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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
FOREST PRODUCTS BRANCH

PRELIMINARY REPORT
on the
CARRIAGE & WAGON INDUSTRY
in
CANADA
1927-1928

(Subject to revision on further examination of individual reports)

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Published by Authority of the Hon. James Malcolm, M.P.,
Minister of Trade and Commerce

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OTTAWA

1930

Note.— Production figures as given in this bulletin do not necessarily represent the total output in Canada of the commodities listed, as there may be also a considerable production in other industrial groups. For complete information this bulletin must be read with the rest of the series on wood-using industries and other publications of the Census of Industry.

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY - FOREST PRODUCTS STATISTICS

OTTAWA - CANADA

Dominion Statistician:	R. H. Coats, B.A., F.S.S., (Hon.) F.R.S.C.
Forest Products Statistics:	R. G. Lewis, B.Sc. F.

THE CARRIAGE AND WAGON INDUSTRY IN CANADA1927 and 1928.

Ottawa, March, 1930 - A report on the manufacture of carriages, wagons, sleighs and parts thereof has been completed by the Dominion Bureau of Statistics for 1927 and 1928. The industry is divided into two groups, the first of which consists of factories engaged in the manufacture of what are known as "vehicle supplies" such as spokes, hubs, rims, axles and other wooden vehicle parts. These are sold to manufacturers assembling complete vehicles and to carriage and blacksmith shops for repair work. The second group includes factories manufacturing complete vehicles either from parts made by themselves or purchased from manufacturers of vehicle supplies. The latter class also includes firms engaged, to a certain extent, in the assembling of automobiles from purchased parts, the building of bodies on purchased chassis, and repair work. The manufacture of automobiles as an industry is dealt with in a report published by the Metallurgical Branch of the Bureau of Statistics.

There were 399 firms engaged in turning out complete vehicles in 1928 as compared to 419 in 1927 with a total capital investment of \$8,356,233 in 1928. These firms gave employment to 2,401 workers and paid \$2,612,055 in salaries and wages. Their raw materials cost \$3,688,371 and their products were valued at \$8,194,936.

The manufacturers specializing in vehicle supplies numbered 8 in 1927 and 6 in 1928. In 1928 their capital amounted to \$765,546, their employees numbered 163 and they paid out \$200,057 in wages and salaries. Raw materials in this group cost \$430,668, while the products manufactured were valued at \$800,721.

Tables 1 and 2 give a summary of the principal statistics of these two industries and the distribution of their plants by provinces.

The raw materials used in the manufacture of vehicle parts are chiefly hardwood lumber, bolts and rough turned spokes. Some softwood lumber is also used. Hoop, band and bar iron, steel and castings are also important. The products are chiefly hubs, spokes, bent goods and other miscellaneous items, with a total value of \$800,721.

Firms which manufacture, assemble or repair vehicles also use lumber as their most important raw material. In 1928 they purchased over thirty-one million feet board measure, valued at over a million dollars in addition to \$288,324 worth of hubs, spokes, bent goods and other wooden vehicle parts. Other important materials are paint, oil, varnish, leather, upholstering materials, textiles, glass, and rubber tires valued at \$2,295,056.

The products of this industry are divided into complete wheeled vehicles valued at \$599,269, complete sleighs at \$559,463, gears \$455,618, bodies and boxes \$345,764, hubs, spokes, bent goods, etc., \$273,907. These firms also manufacture autos valued at \$12,650, trucks valued at \$205,064, chassis valued at \$11,640 and truck and auto bodies valued at \$2,948,197. The amount received for painting and repairs was \$1,475,105, and other miscellaneous products amounted to \$1,536,613.

Tables 5 and 6 give the details concerning the materials and products of this industry, while Tables 7, 8, 9 and 10 cover details of capital invested, employment, fuel used and power employed in both industries in this group.

THE CARRIAGE AND WAGON INDUSTRY, 1927 and 1928

Table 1. - Principal Statistics, 1927 and 1928

Items	Vehicle factories :		Vehicle supplies	
	1927	1928	1927	1928
Establishments	No.	419	399	8
Capital invested	\$	8,016,540	8,356,233	1,188,233
Employees on salaries	No.	171	202	25
Salaries paid	\$	283,420	338,934	49,505
Employees on wages	No.	1,780	2,199	174
Wages paid	\$	1,913,068	2,273,121	190,248
Fuel used	\$	110,763	95,813	11,952
Power employed	H.P.	4,746	4,054	1,356
Cost of materials	\$	2,970,372	3,688,371	576,656
Value of products	\$	6,698,041	8,194,936	1,055,873
				800,721

Table 2. - Distribution of Establishments by Provinces, 1927 and 1928.

Provinces	Vehicle factories :		Vehicle supplies	
	1927	1928	1927	1928
CANADA	419	399	8	6
Quebec	228	217	-	-
Ontario	117	112	7	5
Nova Scotia	24	22	-	-
New Brunswick	25	24	-	-
Manitoba	7	7	1	1
Prince Edward Island	5	4	-	-
Alberta & British Columbia	7	6	-	-
Saskatchewan	6	7	-	-

Table 3. - Vehicle Supplies, Materials Used, 1927 and 1928.

Materials	Quantity :		Value	
	1927	1928	1927	1928
		\$	\$	
Lumber, Softwood (Pine, Spruce, etc.)				
M ft. B.M.	109	113	3,321	5,479
Lumber, Hardwood (Birch, Oak, Basswood, etc.)				
M ft. B.M.	1,861	3,540	199,174	293,121
Bolts, Softwood	Cords	-	-	-
Bolts, Hardwood	Cords	-	358	4,291
Hubs, spokes, bent goods, etc.	Value only	-	210,684	14,466
All other materials	Value only	-	163,477	113,311
Total Value of Materials	-	-	576,656	430,668

THE CARRIAGE AND WAGON INDUSTRY, 1927 and 1928

Table 4. - Vehicle Supplies, Products Manufactured, 1927 and 1928

Products	Quantity		Value	
	1927	:	1928	:
			\$	\$
Hubs, spokes and bent goods	-	-	659,298	553,484
Complete wheeled vehicles, gears, bodies and boxes, wheels, splices, handles and dowels, auto and truck bodies, painting, repairs and all other products	-	-	396,575	247,237
Total Value of Products and Work Done -	-	-	1,055,873	800,721

Table 5. - Vehicle Factories, Materials Used, 1927 and 1928.

Materials	Quantity		Value	
	1927	:	1928	:
			\$	\$
Lumber, softwood (Pine, Spruce, etc.)				
M. ft. B.M.	4,577	2,867	322,483	74,706
Lumber, hardwood (Birch, oak, basswood, etc.)	7,736	29,771	733,154	1,013,327
Bolts, softwood	Cords.....	420	574	2,740
Bolts, hardwood	Cords	674	1,345	5,671
Hubs, spokes, bent goods, etc.				
Value only	-	-	327,571	288,324
All other materials	Value only	-	1,578,753	2,295,056
Total Value of Materials -	-	-	2,970,372	3,688,371

Table 6. - Vehicle Factories, Products Manufactured, 1927 and 1928.

Products	Quantity		Value	
	1927	:	1928	:
			\$	\$
Carriages and wagons:				
Complete wheeled vehicles	12,757	9,090	940,213	593,269
Complete sleighs	14,633	12,675	635,221	559,463
Gears only	12,673	10,517	566,013	455,618
Bodies and boxes only.....	Value only	-	356,804	346,764
Hubs, spokes, bent goods, etc. "	"	-	333,911	273,907
Bodies only (automobile and truck)				
Value only	-	-	1,426,840	2,948,197
Amount received for painting and repairs	Value only	-	1,233,207	1,475,105
Total Value of Principal Products -			5,492,209	6,658,323
Secondary Products:				
Agricultural implements, automobile trucks, chassis, children's wagons, phonographs, sleighs, doll carriages, toboggan punts, furniture and other cabinet-work, hardwood flooring, screen doors, windows and all other products	-	-	1,205,832	1,536,613
Total Value of Products -	-	-	6,698,041	8,194,936

Note:- Data given here do not necessarily represent the total Canadian production under each heading, since these products are also listed under other industries.

Table 7. - Capital Invested, 1927 and 1928

1927

Industry group	Total Capital Invested	Land, fixtures, and Tools	Buildings, Machinery	Materials on hand, stocks in process, etc.	Cash, trading and operating accounts, etc.
	\$	\$	\$	\$	\$
TOTAL	9,204,773		4,294,195	3,240,627	1,659,951
Vehicle factories	8,016,540		3,748,379	2,930,787	1,337,374
Vehicle supplies	1,188,233		545,816	309,840	332,577

1928

TOTAL	9,121,779	4,052,009	3,385,886	1,683,884
Vehicle factories	8,356,233	3,731,103	3,162,861	1,462,269
Vehicle supplies	765,546	326,906	223,025	221,615

Table 8. - Employment, 1927 and 1928.

1927

Industry Group	Total Employees		Salaried Employees		Employees on Wages				
	Male	Female	Male	Female	Salaries	Wages			
	Male	Female	Male	Female	and Wages	Wages			
No.	No.	\$	No.	No.	\$	No.	No.	\$	
TOTAL	2,106	44	2,436,241	159	37	332,925	1,947	7	2,103,316
Vehicle factories	1,913	38	2,196,488	140	31	283,420	1,773	7	1,913,068
Vehicle supplies	193	6	239,753	19	6	49,505	174	-	190,248

1928

TOTAL	2,524	40	2,812,112	189	32	380,818	2,335	8	2,431,294
Vehicle factories	2,365	36	2,612,055	173	29	338,934	2,192	7	2,273,121
Vehicle supplies	159	4	200,057	16	3	41,884	143	1	158,173

Table 9A. - Fuel Used, 1927

Kind of fuel	Vehicle factories		Vehicle supplies		Total	
	Quantity	Value	Quantity	Value	Quantity	Value
		\$		\$		\$
TOTAL		110,763		11,952		122,715
Bituminous Coal, Can. ... tons.	3,661	26,309	1,419	8,532	5,080	34,841
" " Imported. "	7,385	45,081	3	60	7,388	45,141
Anthracite Coal, "	565	8,383	71	545	636	8,928
Lignite coal, Can. "	101	1,046	-	-	101	1,046
" " Imported .. "	144	1,676	-	-	144	1,676
Coke	272	2,655	-	-	272	2,655
Gasoline gal.	20,633	5,644	-	-	20,633	5,664
Kerosene or coal oil "	436	126	-	-	436	126
Fuel oil	54,223	4,627	-	-	54,223	4,627
Wood cords	1,933	10,070	521	2,615	2,454	12,685
Gas m.c.f.	4,877	2,603	-	-	4,877	2,603
Other fuel	\$ -	2,523	-	200	-	2,723

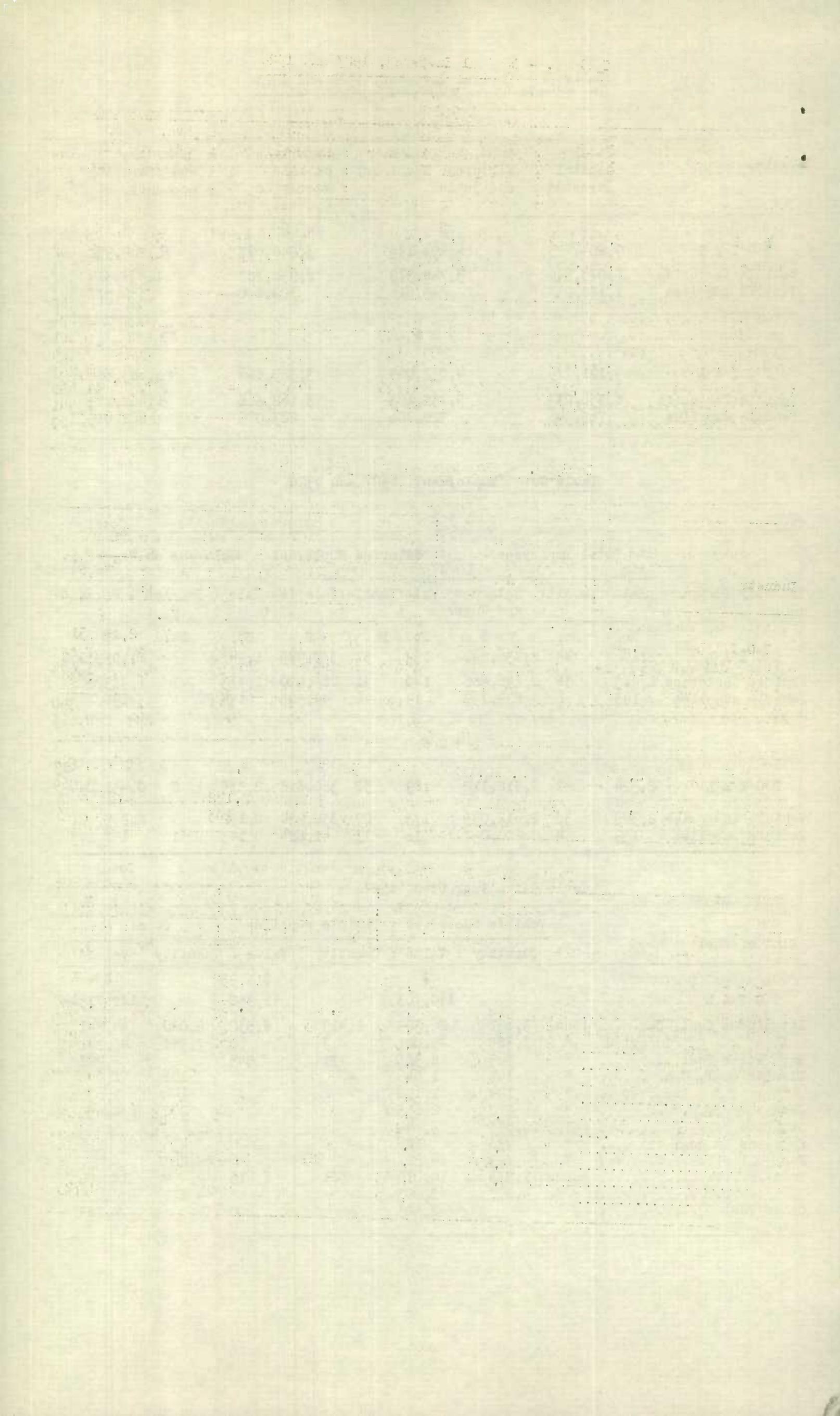


Table 9B. - Fuel Used, 1928.

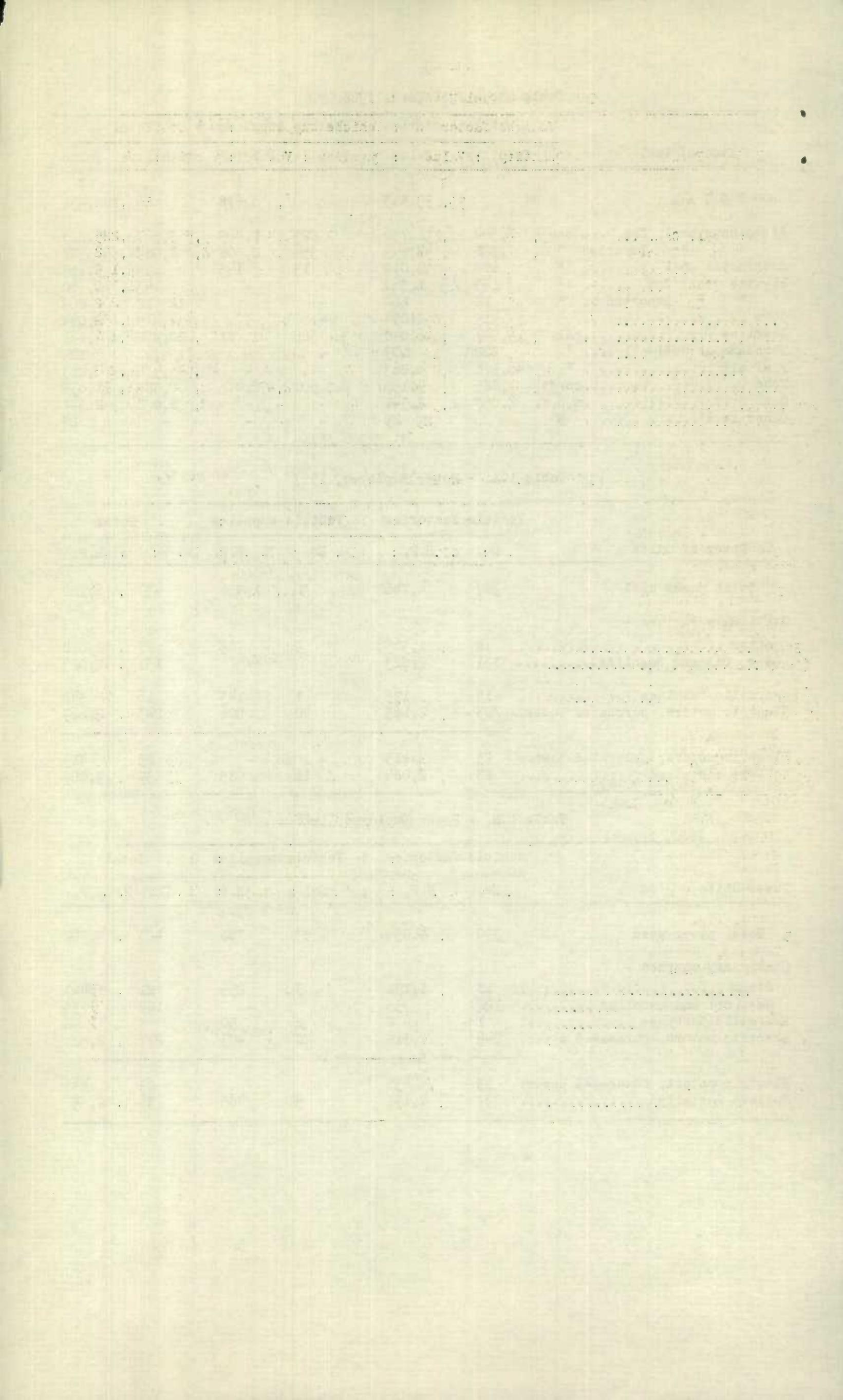
Kind of Fuel	Vehicle factories		Vehicle supplies		Total	
	Quantity	Value	Quantity	Value	Quantity	Value
T O T A L		\$ 95,813		\$ 6,678		\$ 102,491
Bituminous coal, Can. ... tons	3,344	11,756	223	1,469	3,567	13,225
" " Imported "	7,728	48,994	356	2,508	8,084	51,502
Anthracite coal	" 682	9,010	13	145	695	9,155
Lignite coal, Can. "	143	1,760	-	-	143	1,760
" " Imported .. "	12	262	-	-	12	262
Coke	" 415	2,094	-	-	415	2,094
Gasoline gal.	19,947	6,040	325	81	20,272	6,121
Kerosene or coal oil "	522	109	-	-	522	109
Fuel oil	" 46,978	4,263	-	-	46,978	4,263
Wood	cords 1,885	9,155	500	2,475	2,385	11,630
Gas	m.c.f. 2,058	2,341	-	-	2,058	2,341
Other fuel	\$ -	29	-	-	-	29

Table 10A. - Power Employed, 1927.

Power of units	Vehicle factories		Vehicle supplies		Total	
	No.	H.P.	No.	H.P.	No.	H.P.
Total power used	387	4,746	50	1,356	437	6,102
Stationary engines -						
Steam	18	1,365	9	705	27	2,070
(Gas, Oil and Gasoline.....	151	1,023	-	-	151	1,023
Hydraulic turbines	15	195	1	145	16	340
Electric motors, purchased power.	203	2,163	40	506	243	2,669
Electric motors, generated power.	23	413	-	-	23	413
Boilers installed	28	2,084	11	985	39	3,069

Table 10B. - Power Employed, 1928

Power units	Vehicle factories		Vehicle supplies		Total	
	No.	H.P.	No.	H.P.	No.	H.P.
Total power used	390	4,054	33	708	423	4,762
Stationary engines -						
Steam	18	1,192	3	255	21	1,447
Gas, oil and gasoline	122	735	-	-	122	735
Hydraulic turbines	1	8	2	50	3	58
Electric motors, purchased power.	249	2,119	28	403	277	2,522
Electric motors, generated power.	23	436	-	-	23	436
Boilers installed	31	2,191	5	465	36	2,556



CARRIAGES, WAGONS & MATERIALS

Were the Principal products of the following firms in 1928.

PRINCE EDWARD ISLAND

Gill, J. T.	R.R. #2, Peakes Station.
Hill, F. & Sons	New Glasgow
Jelly Bros.	O'Leary
Stewart Dugald	Tyne Valley

NOVA SCOTIA

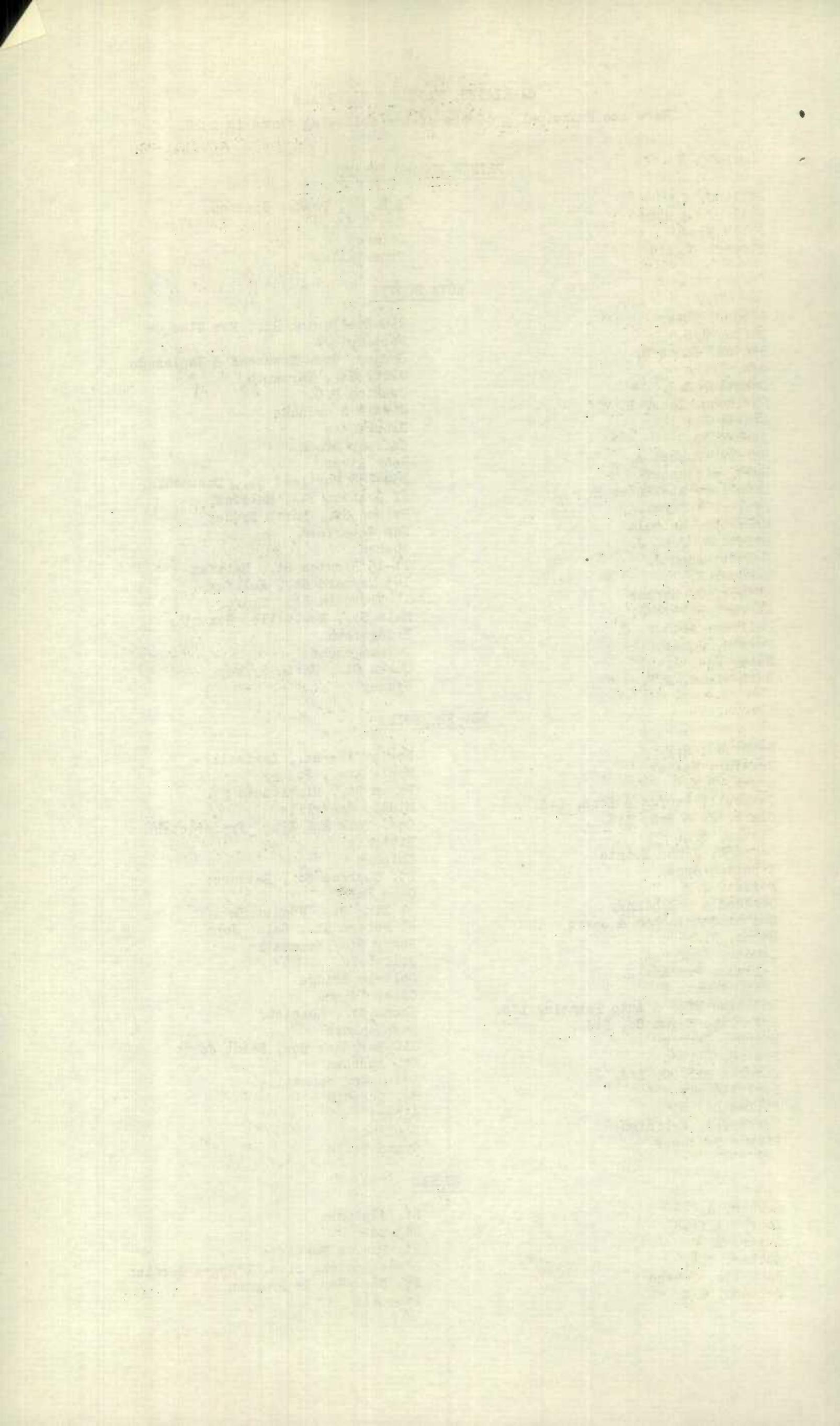
Arthur, Thos.	210 Stellarton Rd., New Glasgow
Baird, R.S.	Portauquipe
Beaton, James S.	Sydney, Cor. Townsend & Esplanade
Cox, Frank	Cliff St., Yarmouth
Cranton, E.J.	Cranton P.O.
Davidson, Thos. B.	Middle Stewiacke
Ernst, Eli	Blockhouse
Fisher, G.R.	Halfway Brook
Harris, Rupert A.	Bear River
Hutt, Alexander	136-138 Portland St., Dartmouth.
Lamphier, Alexander H.	81 Grafton St., Halifax.
Lawley, & Bryan.	Prince St., North Sydney
McGibbon, Malcolm	New Waterford
McIntosh, John J.	Goshen
McNutt, Adam J.	11-13 Brenton St., Halifax
McPhee, K.	143 Maynard St., Halifax.
Mosher, G. Horace	11 Victoria St., Truro.
Murray, Robert J.	Main St., Westville, Box 635.
Palfrey, Arthur C.	Bridgetown
Perrin, James	Tatamagouche
Ross, Jgs. A.	Queen St., North Sydney
Sutherland, A.S.	Sydney

NEW BRUNSWICK

Boudreau, R.P.	Lewisville Rd., Lewisville.
Brewing, Walter	Maple Ave., Sussex
Brown, B.M.	Pagan St., Richibucto
Campbell, George & Sons, Ltd.	Middle Sackville
Clark, J. & Son, Ltd.	Cor. York and King, Fredericton.
Clarke, S.E.	Hibernia
Darragh, John, Estate	Chipman
Elhatton Bros.	St. Georges St., Bathurst
Forest, J.F.	Cape Bald
Gliddon & McElhinney	51 King St., Woodstock
Graham Cunningham & Naves	46 Peters St., Saint John
Hogan, W.J.	Henry St., Newcastle
Lauder, Spurgeon	Hillsboro
LeBlanc, Protas H.	College Bridge
Long, Armoth E.	Coles Island
Maritime Mfg. & Auto Painting Ltd.	Bacon St., Moncton.
McFarlane Wagon Co. Ltd.,	Nashwaaksis
Murphy, George	110 Paradise Row, Saint John
Pye, H. Nelson	St. Andrews
Raworth Bill C. Ltd.	Lorne St., Sackville
Roy, Viateur	St. Quentin
Stiles Co. E.	Albert
Thibodeau, Felicien	Shediac
Wilson Brothers	Grand Falls

QUEBEC

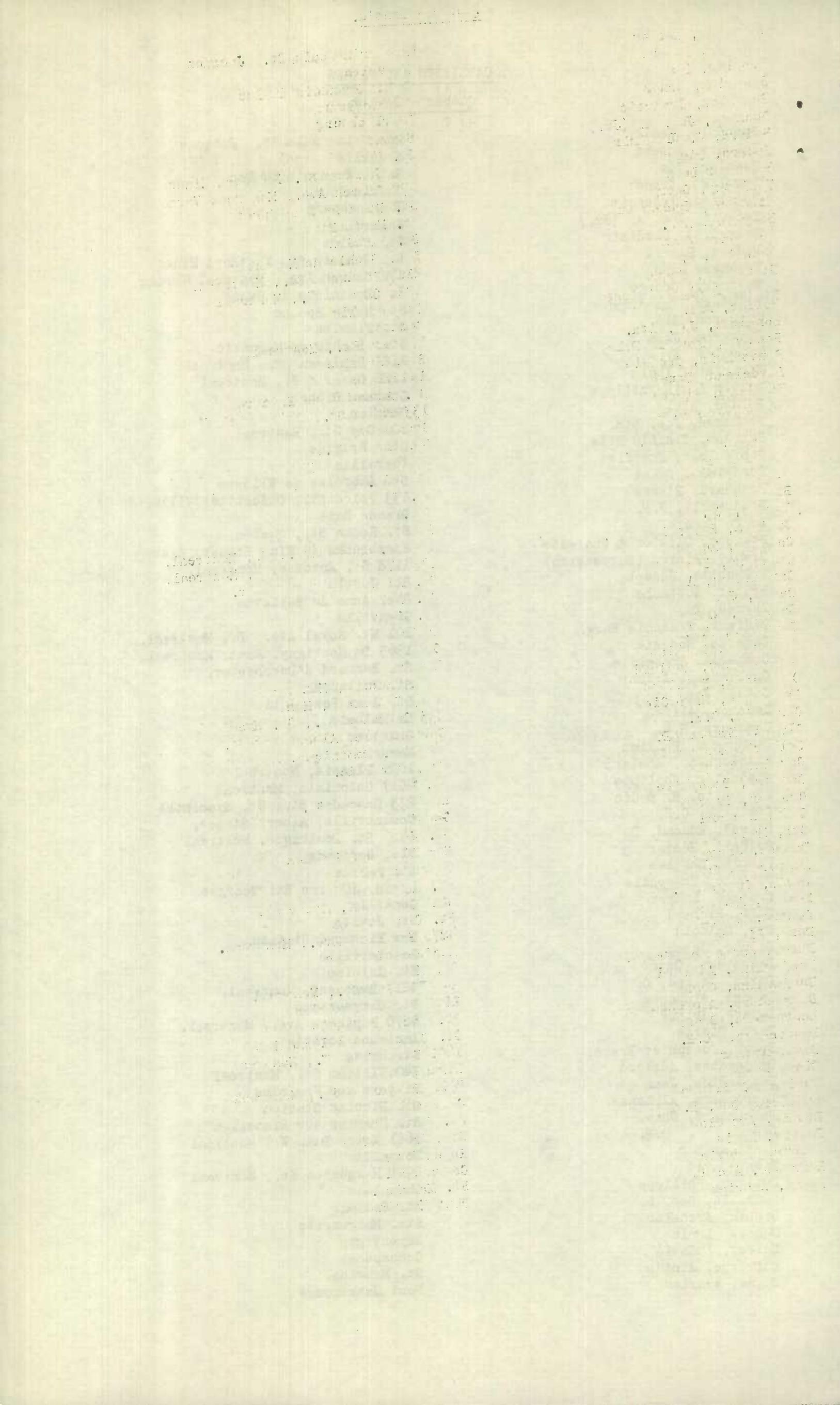
Arbour, A.	St. Alphonse
Aubry, Alfred	Rigaud
Auger, E.	St. Pierre Baptiste
Auther, C.E.	L'Assomption, Blvd. l'Anges Gardien
Barrette, Joseph	St. Cleophas de Brandon
Barbeau, F.X.	Longueil



CARRIAGES AND WAGONS

Quebec - Cont'd.

Beaudoin, Hector
Beaudry, Eusebe
Beaulac, Ida
Beaulieu, Ernest
Beaulieu, Francois
Beckett, Jno. A. (Jr.)
Bedard, J. Clodimir
Bedard, Pierre
Belanger Leon
Belinsky, George
Bilodeau, Tachereau
Bergeron, Alp.
Bergeron, Jean
Bessette, A.
Blanchard, Isola
Boivin Louis Philippe
Bolduc, Alp.
Bonhomme, Jos. Ltd.
Bonneau, Treffle Fils
Bonvouloir, Treffle
Bordeleau, Donat
Bouchard, Pierre
Boudreault, J.H.
Boure Honore
Bourque, Olivier & Charest
Brault, Pierre (Succession)
Brissette, Joseph
Brunet, Eustache
Byrnes, Wm.
Cadieux, Francois Enrg.
Cadotte, Modeste
Campagna, Theophile
Caronneau, Arthur
Caron, Jos.
Cauchon, Alfred
Chambers, H.H.
Champagne, Philias
Charbonneau, Adelard
Chevalier, Philippe
Choquette, H. & Cie
Christie, C.E.
Clavel, Edmond, D.
Colbert, Hector
Corbin, Charles
Couture, Theophile
Croteau, Luder
Cuff, Richard
Cyr. Malcolm
Dalphé, Joseph
Danseureau, Omer
David, Joseph, O.
Demers, Alphonse
Demers, Arthur
Dery, Pierre
Deroy, Joseph et Frere.
Desjardins, Adelard
Desjardins, Jean
Desrochers, Alphonse
Desrochers, Chas.
Desroches, O.E.
Dion, Arthur
Dion, David
Dutigny, Philippe
Duville, Geo. L.
Drouin, Archelas
Dubois, Louis
Dufour, Ludovic
Dufresne, Alcide
Dugas, Azarias
Rue Principale, St.. Jacques
Neuville
Saint Francois du Lac
Charlesbourg
Charlesbourg
Shawville
St. Ubalde
161 Johnson St. Thetford Mines
872 Church Ave., Montreal Verdun
St. Dominique de Bagot
St. Marie Beauce
St. Flavien
Ste. Sophie de Megantic
2187 Papineau St., Montreal.
1226 Ontario E., Montreal
Chateau Richer
Compton
600 Guy St., Montreal.
Ste. Brigitte
Iberville
St. Ambroise de Kildare
133 Price St., Chicoutimi Ville.
Grande Baie
St. Roche St., Quebec.
Sherbrooke 4 King Street, East.
1178 St. Antoine, Montreal.
St. Justin
Ste. Anne de Bellevue
Grenville.
101 Mt. Royal Ave., E., Montreal.
1363 De Montigny, East, Montreal.
St. Bernard d'Orchester.
St. Philippe
St. Jean Port Joli
La Malbaie
Ormstown
Namur
1091 Pleasis, Montreal
4017 Coloniale, Montreal
233 Cascades St., St. Hyacinthe
Cowansville, Albert Street.
6466 St. Dominique, Montreal
Ste. Gertrude.
St. Pacome
Levis, 106 rue St. Georges
Gentilly
St. Jovite
New Richmond Station
Boucherville
St. Antoine
4217 Breboeuf, Montreal.
St. Chrysostome
4270 Papineau Ave., Montreal.
Ancienne Lorette
St. Moise
340 William St., Montreal
Riviere des Prairies
St. Nicolas Station
St. Charles sur Richelieu
1601 Notre Dame W., Montreal
Normandin
5911 Marguerite St., Montreal
Champlain
St. Casimir
Ste. Marguerite
Repentigny
Causapscal
St. Maurice.
Pont Maskinonge.



CARRIAGES AND WAGONS

Quebec - Cont'd.

Dutrisac, Emile
Falardeau & Boutet
Ferron, Paul
Filion, Arthur
Fiset, Alfred
Fiset, Henri
Fournier, Joseph
Fournier, P.P.
Gagnon, Esdras
Garant, Alphonse
Gorceau, J.
Garneau, Jos.
Geoffrion, Frederic
Germain, Eugene
Germain, Louis
Gervais, Emile
Giasson, Hormidas
Girard, Stanislas
Gohier, E.
Goulet, Alexis
Goulet, Alphonse
Gourd, Arthur
Gravel, Hormidas
Gregoire, Geo.
Guenette, Ernest
Guignard, J.F.
Guindon, Josaphat
Hebert, Frs. Etavier
Hebert, J.A.
Heon, Jas.
Hivon, J.O.
Julien, Felix
Julien, Louis & Fils
Karcham Wagon Co. Ltd.
La Cie Biron, P. & Fils Limitee
Lacoursiere, Alphonse
Lafond, F.X.
Laliberte Edouard
Lampron, Victor
Langlier, Pierre
Langevin, Adelard
Lariviere, A.C.
Latour, R.
Lavallee Odilon
Lavoine, Sinai
LeBlanc, Dane Joseph
Leclerc, Adrien
Leclerc, Jos. Arthur
Ledoux, Jennings, Limited
Lefebvre, Elie
Lefebvre, Benjamin
Lefebvre, Raoul
Lemieux, Raphael
Lemire, Walter
Leveille, Henri
L'Heureux, Alphonse
Lirette, Chas.
Lirette, Louis
Louziere, J.A. & Cyprien
Lupien, Pierre
Machabe F. & C^o.
Mailguy, Eugene
Martel, Elphoge
Martineau, Adolphe
Massi, Joseph
Mercier, Adolphe Cie
Messier, Wilfred
Metivier, W.

313 Rue Principale, St. Laurent.
131 rue Caron, Quebec
Marieville
St. Jacques le Mineur
56 Dorchester, Quebec
Montmagny
Loretteville
62-64 Rue St. Onesime, Levis
Garneau
St. Francois
St. Narcisse
St. Apollinaire
Asbestos, 32 Notre Dame
Ste. Augustine
1185 Benoit St., Montreal
St. Cesaire
La Presentation
Valcourt
St. Martin
Monument
16 Blvd. Cartier, Riviere du Loup(en bas)
St. Andre Avellin
St. Martin
St. Ferdinand
St. Louis du Ha Ha
Sully
Plaisance
Abbotsford
30 - 1st. St., Shawinigan Falls.
St. Gregoire
Ste. Anne de la Perade
St. Guillaume
St. Anaclet
225 William St., Montreal
43 Bowen Avenue, Sherbrooke
Disraeli
3701 St. Jacques, Montreal
Pont Rouge
102-104-2 rue Shawinigan Falls
Ste. Angele de Rimouski
St. Hughes
65 Rue Colborne, Montreal
108 rue Laviotte, Et. Jerome
R.R. # 2, Berthierville
Montcalm
Principale St., St. Ursule
St. Eugene de Grantham
St. Vallier
209 Wellington St., Montreal
105 Champlain St., Valleyfield
48 Martin, Dorval
Vaudreuil
Boucherville
Ste. Perpetue
Ste. Genevieve de Bastican
503 St. Jean, Quebec
74 Langlier Blvd., Quebec
2200 Desjardins St., Montreal
St. Leonard d'Aston
West Wickham
614 Lagachetiere E., Montreal
9a 17 Berthelot, Quebec.
Beloeil
Gracefield
St. Gabriel de Brandon
Trois S^e monon
East Farnham
Buckland

SECTION III - CIVIL RIGHTS

1. Civil Rights Act
2. Civil Rights Act

3. Civil Rights Act
4. Civil Rights Act

5. Civil Rights Act
6. Civil Rights Act

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64. Civil Rights Act

65. Civil Rights Act
66. Civil Rights Act

67. Civil Rights Act
68. Civil Rights Act

69. Civil Rights Act
70. Civil Rights Act

71. Civil Rights Act
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73. Civil Rights Act
74. Civil Rights Act

75. Civil Rights Act
76. Civil Rights Act

77. Civil Rights Act
78. Civil Rights Act

79. Civil Rights Act
80. Civil Rights Act

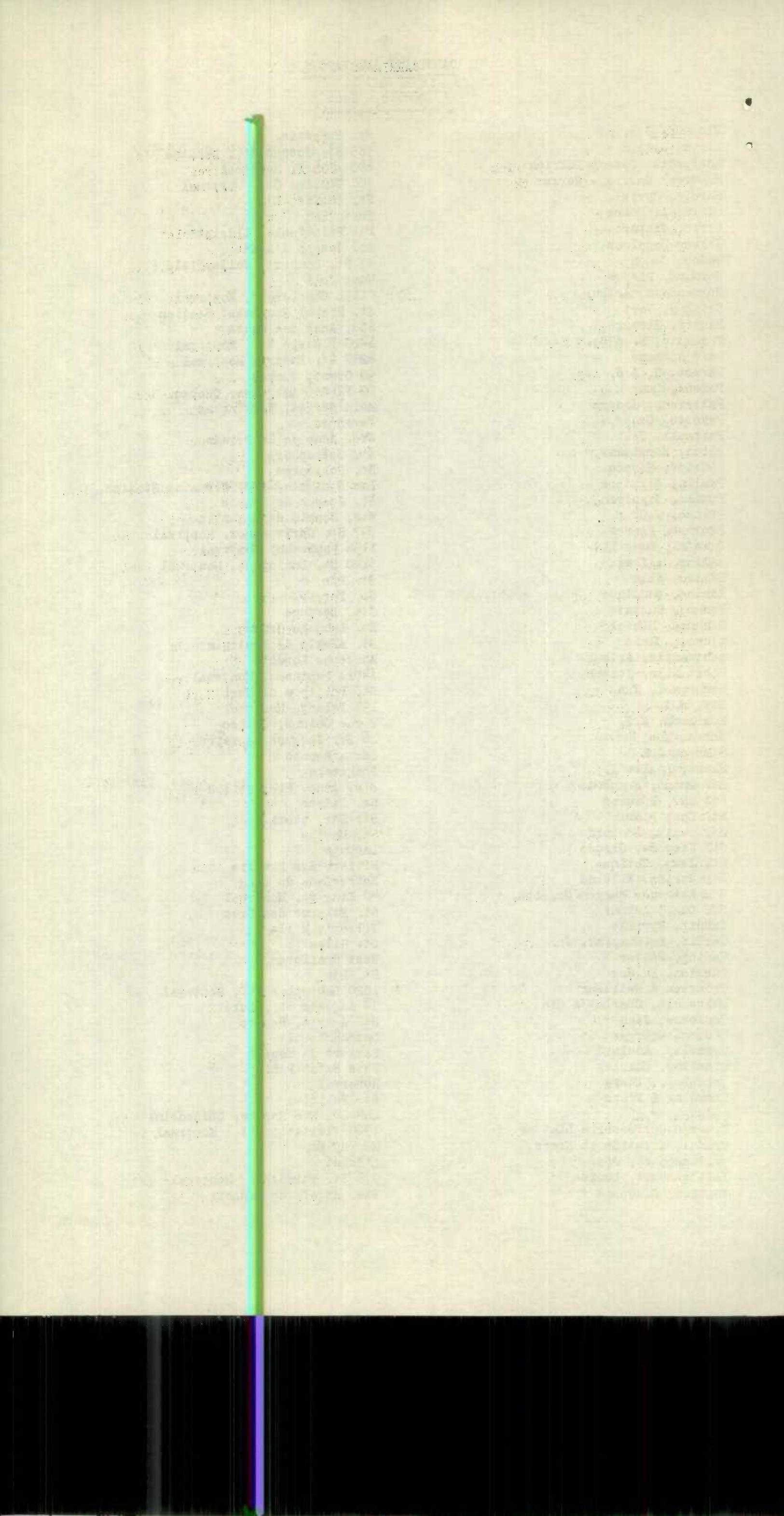
81. Civil Rights Act
82. Civil Rights Act

83. Civil Rights Act
84. Civil Rights Act

CARRIAGES AND WAGONS

Quebec - Cont.

Michaud, Jos.	St. Sebastien
Miron, Arthur	385 St. Joseph St., Lachine
Montpetit, Joseph Patrick	600 Albert, Montreal
Montreal Carriage Works	400 William St., Montreal
Morais, Cyris	St. Fabien
Morin, Alphonse	North Ham
Morin, Victor	rue Principale, L'Islet
Nolin, Napoleon	St. Joseph d'Alma
Nadon, Zenon	43 St. Lambert, Valleyfield
Normand, Pierre	Mont Joli
Normandeau, Arthur	01152 Charlevoix, Montreal
Ostigny, Fort	St. Michel Rougement Station
Paquet, Elzear	Ste. Anne des Monts
Paquette, E. & Co.	1410 Plessis St., Montreal
Pare Anthime	6277 St. Hubert, Montreal
Parent, O. & J.	98 Grant, Quebec
Parent, Omer	10-12 St. Ambroise, Quebec.
Patterson, Joseph	Main Street, Buckingham
Payette, Oscar	Varennes
Perrault, Tel.	Ste. Anne de la Perade
Pilon, Hormidas	St. Telesphore
Poirier, Horace	St. Polycarpe
Poulin, Alphonse	Lac Etchemin, Ste. Germaine Station.
Poulin, Napoleon	St. Joseph de Beauce
Prince, J.O.	Ste. Sophie de Magantic
Provost, Freres	797 St. Christopher, Montreal
Quintal, Omer Ltd.	1156 Papineau, Montreal
Racine, Alfred	5120 St. Dominique, Montreal
Racine, Elie	St. Pie
Racine, Gaudiose	St. Ferriol
Renaud, Gustave	Ste. Dorthee
Richard, Michel	St. Leon Le Grand
Riopel, Ulric	St. Alexis de Montcalm
Robitaille, Arthur	Ancienne Lorrette
Robitaille, Joseph	1471A Papineau, Montreal
Rossignol, J.A.	St. Philippe de Neri
Roy, J.A.	197 Island, Montreal
Ruelland, J.S.	2 rue Colomb, Quebec
Serre, Noel	26 St. Jacques Lapraire
Simard, J.E.	Lac a Beauce
Skene, Leslie A.	Shigawake
St. Amant, Francois	Ste. Anne, Pierreville
St. Cyr, Edouard	St. Didace
St. Cyr, Pierre	St. Barthelemy
St. Denis, Adelard	St. Marthe
St. Jacques, Claude	Lachute
St. Jean, Zotique	Riviere des Prairies
St. Julien, Wilbrod	Notre Dame du Lans
St. Lawrence Waggon Co. Ltd.	40 King St. Montreal
St. Onge, Arthur	St. Etienne des Gres
Tardif, Cyrille	Wilson's Mills
Tardif, L. Onesime, Jr.	St. Giles
Taylor, Walter	West Shefford
Therien, Eugene	St. Lin
Therrien & Meilleur	1820 Labrecque St., Montreal
Whibeault, Charles & Cie	30 Augusta St., Sorel
Toulouse, Jean	St. George, Beause
Touzen, Georges	Deschambeault
Tremblay, Adelard	Riviere du Moulin
Tremblay, Charles	Baie Saint Paul
Tremblay, Exurfe	Roberval
Tremblay & Frere	St. Felicien
Truchon, J.A.	284-286 Rue Racine, Chicoutimi
Trudeau Carrosserie Limitee	1300 Visitation St., Montreal
Trudel, Aristide et Frere	Murray Bay
Vaillancourt, Jos.	L'Islet
Vaillancourt, Louis	971 St. Thimothee, Montreal
Vegiard, Cleophas	Ste. Angele de Monnoir



CARRIAGES AND WAGONS

Quebec - Concluded

Verret Limitee
Viens, Arthur

101-103 Cote d'Abraham, Quebec.
St. Bonaventure d'Upton,

Villeneuve, J.
Vincent, J.A.S.
Voyer, Leon P.
Wilbrod, Reniere

Pointe Gatineau
2058 Papineau Ave., Montreal
St. Pierre
Hunterstown

ONTARIO

Adair, Chas. B.
Adams, (The) Wagon Co. Ltd.
Allan, Wm.
Anderson, Geo. P.
Barnard, Ormond
Barr, Alexander
Barrington, J.W.
Bennett, Francis
Bruce Woodworkers Ltd.
Burridge, Thos.
Canada Carriage & Body Co. Ltd.
Campsall, John G.
Cauthers, W.C.
Caza P.
Chalk, Thos. B.
Christie Robert
Coady Bros.
Commercial Motor Bodies & Carriages Ltd.
Courtice, W.R.
Cretney, Jas. F.
Crone, Arthur G.
Cruickshanks Ltd.
Day, John
Dietrich, Jos.
Dickinson, R.C.
Delisle, A.Z.
Derochie, Norman
Dobson, A.F.
Dunlop, Jas.
Elder Robt., Carriage Works Ltd.
Farmar & Son
Fillion, Stanislas
Fogarty, George
Fritz, Chas.
Graham, Alex.
Hahn, John
Hastings, Isaac, J.
Heal, Wm.
Hess, George
Hillebrecht, August
Hough, Watson
Howell, E.J.
International Harvester Co. of Canada Ltd.
Ireland, Edgar, J.
Irwin, Anderson
Jackson Waggon Co. Ltd.
Zeech, Amos
Kellert, Ed.
Koehler, Harry
Kraemer, Alex J.
Langford, C.
Latimer, Wm. D.
Lauzon, Olivier
Lilley, Thomas E.
Lipsit and Meadows
MacDougall John & Son
MacIntosh, Andrew
MacLeod, Rory D.

255 McDonnell Street, Peterboro
Mohawk St. Brantford
Main St., Glencoe
Ospringe
Oxford Mills
143 Victoria Pembroke
Russell
Dunodin
Chesley
33 George St., Brockville
~~Brantford & Alexandria~~
Parham
Mansfield
Williamstown
Cavan St. Port Hope
Holstein
1405 Bloor St. W., Toronto 9.
129 Woolwich St., Guelph
Courtice
R.R. #7 Belleville
Nottawa
Main Street, Weston
Main Street, Bayfield
Gordon St., Guelph
276 Catherine St. N., Hamilton.
R.R. #1, Windsor
52 Malborough St., Cornwall
Box 103, 41 Bayfield St. Barrie
Box 5, Forest
26 Soho and Phoebe Streets, Toronto 2.
367 Cannon St. E., Hamilton.
Embrum
Dundalk
Marshville
Pakenham
Baden
Huron St. Watford
R.R. #2, Vanessa
Zurich
R.R. 1, Bornholm, Brodhagen
88 Danforth Road, Scarboro
Vernon
Sherman Ave., Hamilton
Inglewood
Mount Vernon
St. George
Verona
406 Simcoe, Woodstock
Heidelberg
Greenock
882 3rd. Ave., E., Owen Sound
Alliston
Clarence Creek
Dutton
Straffordville
Box 481 Wilson Ave., Essex
Southampton, North High Street.
R.R. #1, Dunvegan (works) H.O. McCrummon.

1940-1941 - 1942-1943

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1. *Leucosia* *leucostoma* Linn.
2. *Leucosia* *leucostoma* Linn.

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TRANSLATED BY J. R. GREENWOOD AND
EDWARD G. BURKE, JR.

CARRIAGES AND WAGONS

Ontario - Concluded

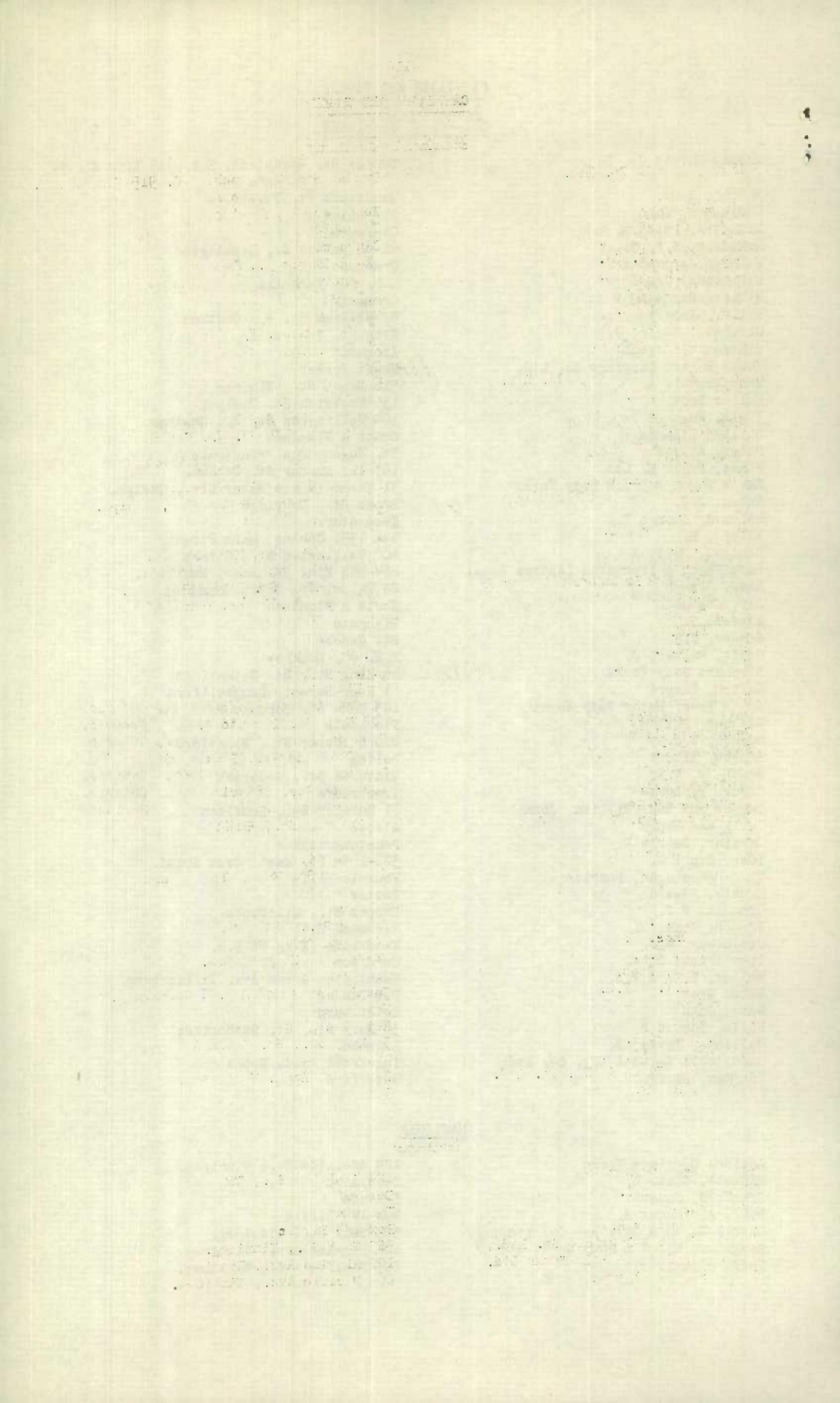
Massey-Harris Co. Ltd.
Matthew Bros.
McGlashan, John
McIntyre, Peter A.
McKenzie, W.F. Co.
McLaren, Arnold R.
McPherson, Crawford
Miller, Simon A.
Milner, Robert
Mitchell, Oscar, J.
Montpetit, Joseph
Mount Forest Carriage Co. Ltd.
Mroczkowski, A.
Muller Bros.
Nagle, Wm.
Ouillet Etienne
Pilon, Alfred
Plant, Frank H. Ltd.
Rae's Wagon & Truck Body Works
Raham, J.C.
Redburn, George T.
Robert, H.
Rondeau, Noel, A
Ross Wagon & Ironworks (Andrew Ross)
Ross, Joseph
Roy, Joseph
Russell, J.
Sander, J.B.
Scott, Walter, J.
Shephard Body Works
Skitch, Edward
Smith Bros. Motor Body Works
Soehner, Philip
Spence, W.J.
Stubbs, Albert
Stothers, W.E.
Tabor, E. Lorne
Tanner and Son, William, John
Terry and Hodge
Tessier, George E.
Toms, Cecil G.
Tranchemontagne, Pharide
Treble, Edward
Tremain, W.J.
French, Thos. H.
Tretheway, W.J.
Trevithick, Thos.
Waller, L.V. & F.S.
Weber Bros.
Weis, John
Wills, Edward B.
Williams, David, S.
Woodstock, Wagon & Mfg. Co. Ltd.
Yeatman, Harry.

Dundas St. Woodstock, H.O. 915 King St. W.
Toronto 2.
Woodstock St. Tavistock
Thessalon
Clarence
61-65 Talbot E., Leamington
Creemore
R.R. #2, Parkhill
Cromarty
57 William St. S. Chatham
King St. Ingersoll
Iroquois
Mount Forest
516 Brant St., Windsor.
135 Woolwich St. Guelph.
104 Wellington St. W., Chatham
Chute a Blondeau
St. Eugene rue Principale
107-111 Murray St. Ottawa.
31 Yarmouth and Baker Sts., Guelph.
Brock St., Uxbridge
Teeswater.
Box 135, Cobden, Main Street.
408 Wellington St., Ottawa
284-288 King St. East, Hamilton.
24 Walnut St. North. Hamilton
Chute a Blondeau
Highgate
St. Jacobs
R.R. #5, Lucknow
66 King St., St. Catherines,
61 Rear Street, Campbellford
183 Duke St. Toronto 2.
Floradale
280 Colborne St., Brantford
Bolton
Victoria St., Goderich
Trowbridge
71 Merrick St., Hamilton
Atwood
Penetanguishene
326-10th St. East. Owen Sound.
Fournierville
Exeter
Tupp St., Millbrook
Richmond Hill
Woodville, King St. E.S.
Crediton
Washington Grand Ave. Tillsonburg.
New Dundee
Heidilberg
36 Mary St., St. Catharines
Linwood
Ingersoll Road, Woodstock.
Waterford

MANITOBA

Addison Carriage Works
Bissett, Chas. L.
Cramford, James
Duff, Alexander H.
Lawrie Wagon & Carriage Co. Ltd.
Sangster, Wagon & Body Works Ltd.
Todd, Sidney, J.

124 Adelaide St., Winnipeg.
Deloraine
Waskada
Box 184 Birtle
583 Wall St., Winnipeg.
100 Higgins Ave., Winnipeg.
805 Pacific Ave., Winnipeg.



CARRIAGES AND WAGONS

SASKATCHEWAN

Busch, Philip	1840 Halifax St., Regina
Carriage Repair Works	438 Fairford St. W., Moose Jaw
Dobinson, Thomas	Oxbow
Johansen, Jacob	Kelvington, Box 121
Landa, William	222 Ave. E. South, Saskatoon.
Lessard, Edmond	Imperial
Williams, Charles	Montmartre

ALBERTA

Hay & Harding Limited	1439 - 10th Ave. E., Calgary
Letourneau, Mrs. Emma	Legal
Scott, Wm. J. & Son	10346 - 81st. Ave., Edmonton

BRITISH COLUMBIA

Black Brother Ltd.	1040 Hornby St., Vancouver
Pioneer Auto & Carriage Works	960 Richard St., Vancouver
Victoria Auto Rebuilding	1818 Blanchard St., Victoria

CARRIAGE AND WAGON MATERIALS

Crown Lumber Co. Ltd.	Tecumseh Street, Woodstock, Ontario.
Finlay & Sons, J. Co.	Nedar Street, Norwood, Ontario.
McVean Ltd., O. & W.	Ft. of Hughes St., Dresden, Ontario
Patterson & Co. J.D.	Park and Market Streets,
	Hamilton, Ontario.
Whiteman, Jas.	13 Trow Ave., Stratford, Ontario.
West Woods, Ltd.,	266 Union Ave. Winnipeg, Manitoba.

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