	Tons	\$
1927.....	22,952,819	6,055,601	1932	14,469,942	4,480,596
1928	28,102,917	5,809,431	1933	11,738,923	4,464,285
1929	27,846,945	7,317,814	1934	14,854,159	4,035,477
1930	28,547,511	8,344,913	1935	21,213,489	6,589,440
1931	21,748,586	6,651,165	1936	22,124,160	6,921,399

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

Table 3 - PRODUCTION OF SAND AND GRAVEL, BY PROVINCES, 1932 - 1936.

Province		1 9 3 2	1 9 3 3	1 9 3 4	1 9 3 5	1 9 3 6
Prince Edward Island	Tons	(a)	(a)	(a)	(a)	66,975
	\$	(a)	(a)	(a)	(a)	27,663
Nova Scotia	Tons	423,487	282,228	256,572	1,423,557	1,830,496
	\$	136,677	126,031	114,597	685,973	913,703
New Brunswick	Tons	569,150	496,961	568,064	1,813,206	970,945
	\$	447,239	331,497	322,238	845,981	567,797
Quebec	Tons	3,458,123	3,356,232	3,672,582	5,268,987	5,490,230
	\$	893,896	942,429	980,454	1,442,468	1,418,231
Ontario	Tons	6,994,447	5,967,994	7,880,959	8,770,117	8,498,153
	\$	1,971,239	2,517,230	1,821,699	2,211,406	2,227,620
Manitoba	Tons	440,309	288,214	334,026	1,399,659	1,852,606
	\$	188,974	108,828	95,426	404,730	545,130
Saskatchewan	Tons	362,841	104,400	533,575	502,732	716,910
	\$	66,942	19,731	163,033	171,170	284,531
Alberta	Tons	734,067	281,122	650,232	653,511	894,380
	\$	250,025	85,577	196,898	146,092	339,923
British Columbia	Tons	1,487,513	961,672	958,149	1,381,720	1,753,415
	\$	525,604	332,962	335,142	481,620	596,796

Table 4 - PRODUCTION OF SAND FOR BUILDING AND CONCRETE, ROADS, ETC., and SAND AND GRAVEL FOR RAILWAY BALLAST AND FOR CONCRETE, ROADS, ETC., 1931 - 1936.

Year	S A N D		S A N D A N D G R A V E L			
	For building, concrete, roads, etc.		For railway ballast		For concrete, roads, etc.	
	Tons	\$	Tons	\$	Tons	\$
1931	3,183,428	1,069,210	3,593,451	459,531	14,352,283	4,784,298
1932	2,368,304	745,091	2,097,224	324,648	9,604,113	3,181,105
1933	775,412	218,559	561,538	110,449	9,957,832	3,907,911
1934	686,631	209,002	1,454,618	266,292	12,418,408	3,411,751
1935	787,412	264,435	2,267,195	415,092	17,531,047	5,357,331
1936	956,502	362,542	6,313,631	1,054,703	14,336,640	5,216,942

Table 5 - PRINCIPAL STATISTICS OF THE SAND AND GRAVEL INDUSTRY IN CANADA(x), 1934 - 1936.

	1 9 3 4	1 9 3 5	1 9 3 6
Number of firms	794	1,398	1,356
Capital employed	\$ 4,377,551	4,849,702	2,994,127
Number of employees - On salary	60	69	66
On wages	1,851	2,946	3,572
Total	1,911	3,015	3,638
Salaries and wages - Salaries	\$ 75,745	89,547	103,587
Wages	1,161,074	2,389,871	1,986,801
Total	1,236,819	2,479,418	2,090,388

Table 5 - PRINCIPAL STATISTICS OF THE SAND AND GRAVEL INDUSTRY IN CANADA(x), 1934 - 1936. (concluded)

	1 9 3 4	1 9 3 5	1 9 3 6
Cost of fuel and electricity	\$ 155,194	110,300	72,836
Cost of process supplies used	\$ (a)	5,763	28,223
Selling value of sand and gravel produced by railway companies	\$ 269,280	460,972	942,090
Selling value of sand and gravel produced by other operators	\$ 3,766,197	5,928,468	5,979,509
Total Selling Value of Sand and Gravel Produced	\$ 4,035,477	6,389,440	6,921,599

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

(a) Data not available.

Table 6 - CAPITAL EMPLOYED, NUMBER OF EMPLOYEES, SALARIES AND WAGES PAID, and FUEL AND ELECTRICITY CONSUMED, BY PROVINCES, 1935 and 1936.

Province	Number of operators	Capital employed	Number of employees	Salaries and wages paid	Cost of fuel and electricity used
		\$		\$	\$
<u>1 9 3 5</u>					
Nova Scotia	7	(a)	357	503,191	(a)
New Brunswick	6	30,000	842	758,131	(a)
Quebec	778	204,789	1,177	756,360	14,043
Ontario	553	3,062,968	298	197,605	70,923
Manitoba	14	809,798	101	96,082	7,829
Saskatchewan	5	(a)	100	61,599	(a)
Alberta	9	5,000	64	42,834	(a)
British Columbia	26	737,147	76	63,616	17,505
<u>1 9 3 6</u>					
Nova Scotia (x)	7	(a)	435	469,583	(a)
New Brunswick	6	5,000	114	61,106	(a)
Quebec	833	412,263	1,434	736,823	8,104
Ontario	460	1,623,438	529	237,284	41,579
Manitoba	12	576,949	675	306,380	8,215
Saskatchewan	6	(a)	159	132,401	(a)
Alberta	8	500	152	48,190	(a)
British Columbia	24	375,977	140	98,621	14,938

(a) Complete data not available.

(x) Includes Prince Edward Island.

Table 7 - AVERAGE NUMBER OF WAGE-EARNERS, BY MONTHS, 1932 - 1936.

Month	1932	1933	1934	1935	1936
January	310	112	122	122	186
February	306	108	122	116	169
March	301	131	387	138	221
April	771	402	596	1,088	315
May	3,130	5,646	3,128	6,117	4,502
June	3,713	6,172	3,895	6,664	8,703
July	3,737	6,275	4,167	6,754	8,785
August	3,816	6,381	4,219	6,806	5,087
September	3,388	3,087	2,418	4,988	4,656
October	715	762	940	1,483	1,319
November	500	586	400	544	420
December	329	363	316	406	256

Table 8 - FUEL AND ELECTRICITY USED, 1935 and 1936.

Kind	Unit of measure	1 9 3 5		1 9 3 6	
		Quantity	Value	Quantity	Value
			\$		\$
Anthracite coal	short ton	390	2,015	...	...
Bituminous coal - Canadian	short ton	3,578	21,589	636	4,219
Foreign	short ton	4,739	29,243	1,168	8,315
Coke	short ton	3	30	2	22
Gasoline (exclusive of motor vehicles)	Imp. gal.	65,971	14,801	54,616	11,879
Kerosene	Imp. gal.	3,736	578	210	44
Fuel oil	Imp. gal.	2,410	253	27,799	2,950
Wood	cord	53	181	12	56
Natural gas	M cu.ft.	5,535	2,227	51	31
Other fuel .....	\$	...	1,391	...	2,794
Electricity purchased	K. W. H.	2,005,582	37,992	3,046,681	42,582
TOTAL .....	\$	...	110,300	...	72,836

Table 9 - POWER EQUIPMENT INSTALLATION, 1936.

	Number of Units	Horse power
Steam engines and steam turbines	16	788
Diesel engines	1	135
Gasoline, gas and oil engines	32	1,207
Hydraulic turbines or water wheels	54	1,531
Electric motors operated by purchased power	97	3,176
Electric motors operated by establishments' power	1	20
Boilers	12	490

SAND AND GRAVEL OPERATORS, 1956.

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

<u>Name of Firm</u>	<u>Head Office Address</u>	<u>Location</u>
NOVA SCOTIA -		
McSween, A. H.	Ironville	Ironville
Nova Scotia Department of Highways	Halifax	Various
Walker, A. G.	Bridgetown	Near Bridgetown
NEW BRUNSWICK -		
Anderson, A. W.	Fairville	Fairville
Likely, Jos. A., Ltd.	Saint John	East Saint John
Maxwell, Chas., & Son	St. Stephen	St. Stephen
New Brunswick Department of Highways	Fredericton	Various
QUEBEC -		
Alcoa Power Co. Ltd.	Chute a Caron P.O. Racine	Racine
Bigras, Honore	St. Vincent de Paul	Laval Co.
Bigras, Omer	Ste-Rose Ouest	Ste-Rose Ouest
Bitumen Products Corp.	3590 St. Patrick St., Montreal	Thurso
Bonner Sand & Ballast Ltd.	1434 St. Catherine St. W., Montreal	South Durham, Abbotsford.
Brouillet Sand & Gravel	Rawdon	St. Julienne
Coaticook, Ville de	100 Child St., Coaticook	Coaticook
Cie de Sable, Ltee., La	10 Third Ave., Quebec	St. Charles River
Consolidated Oka Sand & Gravel Co. Ltd.	248 McCord St., Montreal	Lake of Two Mountains
Dutrisac, Noel	Ste-Rose	Ste-Rose
Foundation Maritime Ltd.	135 Lower Water St., Halifax, N.S.	Baie Comeau
Gosselin & Gosselin	Chicoutimi	Chicoutimi
Granby, City of	Granby	Granby
Latulippe, Philippe & Amede	238 rue de la Ronde, Quebec	St. Charles River
Corp. de la ville de Magog, La	Magog	Magog
Mercure, Camille	9 rue St. Denis, St. Hyacinthe	St. Dominique
National Sand & Material Co. Ltd.	402 Harbour Bldg., Toronto, Ont.	Montreal
Ontario Paper Co. Ltd.	485 McGill St., Montreal	Baie Comeau
Perron, J. E.	129 Jacques Cartier St., Chicoutimi	Chicoutimi
Quebec Department of Highways	Quebec	Various
Sherbrooke, City of	Sherbrooke	Sherbrooke
Sorel Harbour Tugs Ltd.	St. Joseph de Sorel	St. Francis river
Standard Lime Co. Ltd.	Joliette	Ste-Emilie
Standard Sand & Gravel Ltd.	St. Felix de Valois	Joliette Co.
Venne, Oscar	Lachenaie	Lachenaie

SAND AND GRAVEL OPERATORS, 1936. (continued)

<u>Name of Firm</u>	<u>Head Office Address</u>	<u>Location</u>
ONTARIO -		
Allan, James	Seaforth	Seaforth
Axford, J. B., & Sons	35 Elm St., St. Thomas	South Yarmouth
Barnes, Wm. R., Co. Ltd.	243 Cumberland Ave., Hamilton	Springvale, Water- down, Hamilton, Nixon. Northumberland Co.
Bellyou, N. E.	R. R. 4, Trenton	Nepean Tp.
Birtch, Jas. A.	Richmond	Osgoode Tp.
Boyd Bros.	Osgoode	Stamford
Braas Bros. Hillcrest Sand Co.	R. R. 3, Niagara Falls	Haldimand
Bradt, E. S.	R. R. 5, Cayuga	Brantford
Brantford, City of	Brantford	Goderich Tp.
Butler, M. J.	R. R. 2, Bayfield	Mosa Tp.
Cameron, Chas. M.	R. R. 1, Glencoe	Dashwood
Campbell, Jeremiah	R. R. 3, Dashwood	Scarboro Tp.
Conlin, Herbert L.	Highland Creek	Clinton
Connell Bros.	Clinton	Durham, Fuller, Paris, Waterford.
Consolidated Sand & Gravel Ltd.	402 Harbour Building, Toronto	Usborne Tp.
Cudmore, Mrs. Alice	Hensall	Howard Tp.
Cudmore, Bertha	R. R. 6, Thamesville	Desbarats, near Dunsford, Echo Bay.
Curran & Briggs Ltd.	203 Manning Chambers, Toronto	Curries
Cuthbert, C. E.	Curries	Grenville Co.
Dominion Concrete Co. Ltd.	Van Buren St., Kemptville	Near Zurich
Erb, John	R. R. 2, Zurich	Gananoque
Ferguson, Richard W.	72 Pearl St. W., Brockville	Winchester Tp.
Forrester, Wm. E.	Morewood	Hamilton
Frid Bros. Ltd.	Main W. and Macklin St., Hamilton	Rockcliffe Village
Grandmaitre, D.	19 Olmstead St., Eastview	East Zaira Tp.
Mill, John D.	R. R. 6, Woodstock	E. Flamboro Tp.
Howard Sand & Gravel Co. Ltd.	Aldershot	Dist. of Patricia, Dist. of Kenora
Hydro Electric Power Commission	620 University Ave., Toronto	Westminster Tp. London
Johnston, G. F.	R. R. 2, Wilton Grove	Hay Tp.
Kilbourne, R., & Son	145½ Wharncliffe Road S., London	Turnberry Tp.
Klopf, B. W.	R. R. 3, Zurich	Grey Tp.
MacEwen, John L.	Bluevale	Pilkington Tp.
Machan, Andrew	West Monkton	Parkhill
McIntyre, John	R. R. 1, Elora	W. Wawanosh Tp.
McLeish Estate	Parkhill	Malahide Tp.
McQuillan, Wm. F.	R. R. 1, Lucknow	Various
Nevill, Thomas, & Son	R. R. 5, Aylmer W.	
Ontario Department of Highways	Toronto	

SAND AND GRAVEL OPERATORS, 1936. (continued)

<u>Name of Firm</u>	<u>Head Office Address</u>	<u>Location</u>
ONTARIO (concluded) -		
Ontario Department of Northern Development	Toronto	Various
Page, Jacob	Fenwick	Fenwick
Quigleys	Bartonville	Waterdown
Sarjeant Co. Ltd., The	49 Dunlop St., Barrie	Barrie
Skinner, R.	Exeter	Usborne Tp.
Smythe, C., Ltd.	Carlton and Church Sts., Toronto	Etobicoke Tp.
Spratt, J. H.	Billings Bridge	Gloucester Tp.
Stewart, Fenwick	R. R. 5, Clinton	Stanley Tp.
Stover, Elmer	R. R. 4, Tillsonburg	Middleton Tp.
Thompson, H. J.	R. R. 2, Clinton	Goderich Tp.
Towland Construction Co. Ltd.	294 Dundas St., London	Wawanosh Tp.
Vallery, H. J.	3 Beaty Ave., Toronto	Belwood
White, Homer, & Co.	Picton	Hallowell Tp.
White, Rachel, Miss	R. R. 7, London	Middlesex Co.
Wilks	26 Railway St., Woodstock	Woodstock
Willox, Hervey	985 Bridge St., Niagara Falls	Stamford Tp.
Wollatt Fuel & Supply Co. Ltd.	2171 Ottawa St., Walkerville	Mersea Tp.
Workman, Jerome	R. R. 1, Drumbo	Blenheim Tp.
Wright & Co.	960 Queen St., Sault Ste. Marie	Mile 5, A.C.R.
Wylie, Greer	R. R. 1, Wingham	Turnberry Tp.
MANITOBA -		
Brandon, City of	Brandon	Brandon
Building Products & Coal Co. Ltd.	Christie St., Winnipeg	Birds Hill
Cumming & Dobbie	233 .. 9th St., Brandon	Brandon
Dominion Mines and Resources Dept.	Ottawa, Ontario	Riding Mountain, National Park.
Greater Winnipeg Water District	185 King St., Winnipeg	Mile 31 and Mile 80, G.W.W.D.R.
Manitoba Department of Highways	Winnipeg	Various
McCurdy Supply Co. Ltd.	1034 Arlington St., Winnipeg	
Riley, W. J.	Molson	Molson
Rosser, Municipality of	Rosser	Rosser
Winnipeg Hydro Electric System	55-59 Princess St., Winnipeg	Sec. 31, Tp.15,R 14 E.
SASKATCHEWAN -		
Dominion Mines and Resources Dept.	Ottawa, Ontario	Prince Albert National Park
North Battleford, City of	1201 King St., North Battleford	North Battleford
Saskatchewan Dept. of Highways	Regina	Various
Yorkton, City of	Yorkton	Yorkton

SAND AND GRAVEL OPERATORS, 1936 (concluded)

<u>Name of Firm</u>	<u>Head Office Address</u>	<u>Location</u>
ALBERTA -		
Alberta Department of Highways	Edmonton	Various
Cristall Sand	10165 .. 104th St., Edmonton	Perryvale
Dominion Mines and Resources Dept.	Ottawa, Ontario	National Parks
Nanton, Town of	Nanton	Nanton
National Parks Highways	Ottawa, Ontario	National Parks
Sutherland, M.	Box 307, Olds	Westerdale Municipality.
BRITISH COLUMBIA -		
Armstrong, City of	Armstrong	Vernon M.D.
B. C. Department of Highways	Victoria	Various
Buena Vista Mining Co. Ltd.	Trail	Portland Canal
Burnaby, Corp. of the District	Edmonds, New Westminster	Burnaby
Cascade Rock & Gravel Co. Ltd.	Lynnmoor	Lynnmoor
Chilliwack, City of	Chilliwack	Chilliwack
Consolidated Mining and Smelting Company of Canada, Limited	Trail	Trail
Cranbrook, City of	Cranbrook	Cranbrook
Deeks Sand & Gravel Co. Ltd.	101 W. 1st Avenue, Vancouver	N. Vancouver and Coquitlam.
Dominion Mines & Resources Dept.	Ottawa, Ontario	National Parks
Fernie, City of	Fernie	Near Fernie
Gilley Bros. Ltd.	902 Columbia St. W., New Westminster.	Port Coquitlam
Hillside Sand & Gravel	1075 Main St., Vancouver	Hillside, Howe Sound
Kamloops, City of	Kamloops	Kamloops
National Parks Highways	Ottawa, Ontario	National Parks
Nelson, City of	Nelson	Nelson
Port Alberni, City of	Port Coquitlam	New Westminster
Prince Rupert, City of	Prince Rupert	Prince Rupert
Producers Sand & Gravel Co. (1929) Ltd.	1902 Store St., Victoria	Royal Bay
Trail, City of	Trail	near Trail

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